



**B E A R I N G S U P P O R T S**

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## Quality and Service

**Your expectation, our standard.**

*Customers expect the best from System-Plast; we are committed to delivering nothing less. In every phase of our operation, from engineering, to production, to sales and assistance, System-Plast is committed to complying with the stringent standards of ISO 9001.*



**When you are looking for a quality conveyor component, look at System-Plast.**

We put our Leadership on the line for you.

Our complete range of products combines stainless steel, carbon steel, aluminium and engineered plastics to achieve reliability, superior performance and a compactness of design.

As one of the world's leading suppliers of conveyor components, System-Plast has a tradition of innovation that dates back to 1985 when we entered into this field.

In the last ten years, System-Plast Components have become the standard of design and performance to a wide range of industries, including conveyor manufacturing, materials handling, power transmission, packaging and many more.

In addition to manufacturing excellence, System-Plast has earned a reputation for outstanding customer service, offering a full range of design, custom fabrication and support services.

We hope you will now take a moment to look through this comprehensive manual. Then, when you are ready to discuss your needs with the nearest System-Plast representative, please consult the back cover of this catalog for further details about our sales network. We are able and eager to assist you set up a smooth functioning facility.

**The components you want, when and how you want them.**

System-Plast is ready and able to satisfy your needs with quick answers and delivery of standard or custom made products. Our customers around the world know that the shortest distance between a problem and its solution is to call us: innovations, research, engineering and production are always under a strict control to improve our service and products.

**Call our engineering experts.**

To order the products you have selected, or to get expert advice in choosing the right ones for your application, call System Plast's Engineering Department at (035) 83.51.301, or fax your specifications: (035) 83.51.406.

We'll be happy to provide the information and advice you need.

And we'll work to ensure prompt processing and delivery of your order.



**System Plast offers a complete line of products to answer all your production needs.**

#### CONVEYOR COMPONENTS

- Drive sprockets, idler wheels, corner discs.
- Chain return components.
- Lateral guides and guide rail clamps.
- Adjustable heads and knobs.
- Side mounting and support heads.
- Threaded tube ends.
- Thermoplastic chains.
- Straight and corner tracks.
- Cross clamps.
- Guide rail brackets and drip tray supports.
- Hinges and handles.
- Support bases and levelling elements.

#### BEARING SUPPORTS

- Flanged bearing support.
- Pillow block support.
- Take-up support.
- Cartridge/take-up support.
- Support for shafts from Ø 12 to Ø 40 mm.
- Flanged bearing support in stainless steel.
- Compact pillow block support.
- Cartridge support.
- Support with high corrosion resistance.

#### LEVELLING PADS

- Thermoplastic, steel and stainless steel supporting feet.
- Fixed feet.
- Threaded tube ends.
- Articulated feet with or without mounting holes.
- Vibration absorbing feet.
- Support bases

#### STRUCTURAL COMPONENTS

- Connecting joints.
- Panel clamps.
- Fixing block.
- Spring loaded latch.
- Tube ends and closing caps.
- Mounting profiles.
- Profile for plain tubes.
- Magnetic lock.
- Hinges and handles.

#### CONVEYOR CHAINS

- Straight running chains.
- Sideflexing chains magnetic system.
- Sideflexing chains with rubber pads.
- Sideflexing chains.
- Straight running chains with rubber pads.
- Straight and corner tracks.

#### MODULAR BELTS

- Flat top belts
- Belts with low noise accumulation rollers
- Grip top belts
- Flush grid belts
- Sideflexing flat top chainbelt for magnetic system
- Sideflexing flush grid chainbelt for magnetic system



## FOOD INDUSTRY

### advantages:

- excellent corrosion resistance
- compatible with working fluids
- easy cleaning
- high mechanical resistance
- long life
- low maintenance

## CHEMICAL AND PHARMACEUTICAL

### advantages:

- excellent chemical resistance
- high oxidation resistance
- easy cleaning
- light-weight
- high mechanical resistance
- long life
- low maintenance

## AGRICULTURE

### advantages:

- good resistance to dirt and dust
- easy cleaning
- high vibration resistance
- high mechanical resistance
- long life
- low maintenance

## MATERIAL HANDLING

### advantages:

- good resistance to dirt and dust
- suitable for humid environments
- high vibration resistance
- light-weight
- easy cleaning
- high mechanical resistance
- long life
- low maintenance

### Bearing Support Units in Thermoplastic Material

### Our range

### Housing in Thermoplastic Material

### Nolu-Clean

### Bearing

### Long-life grease

# BEARING SUPPORTS

In many different industries, such as food, chemical and pharmaceutical, material handling and even agriculture, bearings must provide for long periods of uninterrupted service.

Therefore, a bearing offering low maintenance and "trouble-free" operation must be introduced.

System Plast intends to offer the solution with its thermoplastic bearings. The constant evolution of the Bearing Line range enables System Plast to provide a suitable product for a wide variety of applications, extending to the most challenging.

System Plast offers a selection of bearings for shaft diameters ranging from 12mm to 40mm.

Providing true support, the bearings are available in Flanged or Pillow Block versions, and Take Up Unit or Framed Take Up Unit versions.

These products essentially combine two innovative elements: a housing in highly resistant thermoplastic material, and a protective stainless steel pressed cover.

All bearings are treated on the surface to safeguard the product from corrosion, allowing for operation even in humid environments.

Also, all bearings are lubricated with a special "long-life" grease.

The housing of most of our Bearing Support products is available in two different thermoplastic materials: Polyamide and Polypropylene.

Both are reinforced with fiberglass to guarantee constant application and thermal stability.

The housing, in thermoplastic material, is light-weight, yet strong and safe, making it very reliable.

Moreover, the radial break load capacity of the plastic housing is higher than the bearing static load itself.

Each version offers good resistance to many corrosive chemicals. The PA version is suitable for continuous operation in temperatures from -20 to +90 Degrees Centigrade, and the PP version in temperatures ranging from -20 to +70 Degrees Centigrade, while both maintain good dimensional stability at the maximum indicated temperatures.

Hygiene has become an important issue in a number of areas in filling and packaging lines. Nolu-Clean is a new antimicrobial material for improved hygiene, supporting the effectiveness of your cleaning efforts. Nolu-Clean is listed for industrial use in many countries including Australia, Canada, China, Korea, the Philippines, the USA, Japan and most European countries. Nolu-Clean inhibits growth of bacteria, molds and yeasts, provides odor control and hygiene maintenance, and is durable

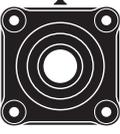
The bearings are available in two different versions, shaft locking with grub screws or with eccentric ring and in two different materials, chrome steel and stainless steel.

The bearings are lubricated with a special "Long-Life" grease, which is ideal in applications within humid conditions, hot water, and in alkaline or acid solutions.

With this unique lubricant, System Plast bearings are able to sustain long life cycles ensuring quality operation.

# PRODUCTION PROGRAM

Available versions

	Regreasable	Maintenance free bearing	Waterproof	Corrosion resistance	Mechanical resistance	Material	For shaft size Ø mm / inch	For plain shaft	For shouldered shaft	
	•			MODERATE	HIGH	PA	20,25,30 35,40	•		
	•			GOOD	LOWER	PP		•		
	•		•	MODERATE	HIGH	PA	20,25,30 35,40	•		
	•		•	EXCELLENT	GOOD	PP		•		
		•	•	•	MODERATE	HIGH	PA	30,40	•	
		•	•	•	EXCELLENT	GOOD	PP		•	
	•		•	GOOD	HIGH	PA	25/30 30/35 35/40 40/45		•	
	•		•	EXCELLENT	LOW	PP			•	
	•			GOOD	HIGH	PA	12,15,16 17,20,25 30,35,40	•		
	•			GOOD	HIGH	NC*		•		
	•			GOOD	HIGH	NC*	$\frac{3}{4}$ -1 $1\frac{3}{16}$ - $1\frac{1}{4}$ $1\frac{7}{16}$ - $1\frac{1}{2}$	•		
	•		•	HIGH	HIGH	PA	12,15,16 17,20,25 30,35,40	•		
	•		•	HIGH	HIGH	NC*		•		
	•		•	HIGH	HIGH	NC*	$\frac{3}{4}$ -1 $1\frac{3}{16}$ - $1\frac{1}{4}$ $1\frac{7}{16}$ - $1\frac{1}{2}$	•		
		•	•	•	HIGH	HIGH	PA	30,40	•	
		•	•	•	HIGH	HIGH	NC*		•	
			•	•	HIGH	HIGH	NC*	$1\frac{3}{16}$ - $1\frac{1}{4}$ $1\frac{1}{2}$	•	
		•			GOOD	HIGH	PP	30,40	•	
•			•	EXCELLENT	HIGH	PP	30,40	•		

<i>Housing in polyamide</i>	<i>Housing in polypropylene</i>	<i>Housing Nolu Clean</i>	<i>Housing in plastic, cover in stainless steel</i>	<i>Housing in stainless steel</i>	<i>Bearing in chrome steel</i>	<i>Bearing in stainless steel</i>	<b>Series</b>	<b>Page</b>
●					●	●	<b>UCF</b>	44
	●					●		
●					●		<b>UCF-R</b>	46
	●				●			
●					●		<b>UCF-RL</b>	48
	●				●			
●					●		<b>F</b>	50
	●				●			
●					●	●	<b>UCFQ</b>	52
		●			●	●		18
		●			●	●		28
●					●		<b>UCFQ-R</b>	54
		●			●			18
		●			●			28
●					●		<b>UCFQ-RL</b>	56
		●			●			18
		●			●			28
	●			●	●		<b>US</b>	58
	●			●	●		<b>US-R</b>	60

# PRODUCTION PROGRAM

Available versions

	Regreasable	Maintenance free bearing	Waterproof	Corrosion resistance	Mechanical resistance	Material	For shaft size Ø mm / inch	For plain shaft	For shouldered shaft
	•			GOOD	HIGH	PA	30, 35, 40	•	
	•		•	EXCELLENT	HIGH	PA		•	
		•	•	EXCELLENT	HIGH	PA		•	
	•			GOOD	HIGH	PA	20,25,30 35,40	•	
	•			GOOD	LOW	PP		•	
	•		•	MODERATE	HIGH	PA	20,25,30 35,40	•	
	•		•	EXCELLENT	GOOD	PP		•	
	•			MODERATE	HIGH	PA	12,15,16 17,20	•	
	•			EXCELLENT	LOW	PP		•	
	•		•	GOOD	HIGH	PA	12,15,16 17,20	•	
	•		•	GOOD	HIGH	PP		•	
	•			GOOD	HIGH	PA	12,15,16 17,20,25 30,35,40	•	
	•			GOOD	HIGH	NC*		•	
	•			GOOD	HIGH	NC*	<sup>3</sup> / <sub>4</sub> -1 1 <sup>3</sup> / <sub>16</sub> -1 <sup>1</sup> / <sub>4</sub> 1 <sup>7</sup> / <sub>16</sub> -1 <sup>1</sup> / <sub>2</sub>	•	
	•		•	HIGH	HIGH	PA	12,15,16 17,20,25 30,35,40	•	
	•		•	HIGH	HIGH	NC*		•	
	•		•	HIGH	HIGH	NC*	<sup>3</sup> / <sub>4</sub> -1 1 <sup>3</sup> / <sub>16</sub> -1 <sup>1</sup> / <sub>4</sub> 1 <sup>7</sup> / <sub>16</sub> -1 <sup>1</sup> / <sub>2</sub>	•	
		•	•	EXCELLENT	HIGH	PA	30, 40	•	
		•	•	EXCELLENT	HIGH	NC*		•	
			•	•	EXCELLENT	HIGH	NC*	1 <sup>3</sup> / <sub>16</sub> -1 <sup>1</sup> / <sub>4</sub> 1 <sup>1</sup> / <sub>2</sub>	•

<i>Housing in polyamide</i>	<i>Housing in polypropylene</i>	<i>Housing Nolu Clean</i>	<i>Housing in plastic, cover in stainless steel</i>	<i>Housing in stainless steel</i>	<i>Bearing in chrome steel</i>	<i>Bearing in stainless steel</i>	<b>Series</b>	<b>Page</b>
			●		●		<b>CS</b>	62
			●		●	●	<b>CS-R</b>	64
			●		●		<b>CS-RL</b>	66
●					●	●	<b>UCFL</b>	68
	●					●		
●					●		<b>UCFL-W</b>	70
	●				●			
●					●	●	<b>UFL</b>	72
	●					●		
●					●		<b>UFL-Z</b>	74
	●				●			
●					●	●	<b>UCFH</b>	76
		●			●	●		20
		●			●	●		30
●					●		<b>UCFH-R</b>	78
		●			●			20
		●			●			30
●					●		<b>UCFH-RL</b>	80
		●			●			20
		●			●			30

# PRODUCTION PROGRAM

Available versions

	Regreasable	Maintenance free bearing	Waterproof	Corrosion resistance	Mechanical resistance	Material	For shaft size Ø mm / inch	For plain shaft	For shouldered shaft
	•			GOOD	HIGH	PA	30, 35, 40	•	
	•		•	EXCELLENT	HIGH	PA		•	
	•	•	•	EXCELLENT	HIGH	PA		•	
	•			GOOD	HIGH	PA	12, 15, 16 17, 25	•	
	•			MODERATE	HIGH	PA	25, 30, 35	•	
	•			GOOD	LOW	PP		•	
	•		•	MODERATE	HIGH	PA	30, 35	•	
	•		•	EXCELLENT	GOOD	PP		•	
	•		•	GOOD	HIGH	PA	30/35 35/40		•
	•		•	HIGH	LOW	PP			•
	•			MODERATE	HIGH	PA	12, 15, 16 17, 20, 25 30, 35, 40	•	
	•			GOOD	LOW	PP		•	
	•			MODERATE	HIGH	NC *		•	
	•			MODERATE	HIGH	NC *	<sup>3</sup> / <sub>4</sub> - 1 1 <sup>3</sup> / <sub>16</sub> - 1 <sup>1</sup> / <sub>4</sub> 1 <sup>7</sup> / <sub>16</sub> - 1 <sup>1</sup> / <sub>2</sub>	•	
	•		•	MODERATE	HIGH	PA	12, 15, 16 17, 20, 25 30, 35, 40	•	
	•		•	EXCELLENT	GOOD	PP		•	
	•		•	MODERATE	HIGH	NC *		•	
	•		•	MODERATE	HIGH	NC *		<sup>3</sup> / <sub>4</sub> - 1 1 <sup>3</sup> / <sub>16</sub> - 1 <sup>1</sup> / <sub>4</sub> 1 <sup>7</sup> / <sub>16</sub> - 1 <sup>1</sup> / <sub>2</sub>	•

<i>Housing in polyamide</i>	<i>Housing in polypropylene</i>	<i>Housing Nolu Clean</i>	<i>Housing in plastic, cover in stainless steel</i>	<i>Housing in stainless steel</i>	<i>Bearing in chrome steel</i>	<i>Bearing in stainless steel</i>	<b>Series</b>	<b>Page</b>
			●		●		<b>CL</b>	82
			●		●	●	<b>CL-R</b>	84
			●		●		<b>CL-RL</b>	86
●					●	●	<b>UCFT</b>	88
●					●	●	<b>UCFC</b>	90
	●					●		
●					●		<b>UCFC-Y</b>	92
	●				●			
●					●		<b>FC</b>	94
	●				●			
●					●	●	<b>UCP</b>	96
	●					●		22
		●			●	●		32
		●			●	●		
●					●		<b>UCP-R</b>	98
	●				●			22
		●			●			32
		●			●			

# PRODUCTION PROGRAM

Available versions

	Regreasable	Maintenance free bearing	Waterproof	Corrosion resistance	Mechanical resistance	Material	For shaft size Ø mm / inch	For plain shaft	For shouldered shaft
	•			MODERATE	HIGH	PA	20, 25, 30	•	
	•			GOOD	LOW	PP		•	
	•			GOOD	LOW	NC *		•	
	•			GOOD	LOW	NC *	$\frac{3}{4}$ -1 1 $\frac{3}{16}$ -1 $\frac{1}{4}$	•	
	•		•	MODERATE	HIGH	PA	20, 25, 30	•	
	•		•	EXCELLENT	GOOD	PP		•	
	•		•	MODERATE	HIGH	NC *		•	
	•		•	MODERATE	HIGH	NC *	$\frac{3}{4}$ -1 1 $\frac{3}{16}$ -1 $\frac{1}{4}$	•	
	•			MODERATE	GOOD	PA	20,25,30	•	
	•			MODERATE	GOOD	NC *		•	
	•			MODERATE	GOOD	NC *	$\frac{3}{4}$ -1 1 $\frac{3}{16}$ -1 $\frac{1}{4}$	•	
	•		•	MODERATE	HIGH	PA	20,25,30	•	
	•		•	MODERATE	HIGH	NC *		•	
	•		•	MODERATE	HIGH	NC *	$\frac{3}{4}$ -1 1 $\frac{3}{16}$ -1 $\frac{1}{4}$	•	
	•			MODERATE	GOOD	PA	25,30,35	•	
	•		•	MODERATE	HIGH	PA		•	

<i>Housing in polyamide</i>	<i>Housing in polypropylene</i>	<i>Housing Nolu Clean</i>	<i>Housing in plastic, cover in stainless steel</i>	<i>Housing in stainless steel</i>	<i>Bearing in chrome steel</i>	<i>Bearing in stainless steel</i>	<b>Series</b>	<b>Page</b>
●					●	●	<b>UCPA</b>	100
	●					●		24
		●			●	●		34
●					●		<b>UCPA-R</b>	102
	●				●			24
		●			●			34
●					●	●	<b>UCFA</b>	104
		●			●	●		26
		●			●	●		36
●					●		<b>UCFA-R</b>	106
		●			●			26
		●			●			36
●					●	●	<b>UCFG</b>	108
●					●		<b>UCFG-R</b>	110

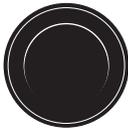
# PRODUCTION PROGRAM

Available versions

	Regreasable	Maintenance free bearing	Waterproof	Corrosion resistance	Mechanical resistance	Material	For shaft size Ø mm / inch	For plain shaft	For shouldered shaft
	•			MODERATE	HIGH	PA	20,25 30,35	•	
	•			GOOD	LOW	PP		•	
	•		•	MODERATE	HIGH	PA	20, 25 30, 35	•	
	•		•	EXCELLENT	GOOD	PP		•	
	•			MODERATE	GOOD	PA	20, 25 30, 35	•	
	•			HIGH	LOW	PP		•	
	•		•	MODERATE	HIGH	PA	20, 25 30, 35	•	
	•		•	EXCELLENT	GOOD	PP		•	
	•			MODERATE	GOOD	PA	20, 25 30, 35	•	
	•			HIGH	LOW	PP		•	
	•		•	MODERATE	HIGH	PA	20, 25 30, 35	•	
	•		•	EXCELLENT	GOOD	PP		•	
	•			MODERATE	HIGH	PA	12, 15, 16 17, 20	•	
	•			GOOD	LOW	PP		•	
	•		•	MODERATE	HIGH	PA	12, 15, 16 17, 20	•	
	•		•	EXCELLENT	GOOD	PP		•	
	•			GOOD	GOOD	PA	12,15,16 17,20	•	

<i>Housing in polyamide</i>	<i>Housing in polypropylene</i>	<i>Housing Nolu Clean</i>	<i>Housing in plastic, cover in stainless steel</i>	<i>Housing in stainless steel</i>	<i>Bearing in chrome steel</i>	<i>Bearing in stainless steel</i>	<b>Series</b>	<b>Page</b>
●					●	●	<b>UCT</b>	112
	●					●		
●					●		<b>UCT-R</b>	114
	●				●			
●					●	●	<b>UCHA</b>	116
	●					●		
●					●		<b>UCHA-R</b>	118
	●				●			
●					●	●	<b>UCHE</b>	120
	●					●		
●					●		<b>UCHE-R</b>	122
	●				●			
●					●	●	<b>SFL</b>	124
	●					●		
●					●		<b>SFL-Z</b>	126
	●				●			
●					●	●	<b>SQL</b>	128

		<i>Regreasable</i>	<i>Corrosion resistance</i>	<i>Mechanical resistance</i>	<i>For shaft size Ø mm / inch</i>	<i>Page</i>
<b>Standard bearing with grub screws</b>		•	<b>HIGH</b>	<b>GOOD</b>	12,15,16 17,20,25 30,35,40	132
Bearing in chrome steel - Protection rings in steel with NBR rubber						
<b>Standard bearing with eccentric ring</b>		•	<b>HIGH</b>	<b>GOOD</b>	12,15,16 17,20,25 30,35,40	132
Bearing in chrome steel - Protection rings in steel with NBR rubber						
<b>"S" lock bearing (improved locking system)</b>		•	<b>HIGH</b>	<b>GOOD</b>	20,25 30,35 40	134
Bearing in chrome steel - Protection rings in steel with NBR rubber						
<b>Stainless steel</b>		•	<b>EXCELLENT</b>	<b>GOOD</b>	20,25 30,35 40	133
Stainless steel bearing with Cr+Mo - Seals in NBR rubber - Protection rings in stainless steel						
<b>Maintenance free</b>			<b>HIGH</b>	<b>GOOD</b>	20,25 30,35 40	134
Bearing in chrome steel						

		<i>Page</i>
<p><b>Clip on safety caps closed version</b></p>		<ul style="list-style-type: none"> <li>• Clip-on safety cap in polypropylene</li> <li>• Closed version</li> <li>• Colour: safety cap in yellow (for sufficient quantities parts can be produced in different colours)</li> </ul>
<p><b>Clip on safety caps open version</b></p>		<ul style="list-style-type: none"> <li>• Clip-on safety cap in polypropylene</li> <li>• Open version</li> <li>• Colour: safety cap in yellow (for sufficient quantities parts can be produced in different colours)</li> </ul>
<p><b>Safety caps closed version for waterproof supports</b></p>		<ul style="list-style-type: none"> <li>• Clip-on safety cap in polypropylene</li> <li>• Clip-on safety cap for support in polyamide with heavy duty O-Ring in NBR-rubber.</li> <li>• Clip-on safety cap for support in polypropylene with heavy duty O-Ring in VITON-rubber.</li> <li>• Colour: safety cap in yellow (for sufficient quantities parts can be produced in different colours)</li> </ul>
<p><b>Safety caps open version for waterproof supports</b></p>		<ul style="list-style-type: none"> <li>• Clip-on safety cap in polypropylene</li> <li>• Clip-on safety cap for support in polyamide with rotary shaft seal ring and heavy duty O-Ring in NBR-rubber.</li> <li>• Clip-on safety cap for support in polypropylene with rotary shaft seal ring and heavy duty O-Ring in VITON-rubber.</li> <li>• Colour: safety cap in yellow (for sufficient quantities parts can be produced in different colours)</li> </ul>

# NOLU - CLEAN BEARING SUPPORTS

## Why bearing supports in thermoplastic material?

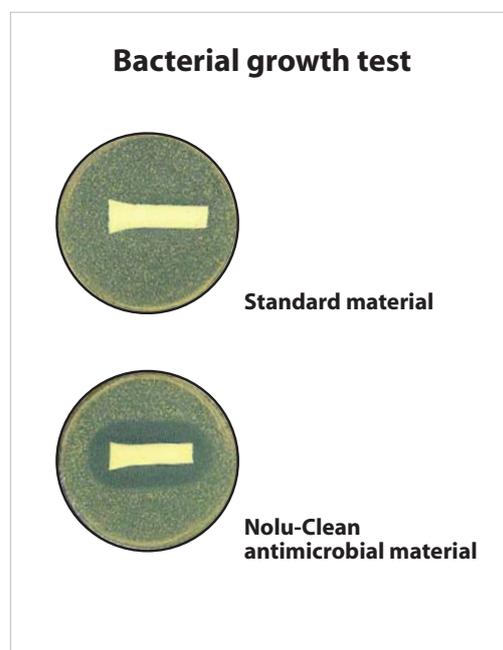
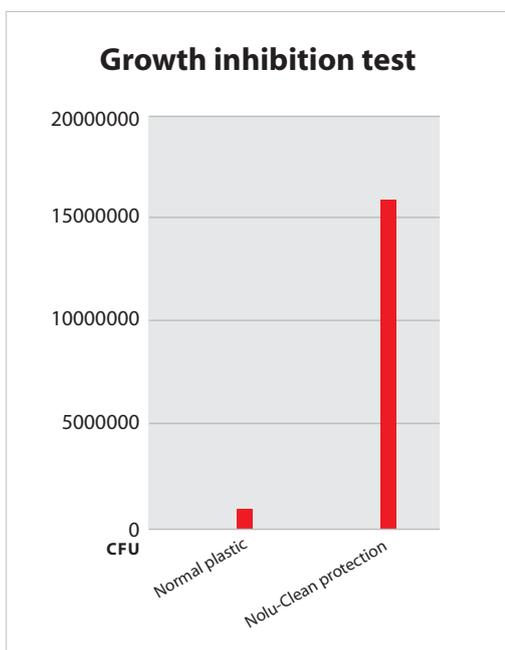
In many different industries, such as food, chemical and pharmaceutical, material handling and even agriculture, bearings must provide for long periods of uninterrupted service. Therefore, a bearing offering low maintenance and “trouble-free” operation must be introduced. System Plast intends to offer the solution with its thermoplastic bearings. The constant evolution of the Bearing Line range enables System Plast to provide a suitable product for a wide variety of applications, extending to the most challenging.

## Why Nolu-Clean?

Hygiene has become an important issue in a number of areas in filling and packaging lines. Nolu-Clean is a new antimicrobial material for improved hygiene. To support the effectiveness of your cleaning efforts, System Plast offers the possibility to use Nolu-Clean with chains and a range of components.

## Features

Nolu-Clean, the new antimicrobial material for improved hygiene, is listed for industrial use in many countries including Australia, Canada, China, Korea, the Philippines, the USA, Japan and most European countries. Nolu-Clean inhibits growth of bacteria, molds and yeasts, provides odor control and hygiene maintenance, and is durable.





**Nolu-Clean**<sup>®</sup>

**BEARING SUPPORTS**

- "Metric Version" ..... pages 18-27* ●
- "Imperial Version" ..... pages 28-37* ●
- "Safety Cap"..... pages 38-41* ●

## UCFQ STANDARD VERSION

Without protection



Ø d mm	Safety cap code accessory	SHAFT LOCKING WITH			
		Grub Screws	Eccentric Ring	Grub Screws	Grub Screws
		Support code	Support code	Support code	Support code
12	50008CG	50201CG-EC	50201CGB-EC	-	-
15	50008CG	50202CG-EC	50202CGB-EC	-	-
16	50008CG	50016CG-EC	50016CGB-EC	-	-
17	50008CG	50203CG-EC	50203CGB-EC	-	-
20	50007CG	50204CG-EC	50204CGB-EC	50204CG/SS-EC	50204CGC-EC
25	50011CG	50205CG-EC	50205CGB-EC	50205CG/SS-EC	50205CGC-EC
30	50001CG	50206CG-EC	50206CGB-EC	50206CG/SS-EC	50206CGC-EC
35	50004CG	50207CG-EC	50207CGB-EC	50207CG/SS-EC	50207CGC-EC
40	50002CG	50208CG-EC	50208CGB-EC	50208CG/SS-EC	50208CGC-EC



Adjustable ball bearing in ► CHROME STEEL CHROME STEEL STAINLESS STEEL CORROSION FREE



series UCFQ



Plain Shaft



Ø mm



Nolu-Clean

## UCFQ-R WATERPROOF VERSION



Ø d mm	SHAFT LOCKING WITH			
	Grub Screws		Eccentric Ring	
	Closed	Open	Closed	Open
12	50201CGR-EC	55201CGR-EC	50201CGRB-EC	55201CGRB-EC
15	50202CGR-EC	55202CGR-EC	50202CGRB-EC	55202CGRB-EC
16	50016CGR-EC	55016CGR-EC	50016CGRB-EC	55016CGRB-EC
17	50203CGR-EC	55203CGR-EC	50203CGRB-EC	55203CGRB-EC
20	50204CGR-EC	55204CGR-EC	50204CGRB-EC	55204CGRB-EC
25	50205CGR-EC	55205CGR-EC	50205CGRB-EC	55205CGRB-EC
30	50206CGR-EC	55206CGR-EC	50206CGRB-EC	55206CGRB-EC
35	50207CGR-EC	55207CGR-EC	50207CGRB-EC	55207CGRB-EC
40	50208CGR-EC	55208CGR-EC	50208CGRB-EC	55208CGRB-EC



Adjustable ball bearing in ▼

CHROME STEEL CHROME STEEL CHROME STEEL CHROME STEEL



series UCFQ-R



Plain Shaft



Ø mm



Waterproof



Nolu-Clean

## UCFQ-RL MAINTENANCE FREE



Ø d mm	SHAFT LOCKING WITH GRUB SCREWS	
	Closed	Open
30	50206CGRL-EC	55206CGRL-EC
40	50208CGRL-EC	55208CGRL-EC



series UCFQ-RL



Plain Shaft



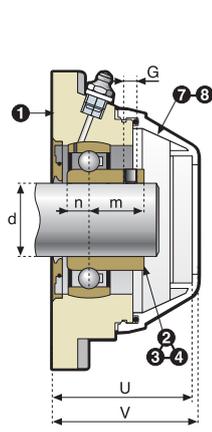
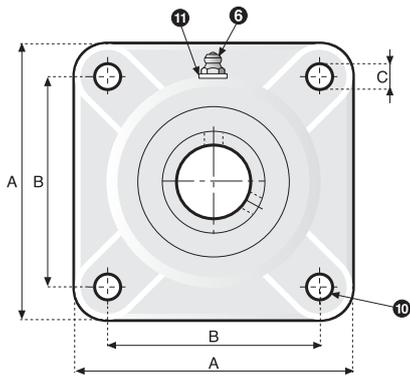
Ø mm



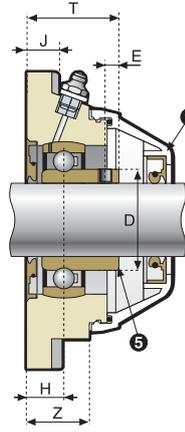
Waterproof



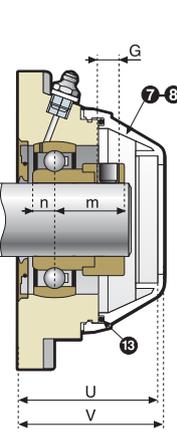
Nolu-Clean



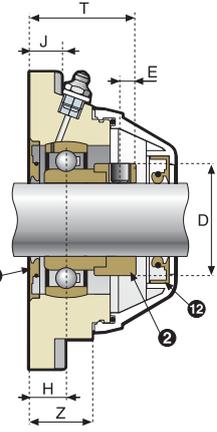
closed version with grub screws



open version with grub screws



closed version with eccentric ring



open version with eccentric ring

**COMPONENTS**

- 1 Housing in plastic material.
- 2 Adjustable ball bearing in chrome steel, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Adjustable ball bearing in stainless steel, pre-lubricated by means of grease-nipple or a quick coupler.
- 4 Adjustable ball bearing in corrosion free, pre-lubricated by means of grease-nipple or a quick coupler
- 5 High quality maintenance free ball bearing.
- 6 Ball-type grease-nipple.
- 7 Clip-on safety cap (closed version).
- 8 Clip-on safety cap (accessory). Open version achievable by pressing in the shaft against the internal side of the cap.
- 9 Clip-on safety cap (open version).
- 10 Spacers to reinforce bolt holes.
- 11 Washer for grease-nipple in polyethylene.
- 12 Rotary shaft seal ring with extra dust-protection lip.
- 13 Heavy duty O-Ring.

n	UCFQ	UCFQ-R	UCFQ-RL
.1	Yes	Yes	Yes
.2	Yes	Yes	No
.3	Yes	No	No
.4	Yes	No	No
.5	No	No	Yes
.6	Yes	Yes	No
.7	No	Yes	Yes
.8	Yes	No	No
.9	No	Yes	Yes
.10	Yes	Yes	Yes
.11	Yes	Yes	No
.12	No	Yes	Yes
.13	No	Yes	Yes

**TECHNICAL INFORMATION**

- Complete sealed units. (only for UCFQ-R, UCFQ-RL)
- Resistance to corrosion.
- High load capacity.
- Good dimensional stability at the maximum indicated temperature
- Self-alignment: Max misalignment between shaft and housing=2.0°
- Low maintenance and trouble-free operation.
- Easy Cleaning.
- Ball bearing pre-lubricated with long-life grease, which is ideal in applications within humid conditions, water, alkaline or acid solutions. (only for UCFQ-RL)
- Concept and design to meet all safety requirements.
- Interchangeable : Interchangeable with standard cast iron flanged supports.
- Application in the food, beverage and pharmaceutical industry.
- Maintenance free. (only for UCFQ-RL)

Ø d mm	dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)
	A	B	C	D	E	G	H	J	Z	T	m	n	U	V	dynamic C (N)	static Co (N)	
<b>SHAFT LOCKING WITH GRUB SCREWS (Chrome steel / Corrosion free)</b>																	
12	76	54	11	24.2	5.3	M6x0.75	16.5	10	26	32.5	16	6	47	49	7300	4760	9000
15	76	54	11	24.2	5.3	M6x0.75	16.5	10	26	32.5	16	6	47	49	7300	4760	9000
16	76	54	11	24.2	5.3	M6x0.75	16.5	10	26	32.5	16	6	47	49	7300	4760	9000
17	76	54	11	24.2	5.3	M6x0.75	16.5	10	26	32.5	16	6	47	49	7300	4760	9000
20	86	63.5	11	28.5	5.4	M6x0.75	15.5	10	26	33.7	18.2	7	47.5	49.5	9850	6580	10000
25	95	70	11	34	5.4	M6x0.75	17	12.5	29	36.5	19.5	7.5	52.2	54.2	10800	7800	10800
30	108	82.5	11	40	5.9	M6x0.75	14.5	12.5	29	36.5	22	8	50.7	52.7	15000	11300	11500
35	118	92	14	46.7	7.4	M6x0.75	18	16	33	43.5	25.5	9.5	63.7	65.7	19700	15300	12000
40	130	101.5	14	52.7	8	M8x1.00	18	16	35	50.1	32.1	9	63.2	65.2	22400	17900	12500
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																	
12	76	54	11	28.5	5	M6x0.75	16.5	10	26	38.5	22	6	47	49	7300	4760	9000
15	76	54	11	28.5	5	M6x0.75	16.5	10	26	38.5	22	6	47	49	7300	4760	9000
16	76	54	11	28.5	5	M6x0.75	16.5	10	26	38.5	22	6	47	49	7300	4760	9000
17	76	54	11	28.5	5	M6x0.75	16.5	10	26	38.5	22	6	47	49	7300	4760	9000
20	86	63.5	11	33.3	5	M6x0.75	15.5	10	26	39.1	23.6	7.5	47.5	49.5	9850	6580	10000
25	95	70	11	38	5	M6x0.75	17	12.5	29	40.6	23.6	7.5	52.2	54.2	10800	7800	10800
30	108	82.5	11	44.5	6.2	M8x1.00	14.5	12.5	29	41.4	26.9	9	50.7	52.7	15000	11300	11500
35	118	92	14	55.6	7	M10x1.25	18	16	33	47.6	29.6	9.5	63.7	65.7	19700	15300	12000
40	130	101.5	14	60.3	7	M10x1.25	18	16	35	52.6	34.6	9	63.2	65.2	22400	17900	12500
<b>STAINLESS STEEL BEARING (with grub screws)</b>																	
20	86	63.5	11	28.5	5.4	M6x0.75	15.5	10	26	33.7	18.2	7.6	47.5	49.5	7300	4900	9000
25	95	70	11	34	5.4	M6x0.75	17	12.5	29	36.8	19.8	7.6	52.2	54.2	8100	5800	10000
30	108	82.5	11	40	5.9	M6x0.75	14.5	12.5	29	36.8	22.2	9	50.7	52.7	11250	8400	10800
35	118	92	14	46.7	7.4	M6x0.75	18	16	33	43.4	25.4	9.6	63.7	65.7	14700	11400	11500
40	130	101.5	14	52.7	8	M8x1.00	18	16	35	48.1	30.1	11	63.2	65.2	16800	13400	12500

**VERSION IN POLYAMIDE (PA) MATERIALS**

- Reinforced polyamide housing.
- Safety cap in polypropylene (accessory for UCFQ).
- Spacers in nickel plated brass.

**COLOUR**

- Bearing support in white.
- Safety cap in white.



accessory for standard version

New line of flange bearings created through new technology which will help equipment builders meet the requirements of the USDA and other government agencies as they relate to the prevention of contamination of food products and the growth of bacteria.

## UCFH STANDARD VERSION

Without protection



Ø d mm	Safety cap code accessory	SHAFT LOCKING WITH			
		Grub Screws	Eccentric Ring	Grub Screws	Grub Screws
		Support code	Support code	Support code	Support code
12	50008CG	54201CG-EC	54201CGB-EC	-	-
15	50008CG	54202CG-EC	54202CGB-EC	-	-
16	50008CG	54016CG-EC	54016CGB-EC	-	-
17	50008CG	54203CG-EC	54203CGB-EC	-	-
20	50007CG	54204CG-EC	54204CGB-EC	54204CG/SS-EC	54204CGC-EC
25	50011CG	54205CG-EC	54205CGB-EC	54205CG/SS-EC	54205CGC-EC
30	50001CG	54206CG-EC	54206CGB-EC	54206CG/SS-EC	54206CGC-EC
35	50004CG	54207CG-EC	54207CGB-EC	54207CG/SS-EC	54207CGC-EC
40	50002CG	54208CG-EC	54208CGB-EC	54208CG/SS-EC	54208CGC-EC



Adjustable ball bearing in ► CHROME STEEL CHROME STEEL STAINLESS STEEL CORROSION FREE



series UCFH



Plain Shaft



Ø mm



Nolu-Clean

## UCFH-R WATERPROOF VERSION



Ø d mm	SHAFT LOCKING WITH			
	Grub Screws		Eccentric Ring	
	Closed	Open	Closed	Open
12	54201CGR-EC	59201CGR-EC	54201CGRB-EC	59201CGRB-EC
15	54202CGR-EC	59202CGR-EC	54202CGRB-EC	59202CGRB-EC
16	54016CGR-EC	59016CGR-EC	54016CGRB-EC	59016CGRB-EC
17	54203CGR-EC	59203CGR-EC	54203CGRB-EC	59203CGRB-EC
20	54204CGR-EC	59204CGR-EC	54204CGRB-EC	59204CGRB-EC
25	54205CGR-EC	59205CGR-EC	54205CGRB-EC	59205CGRB-EC
30	54206CGR-EC	59206CGR-EC	54206CGRB-EC	59206CGRB-EC
35	54207CGR-EC	59207CGR-EC	54207CGRB-EC	59207CGRB-EC
40	54208CGR-EC	59208CGR-EC	54208CGRB-EC	59208CGRB-EC



▼ Adjustable ball bearing in ▼

CHROME STEEL CHROME STEEL CHROME STEEL CHROME STEEL



series UCFH-R



Plain Shaft



Ø mm



Waterproof



Nolu-Clean

## UCFH-RL MAINTENANCE FREE



Ø d mm	SHAFT LOCKING WITH GRUB SCREWS	
	Closed	Open
30	54206CGRL-EC	59206CGRL-EC
40	54208CGRL-EC	59208CGRL-EC



series UCFH-RL



Plain Shaft



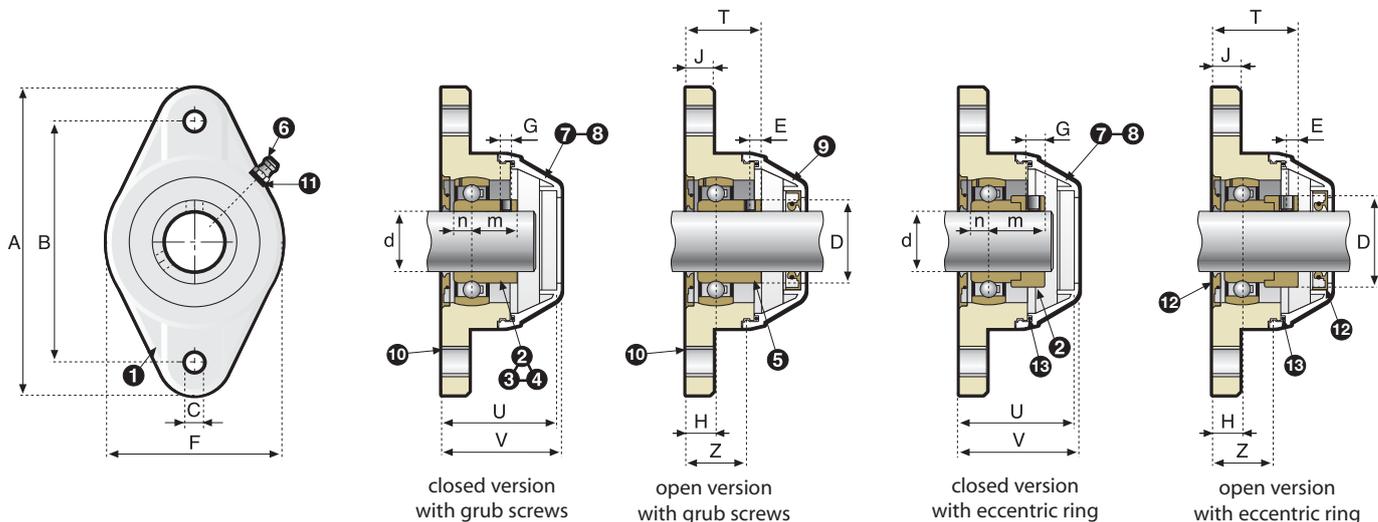
Ø mm



Waterproof



Nolu-Clean



**COMPONENTS**

	<b>n</b>	<b>UCFH</b>	<b>UCFH-R</b>	<b>UCFH-RL</b>
Housing in plastic material.	.1	Yes	Yes	Yes
Adjustable ball bearing in chrome steel, pre-lubricated by means of grease-nipple or a quick coupler.	.2	Yes	Yes	No
Adjustable ball bearing in stainless steel, pre-lubricated by means of grease-nipple or a quick coupler.	.3	Yes	No	No
Adjustable ball bearing in corrosion free, pre-lubricated by means of grease-nipple or a quick coupler	.4	Yes	No	No
High quality maintenance free ball bearing.	.5	No	No	Yes
Ball-type grease-nipple.	.6	Yes	Yes	No
Clip-on safety cap (closed version).	.7	No	Yes	Yes
Clip-on safety cap (accessory). Open version achievable by pressing in the shaft against the internal side of the cap.	.8	Yes	No	No
Clip-on safety cap (open version).	.9	No	Yes	Yes
Spacers to reinforce bolt holes.	.10	Yes	Yes	Yes
Washer for grease-nipple in polyethylene.	.11	Yes	Yes	No
Rotary shaft seal ring with extra dust-protection lip.	.12	No	Yes	Yes
Heavy duty O-Ring.	.13	No	Yes	Yes

**TECHNICAL INFORMATION**

- Complete sealed units. (only for UCFH-R, UCFH-RL)
- Resistance to corrosion.
- High load capacity.
- Good dimensional stability at the maximum indicated temperature
- Self-alignment: Max misalignment between shaft and housing=2,0°
- Low maintenance and trouble-free operation.
- Easy Cleaning.
- Ball bearing pre-lubricated with long-life grease, which is ideal in applications within humid conditions, water, alkaline or acid solutions. (only for UCFH-RL)
- Concept and design to meet all safety requirements.
- Interchangeable : Interchangeable with standard cast iron flanged supports.
- Application in the food, beverage and pharmaceutical industry.
- Maintenance free. (only for UCFH-RL)

Ø d mm	dimensions (mm)															bearing load ratings		max. radial load capacity on plastic housing PA (N)
	A	B	C	D	E	F	G	H	J	Z	T	m	n	U	V	dynamic C (N)	static Co (N)	
<b>SHAFT LOCKING WITH GRUB SCREWS (Chrome steel / Corrosion free)</b>																		
12	99	76.5	11	24.2	5.3	56	M6x0.75	16.5	10	26	32.5	16	6	46.5	48.5	7300	4760	6500
15	99	76.5	11	24.2	5.3	56	M6x0.75	16.5	10	26	32.5	16	6	46.5	48.5	7300	4760	6500
16	99	76.5	11	24.2	5.3	56	M6x0.75	16.5	10	26	32.5	16	6	46.5	48.5	7300	4760	6500
17	99	76.5	11	24.2	5.3	56	M6x0.75	16.5	10	26	32.5	16.8	6	46.5	48.5	7300	4760	6500
20	114	90	11	28.5	5.4	64	M6x0.75	15.5	10	26	33.7	18.2	7	47.5	49.5	9850	6580	7500
25	130	99	11	34	5.4	70	M6x0.75	17	12.5	29	36.5	19.5	7.5	52.2	54.2	10800	7800	8000
30	148	117	11	40	5.9	84	M6x0.75	14.5	12.5	29	36.5	22	8	50.7	52.7	15000	11300	8800
35	163	130	14	46.7	7.4	90	M6x0.75	18	16	33	43.5	25.5	9.5	63.7	65.7	19700	15300	9000
40	175	144	14	52.7	8	100	M8x1.00	18	20	35	50.1	32.1	9	63.2	65.2	22400	17900	12500
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																		
12	99	76.5	11	28.5	5	56	M6x0.75	16.5	10	26	38.5	22	6	46.5	48.5	7300	4760	6500
15	99	76.5	11	28.5	5	56	M6x0.75	16.5	10	26	38.5	22	6	46.5	48.5	7300	4760	6500
16	99	76.5	11	28.5	5	56	M6x0.75	16.5	10	26	38.5	22	6	46.5	48.5	7300	4760	6500
17	99	76.5	11	28.5	5	56	M6x0.75	16.5	10	26	38.5	22	6	46.5	48.5	7300	4760	6500
20	114	90	11	33.3	5	64	M6x0.75	15.5	10	26	39.1	23.6	7.5	47.5	49.5	9850	6580	7500
25	130	99	11	38	5	70	M6x0.75	17	12.5	29	40.6	23.6	7.5	52.2	54.2	10800	7800	8000
30	148	117	11	44.5	6.2	84	M8x1.00	14.5	12.5	29	41.4	26.9	9	50.7	52.7	15000	11300	8800
35	163	130	14	55.6	7	90	M10x1.25	18	16	33	47.6	29.6	9.5	63.7	65.7	19700	15300	9000
40	175	144	14	60.3	7	100	M10x1.25	18	20	35	52.6	34.6	9	63.2	65.2	22400	17900	12500
<b>STAINLESS STEEL BEARING (with grub screws)</b>																		
20	114	90	11	28.5	5.4	64	M6x0.75	15.5	10	26	33.7	18.2	7.6	47.5	49.5	7300	4900	7500
25	130	99	11	34	5.4	70	M6x0.75	17	12.5	29	36.8	19.8	7.6	52.2	54.2	8100	5800	8000
30	148	117	11	40	5.9	84	M6x0.75	14.5	12.5	29	36.8	22.2	9	50.7	52.7	11250	8400	8800
35	163	130	14	46.7	7.4	90	M6x0.75	18	16	33	43.4	25.4	9.6	63.7	65.7	14700	11400	9000
40	175	144	14	52.7	8	100	M8x1.00	18	20	35	48.1	30.1	11	63.2	65.2	16800	13400	12500

**VERSION IN POLYAMIDE (PA) MATERIALS**

- Reinforced polyamide housing.
- Safety cap in polypropylene (accessory for UCFH).
- Spacers in nickel plated brass.

**COLOUR**

- Bearing support in white.
- Safety cap in white.



accessory for standard version

New line of flange bearings created through new technology which will help equipment builders meet the requirements of the USDA and other government agencies as they relate to the prevention of contamination of food products and the growth of bacteria.

## UCP STANDARD VERSION

Without protection



Ø d mm	Safety cap code accessory	SHAFT LOCKING WITH			
		Grub Screws	Eccentric Ring	Grub Screws	Grub Screws
		Support code	Support code	Support code	Support code
12	50013CG	53201CG	53201CGB	-	-
15	50013CG	53202CG	53202CGB	-	-
16	50013CG	53016CG	53016CGB	-	-
17	50013CG	53203CG	53203CGB	-	-
20	50013CG	53204CG	53204CGB	53204CG/SS	53204CGC
25	50009CG	53205CG	53205CGB	53205CG/SS	53205CGC
30	50010CG	53206CG	53206CGB	53206CG/SS	53206CGC
35	50010CG	53207CG	53207CGB	53207CG/SS	53207CGC
40	50014CG	53208CG	53208CGB	53208CG/SS	53208CGC



Adjustable ball bearing in ► CHROME STEEL CHROME STEEL STAINLESS STEEL CORROSION FREE



series UCP



Plain Shaft



Ø mm



Nolu-Clean

## UCP-R WATERPROOF VERSION



Ø d mm	SHAFT LOCKING WITH			
	Grub Screws		Eccentric Ring	
	Closed	Open	Closed	Open
12	53201CGR	58201CGR	53201CGRB	58201CGRB
15	53202CGR	58202CGR	53202CGRB	58202CGRB
16	53016CGR	58016CGR	53016CGRB	58016CGRB
17	53203CGR	58203CGR	53203CGRB	58203CGRB
20	53204CGR	58204CGR	53204CGRB	58204CGRB
25	53205CGR	58205CGR	53205CGRB	58205CGRB
30	53206CGR	58206CGR	53206CGRB	58206CGRB
35	53207CGR	58207CGR	53207CGRB	58207CGRB
40	53208CGR	58208CGR	53208CGRB	58208CGRB



▼ Adjustable ball bearing in ▼

CHROME STEEL

CHROME STEEL

CHROME STEEL

CHROME STEEL



series UCP-R



Plain Shaft



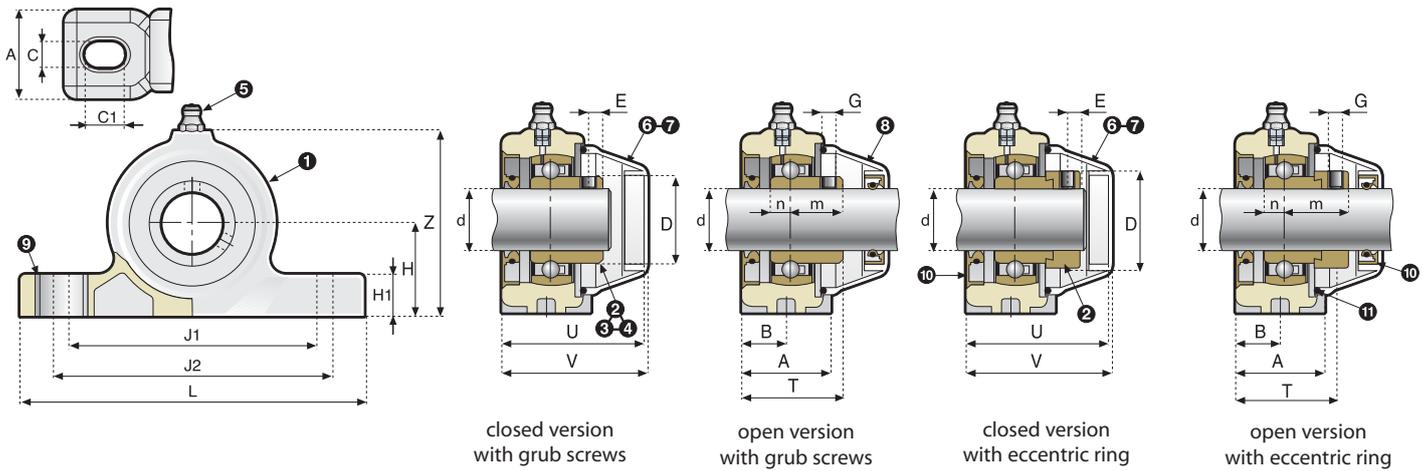
Ø mm



Waterproof



Nolu-Clean



**COMPONENTS**

- .1 Housing in plastic material.
- .2 Adjustable ball bearing in chrome steel, pre-lubricated by means of grease-nipple or a quick coupler.
- .3 Adjustable ball bearing in stainless steel, pre-lubricated by means of grease-nipple or a quick coupler.
- .4 Adjustable ball bearing in corrosion free, pre-lubricated by means of grease-nipple or a quick coupler
- .5 Ball-type grease-nipple.
- .6 Clip-on safety cap (closed version).
- .7 Clip-on safety cap (accessory). Open version achievable by pressing in the shaft against the internal side of the cap.
- .8 Clip-on safety cap (open version).
- .9 Spacers to reinforce bolt holes.
- .10 Rotary shaft seal ring with extra dust-protection lip.
- .11 Heavy duty O-Ring.

n	UCP	UCP-R
.1	Yes	Yes
.2	Yes	Yes
.3	Yes	No
.4	Yes	No
.5	Yes	Yes
.6	No	Yes
.7	Yes	No
.8	No	Yes
.9	Yes	Yes
.10	No	Yes
.11	No	Yes

**TECHNICAL INFORMATION**

- Complete sealed units. (only for UCP-R)
- Resistance to corrosion.
- High load capacity.
- Good dimensional stability at the maximum indicated temperature
- Self-alignment: Max misalignment between shaft and housing=2.0°
- Low maintenance and trouble-free operation.
- Easy Cleaning.
- Concept and design to meet all safety requirements.
- Interchangeable : Interchangeable with standard cast iron flanged supports.
- Application in the food, beverage and pharmaceutical industry.

Ø d mm	dimensions (mm)																bearing load ratings		max. radial load capacity on plastic housing PA (N)		
	A	B	C	C1	D	E	G	H	H1	L	Z	J1	J2	T	m	n	U	V		dynamic C (N)	static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS (Chrome steel / Corrosion free)</b>																					
12	30	18.5	11	17	24.2	5.3	M6x0.75	30.2	16	125	61	89	101	34.5	16	6	50	52	7300	4760	6500
15	30	18.5	11	17	24.2	5.3	M6x0.75	30.2	16	125	61	89	101	34.5	16	6	50	52	7300	4760	6500
16	30	18.5	11	17	24.2	5.3	M6x0.75	30.2	16	125	61	89	101	34.5	16	6	50	52	7300	4760	6500
17	30	18.5	11	17	24.2	5.3	M6x0.75	30.2	16	125	61	89	101	34.5	16	6	50	52	7300	4760	6500
20	31	18	11	17	28.5	5.4	M6x0.75	33.3	16	127	67	91	103	36.2	18.2	7	50.5	52.5	9850	6580	8500
25	35	20	11	17	34	5.4	M6x0.75	36.5	16	135	72.5	97	109	39.5	19.5	7.5	55	57	10800	7800	10000
30	41	24	13	22	40	5.9	M6x0.75	42.9	21.5	156	87	111	129	46	22	8	65	67	15000	11300	12000
35	45	25.5	13	22	46.7	7.4	M6x0.75	47.6	21.5	164	95	117	135	51	25.5	9.5	67	69	19700	15300	12500
40	48	20	13	22	52.7	8	M8x1.00	49.2	21.5	179	100	129	147	52.1	32.1	9	63	65	22400	17900	13000
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																					
12	30	18.5	11	17	28.5	5	M6x0.75	30.2	16	125	61	89	101	40.5	22	6	50	52	7300	4760	6500
15	30	18.5	11	17	28.5	5	M6x0.75	30.2	16	125	61	89	101	40.5	22	6	50	52	7300	4760	6500
16	30	18.5	11	17	28.5	5	M6x0.75	30.2	16	125	61	89	101	40.5	22	6	50	52	7300	4760	6500
17	30	18.5	11	17	28.5	5	M6x0.75	30.2	16	125	61	89	101	40.5	22	6	50	52	7300	4760	6500
20	31	18	11	17	33.3	5	M6x0.75	33.3	16	127	67	91	103	41.6	23.6	7.5	50.5	52.5	9850	6580	8500
25	35	20	11	17	38	5	M6x0.75	36.5	16	135	72.5	97	109	43.6	23.6	7.5	55	57	10800	7800	10000
30	41	24	13	22	44.5	6.2	M8x1.00	42.9	21.5	156	87	111	129	50.9	26.9	9	65	67	15000	11300	12000
35	45	25.5	13	22	55.6	7	M10x1.25	47.6	21.5	164	95	117	135	55.1	29.6	9.5	67	69	19700	15300	12500
40	48	20	13	22	60.3	7	M10x1.25	49.2	21.5	179	100	129	147	54.6	34.6	9	63	65	22400	17900	13000
<b>STAINLESS STEEL BEARING (with grub screws)</b>																					
20	31	18	11	17	28.5	5.4	M6x0.75	33.3	16	127	67	91	103	36.2	18.2	7.6	50.5	52.5	7300	4900	8500
25	35	20	11	17	34	5.4	M6x0.75	36.5	16	135	72.5	97	109	39.8	19.8	7.6	55	57	8100	5800	10000
30	41	24	13	22	40	5.9	M6x0.75	42.9	21.5	156	87	111	129	46.2	22.2	9	65	67	11250	8400	12000
35	45	25.5	13	22	46.7	7.4	M6x0.75	47.6	21.5	164	95	117	135	50.9	25.4	9.6	67	69	14700	11400	12500
40	48	20	13	22	52.7	8	M8x1.00	49.2	21.5	179	100	129	147	50.1	30.1	11	63	65	16800	13400	13000

**VERSION IN POLYAMIDE (PA) MATERIALS**

- Reinforced polyamide housing.
- Safety cap in polypropylene (accessory for UCP).
- Spacers in nickel plated brass.

**COLOUR**

- Bearing support in white.
- Safety cap in white.



accessory for standard version

New line of flange bearings created through new technology which will help equipment builders meet the requirements of the USDA and other government agencies as they relate to the prevention of contamination of food products and the growth of bacteria.

## UCPA STANDARD VERSION

Without protection



Ø d mm	Safety cap code accessory	SHAFT LOCKING WITH			
		Grub Screws	Eccentric Ring	Grub Screws	Grub Screws
		Support code	Support code	Support code	Support code
20	50008CG	53204CGA	53204CGAB	53204CGA/SS	53204CGAC
25	50007CG	53205CGA	53205CGAB	53205CGA/SS	53205CGAC
30	50003A.CG	53206CGA	53206CGAB	53206CGA/SS	53206CGAC
Adjustable ball bearing in ▶		CHROME STEEL	CHROME STEEL	STAINLESS STEEL	CORROSION FREE



series UCPA



Plain Shaft



Ø mm



Nolu-Clean

## UCPA-R WATERPROOF VERSION



Ø d mm	SHAFT LOCKING WITH				
	Grub Screws		Eccentric Ring		
	Closed	Open	Closed	Open	
20	53204CGAR	58204CGAR	53204CGARB	58204CGARB	
25	53205CGAR	58205CGAR	53205CGARB	58205CGARB	
30	53206CGAR	58206CGAR	53206CGARB	58206CGARB	
Adjustable ball bearing in ▼		CHROME STEEL	CHROME STEEL	CHROME STEEL	CHROME STEEL



series UCPA-R



Plain Shaft



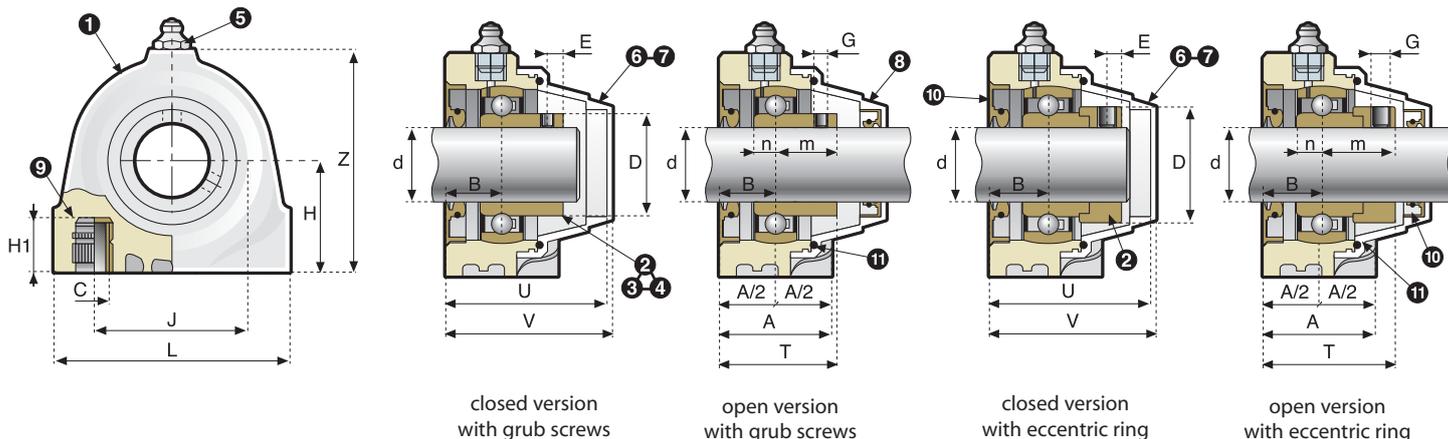
Ø mm



Waterproof



Nolu-Clean



**COMPONENTS**

	n	UCPA	UCPA-R
Housing in plastic material.	.1	Yes	Yes
Adjustable ball bearing in chrome steel, pre-lubricated by means of grease-nipple or a quick coupler.	.2	Yes	Yes
Adjustable ball bearing in stainless steel, pre-lubricated by means of grease-nipple or a quick coupler.	.3	Yes	No
Adjustable ball bearing in corrosion free, pre-lubricated by means of grease-nipple or a quick coupler	.4	Yes	No
Ball-type grease-nipple.	.5	Yes	Yes
Clip-on safety cap (closed version).	.6	No	Yes
Clip-on safety cap (accessory). Open version achievable by pressing in the shaft against the internal side of the cap.	.7	Yes	No
Clip-on safety cap (open version).	.8	No	Yes
Threaded bush.	.9	Yes	Yes
Rotary shaft seal ring with extra dust-protection lip.	.10	No	Yes
Heavy duty O-Ring.	.11	No	Yes

**TECHNICAL INFORMATION**

- Complete sealed units. (only for UCPA-R)
- Resistance to corrosion.
- High load capacity.
- Good dimensional stability at the maximum indicated temperature
- Self-alignment: Max misalignment between shaft and housing=2.0°
- Low maintenance and trouble-free operation.
- Easy Cleaning.
- Concept and design to meet all safety requirements.
- Interchangeable : Interchangeable with standard cast iron flanged supports.
- Application in the food, beverage and pharmaceutical industry.

Ø d mm	dimensions (mm)															bearing load ratings		max. radial load capacity on plastic housing PA (N)	
	A	B	C	D	E	G	H	H1	L	Z	J	T	m	n	U	V	dynamic C (N)		static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS (Chrome steel / Corrosion free)</b>																			
20	32	17.5	M8	28.5	5.4	M6x0.75	33.3	16	70	65	50.8	35.7	18.2	7	49	51	9850	6580	6500
25	36	19.5	M10	34	5.4	M6x0.75	36.5	16	75	72	50.8	39	19.5	7.5	54	56	10800	7800	7800
30	40	20	M10	40	5.9	M6x0.75	42.9	24	98	85	76.2	42	22	8	59	61	15000	11300	11000
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																			
20	32	17.5	M8	33.3	5	M6x0.75	33.3	16	70	65	50.8	41.1	23.6	7.5	49	51	9850	6580	6500
25	36	19.5	M10	38	5	M6x0.75	36.5	16	75	72	50.8	43.1	23.6	7.5	54	56	10800	7800	7800
30	40	20	M10	44.5	6.2	M8x1.00	42.9	24	98	85	76.2	46.9	26.9	9	59	61	15000	11300	11000
<b>STAINLESS STEEL BEARING (with grub screws)</b>																			
20	32	17.5	M8	28.5	5.4	M6x0.75	33.3	16	70	65	50.8	35.7	18.2	7.6	49	51	7300	4900	6500
25	36	19.5	M10	34	5.4	M6x0.75	36.5	16	75	72	50.8	39.3	19.8	7.6	54	56	8100	5800	7800
30	40	20	M10	40	5.9	M6x0.75	42.9	24	98	85	76.2	42.2	22.2	9	59	61	11250	8400	11000

**VERSION IN POLYAMIDE (PA) MATERIALS**

- Reinforced polyamide housing.
- Safety cap in polypropylene (accessory for UCPA).
- Spacers in nickel plated brass.

**COLOUR**

- Bearing support in white.
- Safety cap in white.



accessory for standard version

New line of flange bearings created through new technology which will help equipment builders meet the requirements of the USDA and other government agencies as they relate to the prevention of contamination of food products and the growth of bacteria.

## UCFA STANDARD VERSION

Without protection



Ø d mm	Safety cap code accessory	SHAFT LOCKING WITH			
		Grub Screws	Eccentric Ring	Grub Screws	Grub Screws
		Support code	Support code	Support code	Support code
20	50013CG	52205CGFA	52205CGFBA	52205CGFA/SS	52205CGFAC
25	50009CG	52205CGF	52205CGFB	52205CGF/SS	52205CGFC
25	50010CG	52206CGFA	52206CGFBA	52206CGFA/SS	52206CGFAC
30	50010CG	52206CGF	52206CGFB	52206CGF/SS	52206CGFC



Adjustable ball bearing in ► CHROME STEEL CHROME STEEL STAINLESS STEEL CORROSION FREE



series UCFA



Plain Shaft



Ø mm



Nolu-Clean

## UCFA-R WATERPROOF VERSION



Ø d mm	SHAFT LOCKING WITH			
	Grub Screws		Eccentric Ring	
	Closed	Open	Closed	Open
20	52205CGFRA	57205CGFRA	52205CGFRBA	57205CGFRBA
25	52205CGFR	57205CGFR	52205CGFRB	57205CGFRB
25	52206CGFRA	57206CGFRA	52206CGFRBA	57206CGFRBA
30	52206CGFR	57206CGFR	52206CGFRB	57206CGFRB



▼ Adjustable ball bearing in ▼

CHROME STEEL CHROME STEEL CHROME STEEL CHROME STEEL



series UCFA-R



Plain Shaft



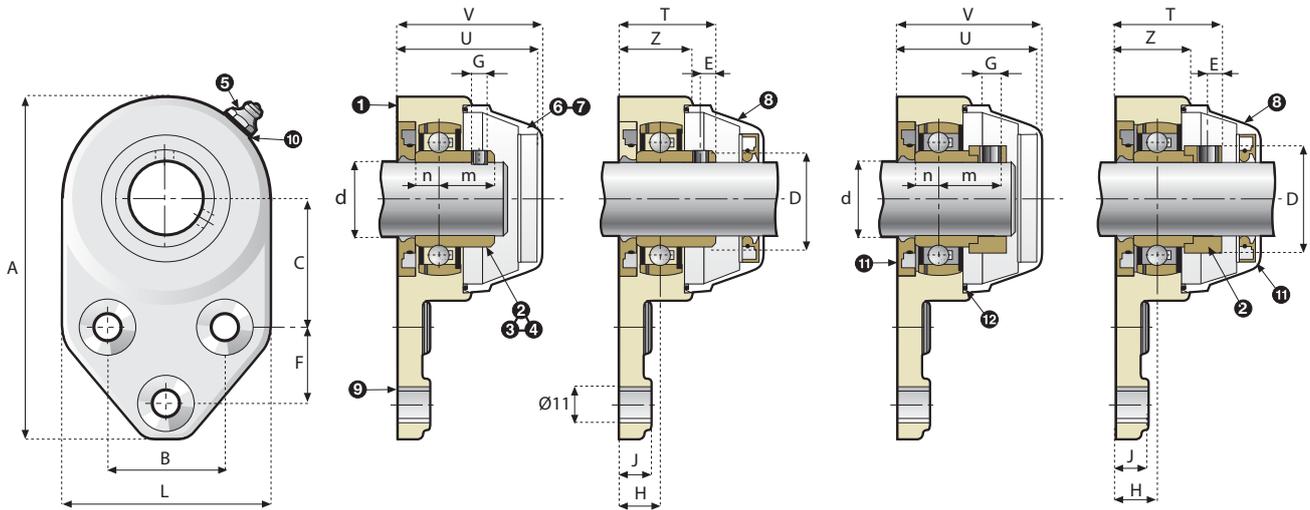
Ø mm



Waterproof



Nolu-Clean



closed version  
with grub screws

open version  
with grub screws

closed version  
with eccentric ring

open version  
with eccentric ring

**COMPONENTS**

- Housing in plastic material.
- Adjustable ball bearing in chrome steel, pre-lubricated by means of grease-nipple or a quick coupler.
- Adjustable ball bearing in stainless steel, pre-lubricated by means of grease-nipple or a quick coupler.
- Adjustable ball bearing in corrosion free, pre-lubricated by means of grease-nipple or a quick coupler
- Ball-type grease-nipple.
- Clip-on safety cap (closed version).
- Clip-on safety cap (accessory). Open version achievable by pressing in the shaft against the internal side of the cap.
- Clip-on safety cap (open version).
- Spacers to reinforce bolt holes.
- Washer for grease-nipple in polyethylene.
- Rotary shaft seal ring with extra dust-protection lip.
- Heavy duty O-Ring.

n	UCPA	UCPA-R
.1	Yes	Yes
.2	Yes	Yes
.3	Yes	No
.4	Yes	No
.5	Yes	Yes
.6	No	Yes
.7	Yes	No
.8	No	Yes
.9	Yes	Yes
.10	Yes	Yes
.11	No	Yes
.12	No	Yes

**TECHNICAL INFORMATION**

- Complete sealed units. (only for UCFA-R)
- Resistance to corrosion.
- High load capacity.
- Good dimensional stability at the maximum indicated temperature
- Self-alignment: Max misalignment between shaft and housing=2.0°
- Low maintenance and trouble-free operation.
- Easy Cleaning.
- Concept and design to meet all safety requirements.
- Interchangeable : Interchangeable with standard cast iron flanged supports.
- Application in the food, beverage and pharmaceutical industry.

Ø d mm	dimensions (mm)															bearing load ratings		max. radial load capacity on plastic housing PA (N)	
	A	B	C	D	E	F	G	H	L	Z	J	T	m	n	U	V	dynamic C (N)		static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS (Chrome steel / Corrosion free)</b>																			
20	125	41.3	46	28.5	5.4	28.6	M6x0.75	17	69	27.5	12.5	35.2	18.2	7	49.5	51.5	9500	6580	9500
25	125	41.3	46	34	5.4	28.6	M6x0.75	16	69	27.5	12.5	35.5	19.5	7.5	52.5	54.5	10800	7800	9000
25	140.5	47.6	52.4	34	5.4	31.7	M6x0.75	18	84	29.5	12.5	37.5	19.5	7.5	56.5	58.5	10800	7800	10000
30	140.5	47.6	52.4	40	5.9	31.7	M6x0.75	17	84	29.5	12.5	39	22	8	56.5	58.5	15000	11300	10000
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																			
20	125	41.3	46	33.3	5	28.6	M6x0.75	17	69	27.5	12.5	40.6	23.6	7.5	49.5	51.5	9500	6580	9500
25	125	41.3	46	38	5	28.6	M6x0.75	16	69	27.5	12.5	39.6	23.6	7.5	52.5	54.5	10800	7800	9000
25	140.5	47.6	52.4	38	5	31.7	M6x0.75	18	84	29.5	12.5	41.6	23.6	7.5	56.5	58.5	10800	7800	10000
30	140.5	47.6	52.4	44.5	6.2	31.7	M8x1.00	17	84	29.5	12.5	43.9	26.9	9	56.5	58.5	15000	11300	10000
<b>STAINLESS STEEL BEARING (with grub screws)</b>																			
20	125	41.3	46	28.5	5.4	28.6	M6x0.75	17	69	27.5	12.5	35.2	18.2	7.6	49.5	51.5	9500	6580	9500
25	125	41.3	46	34	5.4	28.6	M6x0.75	16	69	27.5	12.5	35.8	19.8	7.6	52.5	54.5	8100	5800	9000
25	140.5	47.6	52.4	34	5.4	31.7	M6x0.75	18	84	29.5	12.5	37.8	19.8	7.6	56.5	58.5	8100	5800	10000
30	140.5	47.6	52.4	40	5.9	31.7	M6x0.75	17	84	29.5	12.5	39.2	22.2	9	56.5	58.5	11250	8400	10000

**VERSION IN POLYAMIDE (PA) MATERIALS**

- Reinforced polyamide housing.
- Safety cap in polypropylene (accessory for UCFA).
- Spacers in nickel plated brass.

**COLOUR**

- Bearing support in white.
- Safety cap in white.



accessory for standard version

New line of flange bearings created through new technology which will help equipment builders meet the requirements of the USDA and other government agencies as they relate to the prevention of contamination of food products and the growth of bacteria.

## UCFQ STANDARD VERSION

Without protection



Ø d inch	Safety cap code accessory	SHAFT LOCKING WITH			
		Grub Screws	Eccentric Ring	Grub Screws	Grub Screws
		Support code	Support code	Support code	Support code
3/4	50007CG	70204CG-EC	70204CGB-EC	70204CG/SS-EC	70204CGC-EC
1	50011CG	70205CG-EC	70205CGB-EC	70205CG/SS-EC	70205CGC-EC
1 3/16	50001CG	70206CG-EC	70206CGB-EC	70206CG/SS-EC	70206CGC-EC
1 1/4	50001CG	700206CG-EC	700206CGB-EC	700206CG/SS-EC	700206CGC-EC
1 7/16	50004CG	70207CG-EC	70207CGB-EC	70207CG/SS-EC	70207CGC-EC
1 1/2	50002CG	70208CG-EC	70208CGB-EC	70208CG/SS-EC	70208CGC-EC



Adjustable ball bearing in ► CHROME STEEL CHROME STEEL STAINLESS STEEL CORROSION FREE



series UCFQ



Plain Shaft



Dia inches



Nolu-Clean

## UCFQ-R WATERPROOF VERSION



Ø d inch	SHAFT LOCKING WITH			
	Grub Screws		Eccentric Ring	
	Closed	Open	Closed	Open
3/4	70204CGR-EC	75204CGR-EC	70204CGRB-EC	75204CGRB-EC
1	70205CGR-EC	75205CGR-EC	70205CGRB-EC	75205CGRB-EC
1 3/16	70206CGR-EC	75206CGR-EC	70206CGRB-EC	75206CGRB-EC
1 1/4	700206CGR-EC	750206CGR-EC	700206CGRB-EC	750206CGRB-EC
1 7/16	70207CGR-EC	75207CGR-EC	70207CGRB-EC	75207CGRB-EC
1 1/2	70208CGR-EC	75208CGR-EC	70208CGRB-EC	75208CGRB-EC



▼ Adjustable ball bearing in ▼

CHROME STEEL CHROME STEEL CHROME STEEL CHROME STEEL



series UCFQ-R



Plain Shaft



Dia inches



Waterproof



Nolu-Clean

## UCFQ-RL MAINTENANCE FREE



Ø d inch	SHAFT LOCKING WITH GRUB SCREWS	
	Closed	Open
1 3/16	70206CGRL-EC	75206CGRL-EC
1 1/4	700206CGRL-EC	750206CGRL-EC
1 1/2	70208CGRL-EC	75208CGRL-EC



series UCFQ-RL



Plain Shaft



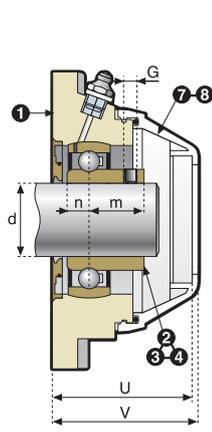
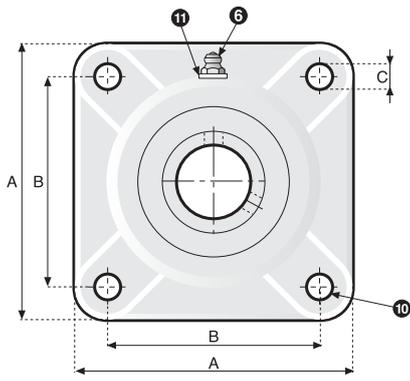
Dia inches



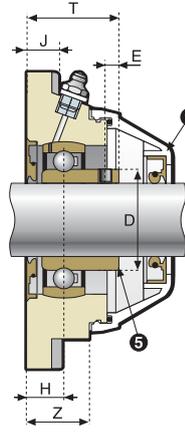
Waterproof



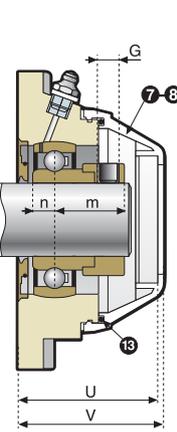
Nolu-Clean



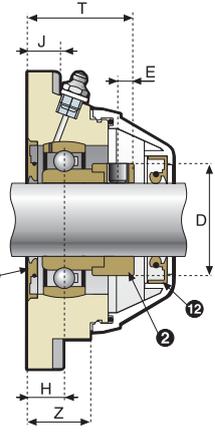
closed version with grub screws



open version with grub screws



closed version with eccentric ring



open version with eccentric ring

**COMPONENTS**

- Housing in plastic material.
- Adjustable ball bearing in chrome steel, pre-lubricated by means of grease-nipple or a quick coupler.
- Adjustable ball bearing in stainless steel, pre-lubricated by means of grease-nipple or a quick coupler.
- Adjustable ball bearing in corrosion free, pre-lubricated by means of grease-nipple or a quick coupler
- High quality maintenance free ball bearing.
- Ball-type grease-nipple.
- Clip-on safety cap (closed version).
- Clip-on safety cap (accessory). Open version achievable by pressing in the shaft against the internal side of the cap.
- Clip-on safety cap (open version).
- Spacers to reinforce bolt holes.
- Washer for grease-nipple in polyethylene.
- Rotary shaft seal ring with extra dust-protection lip.
- Heavy duty O-Ring.

n	UCFQ	UCFQ-R	UCFQ-RL
.1	Yes	Yes	Yes
.2	Yes	Yes	No
.3	Yes	No	No
.4	Yes	No	No
.5	No	No	Yes
.6	Yes	Yes	No
.7	No	Yes	Yes
.8	Yes	No	No
.9	No	Yes	Yes
.10	Yes	Yes	Yes
.11	Yes	Yes	No
.12	No	Yes	Yes
.13	No	Yes	Yes

**TECHNICAL INFORMATION**

- Complete sealed units. (only for UCFQ-R, UCFQ-RL)
- Resistance to corrosion.
- High load capacity.
- Good dimensional stability at the maximum indicated temperature
- Self-alignment: Max misalignment between shaft and housing=2.0°
- Low maintenance and trouble-free operation.
- Easy Cleaning.
- Ball bearing pre-lubricated with long-life grease, which is ideal in applications within humid conditions, water, alkaline or acid solutions. (only for UCFQ-RL)
- Concept and design to meet all safety requirements.
- Interchangeable : Interchangeable with standard cast iron flanged supports.
- Application in the food, beverage and pharmaceutical industry.
- Maintenance free. (only for UCFQ-RL)

Ø d inch	dimensions (inch)														bearing load ratings		max. radial load capacity on plastic housing PA (lbf)
	A	B	C	D	E	G	H	J	Z	T	m	n	U	V	dynamic C (lbf)	static Co (lbf)	
<b>SHAFT LOCKING WITH GRUB SCREWS (Chrome steel / Corrosion free)</b>																	
3/4	3.39	2.50	0.43	1.12	0.21	1/4 UNF	0.61	0.39	1.02	1.33	0.72	0.28	1.87	1.95	2210	1480	2250
1	3.74	2.76	0.43	1.34	0.21	1/4 UNF	0.67	0.48	1.14	1.44	0.77	0.30	2.06	2.13	2430	1770	2430
1 3/16	4.25	3.25	0.43	1.57	0.23	1/4 UNF	0.57	0.48	1.14	1.44	0.87	0.31	2.00	2.07	3370	2540	2590
1 1/4	4.25	3.25	0.43	1.57	0.23	1/4 UNF	0.57	0.48	1.14	1.44	0.87	0.31	2.00	2.07	3370	2540	2590
1 7/16	4.65	3.62	0.55	1.84	0.29	1/4 UNF	0.71	0.62	1.30	1.71	1.00	0.37	2.51	2.59	4430	3440	2700
1 1/2	5.12	4.00	0.55	2.07	0.31	5/16 UNF	0.71	0.62	1.38	1.89	1.19	0.35	2.49	2.57	5040	4020	2810
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																	
3/4	3.39	2.50	0.43	1.31	0.20	1/4 UNF	0.61	0.39	1.02	1.54	0.93	0.30	1.87	1.95	2210	1480	2250
1	3.74	2.76	0.43	1.50	0.20	1/4 UNF	0.67	0.48	1.14	1.60	0.93	0.30	2.06	2.13	2430	1770	2430
1 3/16	4.25	3.25	0.43	1.75	0.24	5/16 UNF	0.57	0.48	1.14	1.63	1.06	0.35	2.00	2.07	3370	2540	2590
1 1/4	4.25	3.25	0.43	1.75	0.24	5/16 UNF	0.57	0.48	1.14	1.63	1.06	0.35	2.00	2.07	3370	2540	2590
1 7/16	4.65	3.62	0.55	2.19	0.28	3/8 UNF	0.71	0.62	1.30	1.87	1.17	0.37	2.51	2.59	4430	3440	2700
1 1/2	5.12	4.00	0.55	2.37	0.28	3/8 UNF	0.71	0.62	1.38	2.07	1.36	0.35	2.49	2.57	5040	4020	2810
<b>STAINLESS STEEL BEARING (with grub screws)</b>																	
3/4	3.39	2.50	0.43	1.12	0.21	1/4 UNF	0.61	0.39	1.02	1.33	0.72	0.30	1.87	1.95	1640	1100	2020
1	3.74	2.76	0.43	1.34	0.21	1/4 UNF	0.67	0.48	1.14	1.45	0.78	0.30	2.06	2.13	1820	1300	2250
1 3/16	4.25	3.25	0.43	1.57	0.23	1/4 UNF	0.57	0.48	1.14	1.45	0.87	0.35	2.00	2.07	2530	1890	2430
1 1/4	4.25	3.25	0.43	1.57	0.23	1/4 UNF	0.57	0.48	1.14	1.45	0.87	0.35	2.00	2.07	2530	1890	2430
1 7/16	4.65	3.62	0.55	1.84	0.29	1/4 UNF	0.71	0.62	1.30	1.71	1.00	0.38	2.51	2.59	3300	2560	2590
1 1/2	5.12	4.00	0.55	2.07	0.31	5/16 UNF	0.71	0.62	1.38	1.89	1.19	0.43	2.49	2.57	3780	3010	2810

**VERSION IN POLYAMIDE (PA) MATERIALS**

- Reinforced polyamide housing.
- Safety cap in polypropylene (accessory for UCFQ).
- Spacers in nickel plated brass.

**COLOUR**

- Bearing support in white.
- Safety cap in white.



accessory for standard version

New line of flange bearings created through new technology which will help equipment builders meet the requirements of the USDA and other government agencies as they relate to the prevention of contamination of food products and the growth of bacteria.

## UCFH STANDARD VERSION

Without protection



Ø d inch	Safety cap code accessory	SHAFT LOCKING WITH			
		Grub Screws	Eccentric Ring	Grub Screws	Grub Screws
		Support code	Support code	Support code	Support code
3/4	50007CG	74204CG-EC	74204CGB-EC	74204CG/SS-EC	74204CGC-EC
1	50011CG	74205CG-EC	74205CGB-EC	74205CG/SS-EC	74205CGC-EC
1 3/16	50001CG	74206CG-EC	74206CGB-EC	74206CG/SS-EC	74206CGC-EC
1 1/4	50001CG	740206CG-EC	740206CGB-EC	740206CG/SS-EC	740206CGC-EC
1 7/16	50004CG	74207CG-EC	74207CGB-EC	74207CG/SS-EC	74207CGC-EC
1 1/2	50002CG	74208CG-EC	74208CGB-EC	74208CG/SS-EC	74208CGC-EC

Adjustable ball bearing in ► CHROME STEEL CHROME STEEL STAINLESS STEEL CORROSION FREE



series UCFH



Plain Shaft



Dia inches



Nolu-Clean



STANDARD

## UCFH-R WATERPROOF VERSION



Ø d inch	SHAFT LOCKING WITH			
	Grub Screws		Eccentric Ring	
	Closed	Open	Closed	Open
3/4	74204CGR-EC	79204CGR-EC	74204CGRB-EC	79204CGRB-EC
1	74205CGR-EC	79205CGR-EC	74205CGRB-EC	79205CGRB-EC
1 3/16	74206CGR-EC	79206CGR-EC	74206CGRB-EC	79206CGRB-EC
1 1/4	740206CGR-EC	790206CGR-EC	740206CGRB-EC	790206CGRB-EC
1 7/16	74207CGR-EC	79207CGR-EC	74207CGRB-EC	79207CGRB-EC
1 1/2	74208CGR-EC	79208CGR-EC	74208CGRB-EC	79208CGRB-EC

▼ Adjustable ball bearing in ▼

CHROME STEEL

CHROME STEEL

CHROME STEEL

CHROME STEEL



series UCFH-R



Plain Shaft



Dia inches



Waterproof



Nolu-Clean



WATERPROOF

## UCFH-RL MAINTENANCE FREE



Ø d inch	SHAFT LOCKING WITH GRUB SCREWS	
	Closed	Open
1 3/16	74206CGRL-EC	79206CGRL-EC
1 1/4	740206CGRL-EC	790206CGRL-EC
1 1/2	74208CGRL-EC	79208CGRL-EC



series UCFH-RL



Plain Shaft



Dia inches



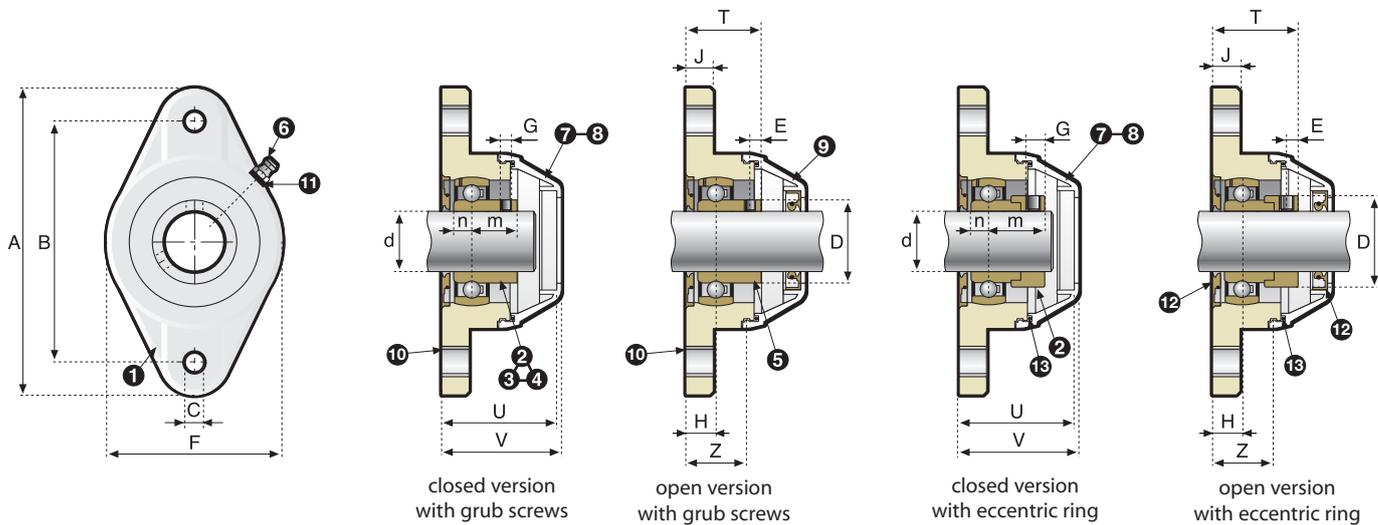
Waterproof



Nolu-Clean



MAINTENANCE FREE



**COMPONENTS**

	<b>n</b>	<b>UCFH</b>	<b>UCFH-R</b>	<b>UCFH-RL</b>
Housing in plastic material.	.1	Yes	Yes	Yes
Adjustable ball bearing in chrome steel, pre-lubricated by means of grease-nipple or a quick coupler.	.2	Yes	Yes	No
Adjustable ball bearing in stainless steel, pre-lubricated by means of grease-nipple or a quick coupler.	.3	Yes	No	No
Adjustable ball bearing in corrosion free, pre-lubricated by means of grease-nipple or a quick coupler	.4	Yes	No	No
High quality maintenance free ball bearing.	.5	No	No	Yes
Ball-type grease-nipple.	.6	Yes	Yes	No
Clip-on safety cap (closed version).	.7	No	Yes	Yes
Clip-on safety cap (accessory). Open version achievable by pressing in the shaft against the internal side of the cap.	.8	Yes	No	No
Clip-on safety cap (open version).	.9	No	Yes	Yes
Spacers to reinforce bolt holes.	.10	Yes	Yes	Yes
Washer for grease-nipple in polyethylene.	.11	Yes	Yes	No
Rotary shaft seal ring with extra dust-protection lip.	.12	No	Yes	Yes
Heavy duty O-Ring.	.13	No	Yes	Yes

**TECHNICAL INFORMATION**

- Complete sealed units. (only for UCFH-R, UCFH-RL)
- Resistance to corrosion.
- High load capacity.
- Good dimensional stability at the maximum indicated temperature
- Self-alignment: Max misalignment between shaft and housing=2.0°
- Low maintenance and trouble-free operation.
- Easy Cleaning.
- Ball bearing pre-lubricated with long-life grease, which is ideal in applications within humid conditions, water, alkaline or acid solutions. (only for UCFH-RL)
- Concept and design to meet all safety requirements.
- Interchangeable : Interchangeable with standard cast iron flanged supports.
- Application in the food, beverage and pharmaceutical industry.
- Maintenance free. (only for UCFH-RL)

∅ d inch	dimensions (inch)															bearing load ratings		max. radial load capacity on plastic housing PA (lbf)
	A	B	C	D	E	F	G	H	J	Z	T	m	n	U	V	dynamic C (lbf)	static Co (lbf)	
<b>SHAFT LOCKING WITH GRUB SCREWS (Chrome steel / Corrosion free)</b>																		
3/4	4.49	3.54	0.43	1.12	0.21	2.52	1/4 UNF	0.61	0.39	1.02	1.33	0.72	0.28	1.87	1.95	2210	1480	1690
1	5.12	3.90	0.43	1.34	0.21	2.76	1/4 UNF	0.67	0.49	1.14	1.44	0.77	0.30	2.06	2.13	2430	1770	1800
1 3/16	5.83	4.61	0.43	1.57	0.23	3.31	1/4 UNF	0.57	0.49	1.14	1.44	0.87	0.31	2.00	2.07	3370	2540	1980
1 1/4	5.83	4.61	0.43	1.57	0.23	3.31	1/4 UNF	0.57	0.49	1.14	1.44	0.87	0.31	2.00	2.07	3370	2540	1980
1 7/16	6.42	5.12	0.55	1.84	0.29	3.54	1/4 UNF	0.71	0.63	1.30	1.71	1.00	0.37	2.51	2.59	4430	3440	2020
1 1/2	6.89	5.67	0.55	2.07	0.31	3.94	5/16 UNF	0.71	0.79	1.38	1.97	1.26	0.35	2.49	2.57	5040	4020	2810
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																		
3/4	4.49	3.54	0.43	1.31	0.20	2.52	1/4 UNF	0.61	0.39	1.02	1.54	0.93	0.30	1.87	1.95	2210	1480	1690
1	5.12	3.90	0.43	1.50	0.20	2.76	1/4 UNF	0.67	0.49	1.14	1.60	0.93	0.30	2.06	2.13	2430	1770	1800
1 3/16	5.83	4.61	0.43	1.75	0.24	3.31	5/16 UNF	0.57	0.49	1.14	1.63	1.06	0.35	2.00	2.07	3370	2540	1980
1 1/4	5.83	4.61	0.43	1.75	0.24	3.31	5/16 UNF	0.57	0.49	1.14	1.63	1.06	0.35	2.00	2.07	3370	2540	1980
1 7/16	6.42	5.12	0.55	2.19	0.28	3.54	3/8 UNF	0.71	0.63	1.30	1.87	1.17	0.37	2.51	2.59	4430	3440	2020
1 1/2	6.89	5.67	0.55	2.37	0.28	3.94	3/8 UNF	0.71	0.79	1.38	2.07	1.36	0.35	2.49	2.57	5040	4020	2810
<b>STAINLESS STEEL BEARING (with grub screws)</b>																		
3/4	4.49	3.54	0.43	1.12	0.21	2.52	1/4 UNF	0.61	0.39	1.02	1.33	0.72	0.30	1.87	1.95	1640	1100	1690
1	5.12	3.90	0.43	1.34	0.21	2.76	1/4 UNF	0.67	0.49	1.14	1.45	0.77	0.30	2.06	2.13	1820	1300	1800
1 3/16	5.83	4.61	0.43	1.57	0.23	3.31	1/4 UNF	0.57	0.49	1.14	1.45	0.87	0.35	2.00	2.07	2530	1890	1980
1 1/4	5.83	4.61	0.43	1.57	0.23	3.31	1/4 UNF	0.57	0.49	1.14	1.45	0.87	0.35	2.00	2.07	2530	1890	1980
1 7/16	6.42	5.12	0.55	1.84	0.29	3.54	1/4 UNF	0.71	0.63	1.30	1.71	1.00	0.38	2.51	2.59	3300	2560	2020
1 1/2	6.89	5.67	0.55	2.07	0.31	3.94	5/16 UNF	0.71	0.79	1.38	1.89	1.19	0.43	2.49	2.57	3780	3010	2810

**VERSION IN POLYAMIDE (PA) MATERIALS**

- Reinforced polyamide housing.
- Safety cap in polypropylene (accessory for UCFH).
- Spacers in nickel plated brass.

**COLOUR**

- Bearing support in white.
- Safety cap in white.



accessory for standard version

New line of flange bearings created through new technology which will help equipment builders meet the requirements of the USDA and other government agencies as they relate to the prevention of contamination of food products and the growth of bacteria.

## UCP STANDARD VERSION

Without protection



Ø d inch	Safety cap code accessory	SHAFT LOCKING WITH			
		Grub Screws	Eccentric Ring	Grub Screws	Grub Screws
		Support code	Support code	Support code	Support code
3/4	50013CG	73204CG	73204CGB	73204CG/SS	73204CGC
1	50009CG	73205CG	73205CGB	73205CG/SS	73205CGC
1 3/16	50010CG	73206CG	73206CGB	73206CG/SS	73206CGC
1 1/4	50010CG	730206CG	730206CGB	730206CG/SS	730206CGC
1 7/16	50010CG	73207CG	73207CGB	73207CG/SS	73207CGC
1 1/2	50014CG	73208CG	73208CGB	73208CG/SS	73208CGC



Adjustable ball bearing in ► CHROME STEEL CHROME STEEL STAINLESS STEEL CORROSION FREE



series UCP-R



Plain Shaft



Dia inches



Waterproof



Nolu-Clean

## UCP-R WATERPROOF VERSION



Ø d inch	SHAFT LOCKING WITH			
	Grub Screws		Eccentric Ring	
	Closed	Open	Closed	Open
3/4	73204CGR	78204CGR	73204CGRB	78204CGRB
1	73205CGR	78205CGR	73205CGRB	78205CGRB
1 3/16	73206CGR	78206CGR	73206CGRB	78206CGRB
1 1/4	730206CGR	780206CGR	730206CGRB	780206CGRB
1 7/16	73207CGR	78207CGR	73207CGRB	78207CGRB
1 1/2	73208CGR	78208CGR	73208CGRB	78208CGRB



▼ Adjustable ball bearing in ▼

CHROME STEEL CHROME STEEL CHROME STEEL CHROME STEEL



series UCP-R



Plain Shaft



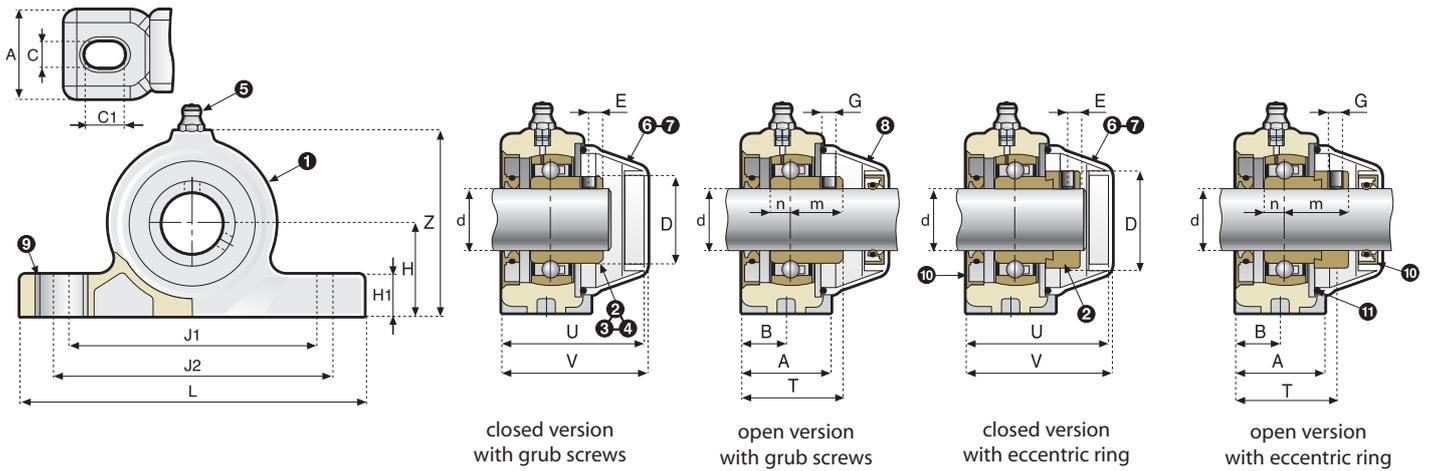
Dia inches



Waterproof



Nolu-Clean



**COMPONENTS**

- .1 Housing in plastic material.
- .2 Adjustable ball bearing in chrome steel, pre-lubricated by means of grease-nipple or a quick coupler.
- .3 Adjustable ball bearing in stainless steel, pre-lubricated by means of grease-nipple or a quick coupler.
- .4 Adjustable ball bearing in corrosion free, pre-lubricated by means of grease-nipple or a quick coupler
- .5 Ball-type grease-nipple.
- .6 Clip-on safety cap (closed version).
- .7 Clip-on safety cap (accessory). Open version achievable by pressing in the shaft against the internal side of the cap.
- .8 Clip-on safety cap (open version).
- .9 Spacers to reinforce bolt holes.
- .10 Rotary shaft seal ring with extra dust-protection lip.
- .11 Heavy duty O-Ring.

n	UCP	UCP-R
.1	Yes	Yes
.2	Yes	Yes
.3	Yes	No
.4	Yes	No
.5	Yes	Yes
.6	No	Yes
.7	Yes	No
.8	No	Yes
.9	Yes	Yes
.10	No	Yes
.11	No	Yes

**TECHNICAL INFORMATION**

- Complete sealed units. (only for UCP-R)
- Resistance to corrosion.
- High load capacity.
- Good dimensional stability at the maximum indicated temperature
- Self-alignment: Max misalignment between shaft and housing=2.0°
- Low maintenance and trouble-free operation.
- Easy Cleaning.
- Concept and design to meet all safety requirements.
- Interchangeable : Interchangeable with standard cast iron flanged supports.
- Application in the food, beverage and pharmaceutical industry.

Ø d inch	dimensions (inch)																	bearing load ratings		max. radial load capacity on plastic housing PA (lbf)	
	A	B	C	C1	D	E	G	H	H1	L	Z	J1	J2	T	m	n	U	V	dynamic C (lbf)		static Co (lbf)
<b>SHAFT LOCKING WITH GRUB SCREWS (Chrome steel / Corrosion free)</b>																					
3/4	1.22	0.71	0.43	0.67	1.12	0.21	1/4UNF	1.31	0.63	5.00	2.64	3.58	4.06	1.43	0.72	0.28	1.99	2.07	2210	1480	1910
1	1.38	0.79	0.43	0.67	1.34	0.21	1/4UNF	1.44	0.63	5.31	2.85	3.82	4.29	1.56	0.77	0.30	2.17	2.24	2430	1770	2250
1 3/16	1.61	0.94	0.51	0.87	1.57	0.23	1/4UNF	1.69	0.85	6.14	3.43	4.37	5.08	1.81	0.87	0.31	2.56	2.64	3370	2540	2700
1 1/4	1.61	0.94	0.51	0.87	1.57	0.23	1/4UNF	1.69	0.85	6.14	3.43	4.37	5.08	1.81	0.87	0.31	2.56	2.64	3370	2540	2700
1 7/16	1.77	1.00	0.51	0.87	1.84	0.29	1/4UNF	1.87	0.85	6.46	3.74	4.61	5.31	2.01	1.00	0.37	2.64	2.72	4430	3440	2810
1 1/2	1.89	0.79	0.51	0.87	2.07	0.31	5/16UNF	1.94	0.85	7.05	3.94	5.08	5.79	2.05	1.26	0.35	2.48	2.56	5040	4020	2920
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																					
3/4	1.22	0.71	0.43	0.67	1.31	0.20	1/4UNF	1.31	0.63	5.00	2.64	3.58	4.06	1.64	0.93	0.30	1.99	2.07	2210	1480	1910
1	1.38	0.79	0.43	0.67	1.50	0.20	1/4UNF	1.44	0.63	5.31	2.85	3.82	4.29	1.72	0.93	0.30	2.17	2.24	2430	1770	2250
1 3/16	1.61	0.94	0.51	0.87	1.75	0.24	5/16UNF	1.69	0.85	6.14	3.43	4.37	5.08	2.00	1.06	0.35	2.56	2.64	3370	2540	2700
1 1/4	1.61	0.94	0.51	0.87	1.75	0.24	5/16UNF	1.69	0.85	6.14	3.43	4.37	5.08	2.00	1.06	0.35	2.56	2.64	3370	2540	2700
1 7/16	1.77	1.00	0.51	0.87	2.19	0.28	3/8UNF	1.87	0.85	6.46	3.74	4.61	5.31	2.17	1.17	0.37	2.64	2.72	4430	3440	2810
1 1/2	1.89	0.79	0.51	0.87	2.37	0.28	3/8UNF	1.94	0.85	7.05	3.94	5.08	5.79	2.15	1.36	0.35	2.48	2.56	5040	4020	2920
<b>STAINLESS STEEL BEARING (with grub screws)</b>																					
3/4	1.22	0.71	0.43	0.67	1.12	0.21	1/4UNF	1.31	0.63	5.00	2.64	3.58	4.06	1.43	0.72	0.30	1.99	2.07	1640	1100	1910
1	1.38	0.79	0.43	0.67	1.34	0.21	1/4UNF	1.44	0.63	5.31	2.85	3.82	4.29	1.57	0.78	0.30	2.17	2.24	1820	1300	2250
1 3/16	1.61	0.94	0.51	0.87	1.57	0.23	1/4UNF	1.69	0.85	6.14	3.43	4.37	5.08	1.82	0.87	0.35	2.56	2.64	2530	1890	2700
1 1/4	1.61	0.94	0.51	0.87	1.57	0.23	1/4UNF	1.69	0.85	6.14	3.43	4.37	5.08	1.82	0.87	0.35	2.56	2.64	2530	1890	2700
1 7/16	1.77	1.00	0.51	0.87	1.84	0.29	1/4UNF	1.87	0.85	6.46	3.74	4.61	5.31	2.00	1.00	0.38	2.64	2.72	3300	2560	2810
1 1/2	1.89	0.79	0.51	0.87	2.07	0.31	5/16UNF	1.94	0.85	7.05	3.94	5.08	5.79	1.97	1.19	0.43	2.48	2.56	3780	3010	2920

**VERSION IN POLYAMIDE (PA) MATERIALS**

- Reinforced polyamide housing.
- Safety cap in polypropylene (accessory for UCP).
- Spacers in nickel plated brass.

**COLOUR**

- Bearing support in white.
- Safety cap in white.



accessory for standard version

New line of flange bearings created through new technology which will help equipment builders meet the requirements of the USDA and other government agencies as they relate to the prevention of contamination of food products and the growth of bacteria.

## UCPA STANDARD VERSION

Without protection



Ø d inch	Safety cap code accessory	SHAFT LOCKING WITH			
		Grub Screws	Eccentric Ring	Grub Screws	Grub Screws
		Support code	Support code	Support code	Support code
3/4	50008CG	73204CGA-U	73204CGAB-U	73204CGA/SS-U	73204CGAC-U
1	50007CG	73205CGA-U	73205CGAB-U	73205CGA/SS-U	73205CGAC-U
1 3/16	50003A.CG	73206CGA-U	73206CGAB-U	73206CGA/SS-U	73206CGAC-U
1 1/4	50003A.CG	73206CGA-U	73206CGAB-U	73206CGA/SS-U	73206CGAC-U
Adjustable ball bearing in ▶		CHROME STEEL	CHROME STEEL	STAINLESS STEEL	CORROSION FREE



series UCPA



Plain Shaft



Dia inches



Nolu-Clean

## UCPA-R WATERPROOF VERSION



Ø d inch	SHAFT LOCKING WITH				
	Grub Screws		Eccentric Ring		
	Closed	Open	Closed	Open	
3/4	73204CGAR-U	78204CGAR-U	73204CGARB-U	78204CGARB-U	
1	73205CGAR-U	78205CGAR-U	73205CGARB-U	78205CGARB-U	
1 3/16	73206CGAR-U	78206CGAR-U	73206CGARB-U	78206CGARB-U	
1 1/4	73206CGAR-U	78206CGAR-U	73206CGARB-U	78206CGARB-U	
Adjustable ball bearing in ▼		CHROME STEEL	CHROME STEEL	CHROME STEEL	CHROME STEEL



series UCPA-R



Plain Shaft



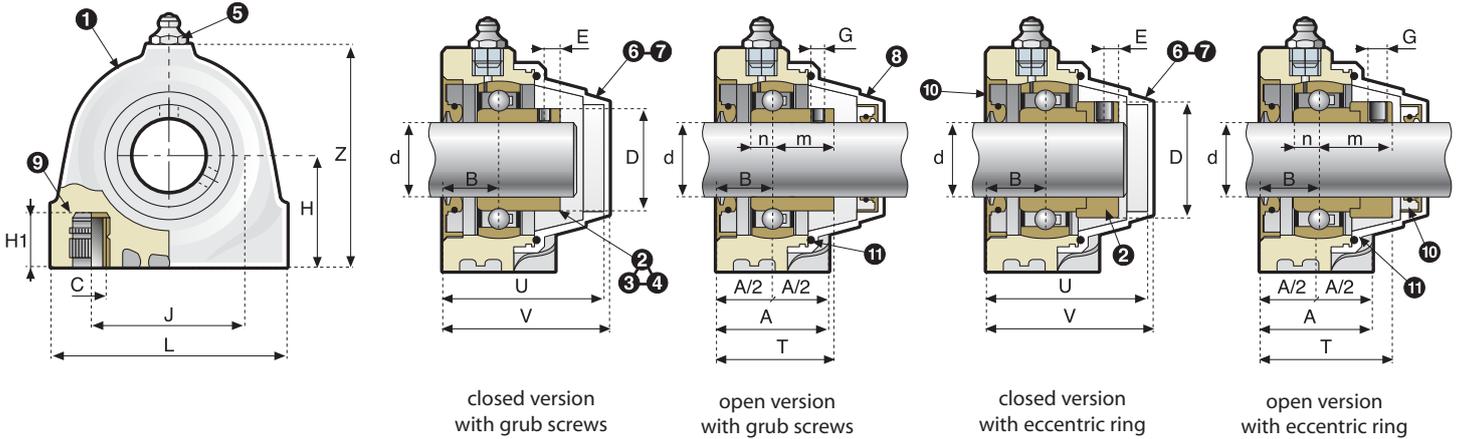
Dia inches



Waterproof



Nolu-Clean



COMPONENTS	n	UCPA	UCPA-R
Housing in plastic material.	.1	Yes	Yes
Adjustable ball bearing in chrome steel, pre-lubricated by means of grease-nipple or a quick coupler.	.2	Yes	Yes
Adjustable ball bearing in stainless steel, pre-lubricated by means of grease-nipple or a quick coupler.	.3	Yes	No
Adjustable ball bearing in corrosion free, pre-lubricated by means of grease-nipple or a quick coupler	.4	Yes	No
Ball-type grease-nipple.	.5	Yes	Yes
Clip-on safety cap (closed version).	.6	No	Yes
Clip-on safety cap (accessory). Open version achievable by pressing in the shaft against the internal side of the cap.	.7	Yes	No
Clip-on safety cap (open version).	.8	No	Yes
Threaded bush.	.9	Yes	Yes
Rotary shaft seal ring with extra dust-protection lip.	.10	No	Yes
Heavy duty O-Ring.	.11	No	Yes

### TECHNICAL INFORMATION

- Complete sealed units. (only for UCPA-R)
- Resistance to corrosion.
- High load capacity.
- Good dimensional stability at the maximum indicated temperature
- Self-alignment: Max misalignment between shaft and housing=2.0°
- Low maintenance and trouble-free operation.
- Easy Cleaning.
- Concept and design to meet all safety requirements.
- Interchangeable : Interchangeable with standard cast iron flanged supports.
- Application in the food, beverage and pharmaceutical industry.

Ø d inch	dimensions (inch)															bearing load ratings		max. radial load capacity on plastic housing PA (lbf)	
	A	B	C	D	E	G	H	H1	L	Z	J	T	m	n	U	V	dynamic C (lbf)		static Co (lbf)
<b>SHAFT LOCKING WITH GRUB SCREWS (Chrome steel / Corrosion free)</b>																			
3/4	1.26	0.69	3/8"UNC	1.12	0.21	1/4 UNF	1.31	0.63	2.76	2.56	2.00	1.41	0.72	0.28	1.93	2.01	2210	1480	1460
1	1.42	0.77	3/8"UNC	1.34	0.21	1/4 UNF	1.44	0.63	2.95	2.83	2.00	1.54	0.77	0.30	2.13	2.20	2430	1770	1770
1 3/16	1.57	0.79	7/16"UNC	1.57	0.23	1/4 UNF	1.69	0.94	3.86	3.35	3.00	1.65	0.87	0.31	2.32	2.40	3370	2540	2470
1 1/4	1.57	0.79	7/16"UNC	1.57	0.23	1/4 UNF	1.69	0.94	3.86	3.35	3.00	1.65	0.87	0.31	2.32	2.40	3370	2540	2470
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																			
3/4	1.26	0.69	3/8"UNC	1.31	0.20	1/4 UNF	1.31	0.63	2.76	2.56	2.00	1.62	0.93	0.30	1.93	2.01	2210	1480	1460
1	1.42	0.77	3/8"UNC	1.50	0.20	1/4 UNF	1.44	0.63	2.95	2.83	2.00	1.70	0.93	0.30	2.13	2.20	2430	1770	1770
1 3/16	1.57	0.79	7/16"UNC	1.75	0.24	5/16 UNF	1.69	0.94	3.86	3.35	3.00	1.85	1.06	0.35	2.32	2.40	3370	2540	2470
1 1/4	1.57	0.79	7/16"UNC	1.75	0.24	5/16 UNF	1.69	0.94	3.86	3.35	3.00	1.85	1.06	0.35	2.32	2.40	3370	2540	2470
<b>STAINLESS STEEL BEARING (with grub screws)</b>																			
3/4	1.26	0.69	3/8"UNC	1.12	0.21	1/4 UNF	1.31	0.63	2.76	2.56	2.00	1.41	0.72	0.30	1.93	2.01	1640	1100	1460
1	1.42	0.77	3/8"UNC	1.34	0.21	1/4 UNF	1.44	0.63	2.95	2.83	2.00	1.55	0.78	0.30	2.13	2.20	1820	1300	1770
1 3/16	1.57	0.79	7/16"UNC	1.57	0.23	1/4 UNF	1.69	0.94	3.86	3.35	3.00	1.66	0.87	0.35	2.32	2.40	2530	1890	2470
1 1/4	1.57	0.79	7/16"UNC	1.57	0.23	1/4 UNF	1.69	0.94	3.86	3.35	3.00	1.66	0.87	0.35	2.32	2.40	2530	1890	2470

### VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- Safety cap in polypropylene (accessory for UCPA).
- Spacers in nickel plated brass.

### COLOUR

- Bearing support in white.
- Safety cap in white.



accessory for standard version

New line of flange bearings created through new technology which will help equipment builders meet the requirements of the USDA and other government agencies as they relate to the prevention of contamination of food products and the growth of bacteria.

## UCFA STANDARD VERSION

Without protection



Ø d inch	Safety cap code accessory	SHAFT LOCKING WITH			
		Grub Screws	Eccentric Ring	Grub Screws	Grub Screws
		Support code	Support code	Support code	Support code
3/4	50013CG	72205CGFA	72205CGFBA	72205CGFA/SS	72205CGFAC
1	50009CG	72205CGF	72205CGFB	72205CGF/SS	72205CGFC
1	50010CG	72206CGFA	72206CGFBA	72206CGFA/SS	72206CGFAC
1 3/16	50010CG	72206CGF	72206CGFB	72206CGF/SS	72206CGFC
1 1/4	50010CG	720206CGF	720206CGFB	720206CGF/SS	720206CGFC

Adjustable ball bearing in ▸ CHROME STEEL CHROME STEEL STAINLESS STEEL CORROSION FREE



series UCFA



Plain Shaft



Dia inches



Nolu-Clean

## UCFA-R WATERPROOF VERSION



Ø d inch	SHAFT LOCKING WITH			
	Grub Screws		Eccentric Ring	
	Closed	Open	Closed	Open
3/4	72205CGFRA	77205CGFRA	72205CGFRBA	77205CGFRBA
1	72205CGFR	77205CGFR	72205CGFRB	77205CGFRB
1	72206CGFRA	77206CGFRA	72206CGFRBA	77206CGFRBA
1 3/16	72206CGFR	77206CGFR	72206CGFRB	77206CGFRB
1 1/4	720206CGFR	770206CGFR	720206CGFRB	770206CGFRB



▼ Adjustable ball bearing in ▼

CHROME STEEL

CHROME STEEL

CHROME STEEL

CHROME STEEL



series UCFA-R



Plain Shaft



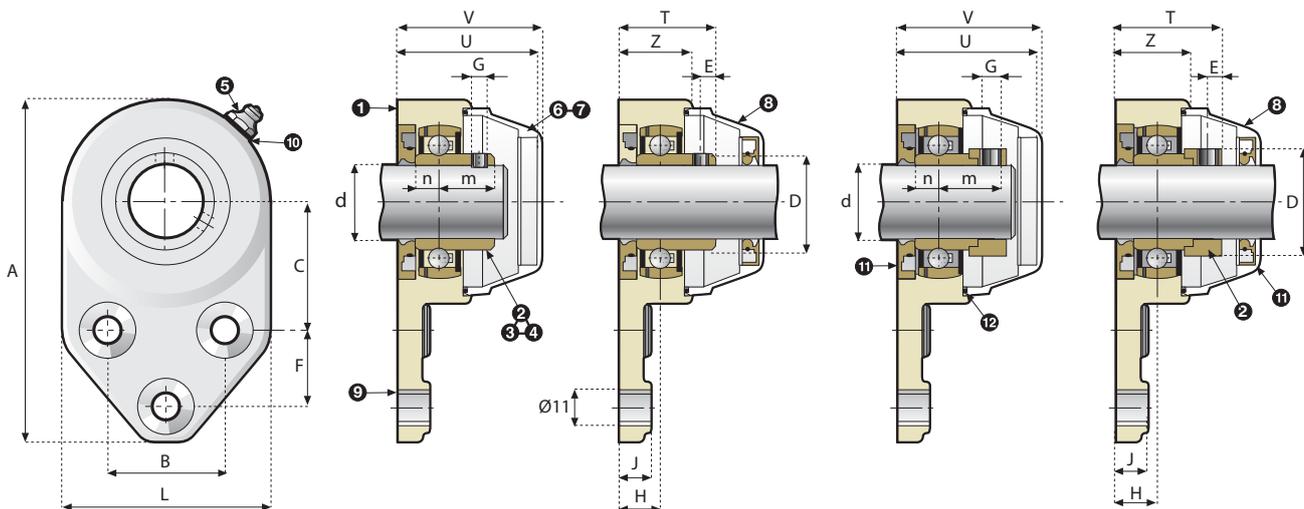
Dia inches



Waterproof



Nolu-Clean



closed version with grub screws

open version with grub screws

closed version with eccentric ring

open version with eccentric ring

**COMPONENTS**

- Housing in plastic material.
- Adjustable ball bearing in chrome steel, pre-lubricated by means of grease-nipple or a quick coupler.
- Adjustable ball bearing in stainless steel, pre-lubricated by means of grease-nipple or a quick coupler.
- Adjustable ball bearing in corrosion free, pre-lubricated by means of grease-nipple or a quick coupler
- Ball-type grease-nipple.
- Clip-on safety cap (closed version).
- Clip-on safety cap (accessory). Open version achievable by pressing in the shaft against the internal side of the cap.
- Clip-on safety cap (open version).
- Spacers to reinforce bolt holes.
- Washer for grease-nipple in polyethylene.
- Rotary shaft seal ring with extra dust-protection lip.
- Heavy duty O-Ring.

n	UCPA	UCPA-R
.1	Yes	Yes
.2	Yes	Yes
.3	Yes	No
.4	Yes	No
.5	Yes	Yes
.6	No	Yes
.7	Yes	No
.8	No	Yes
.9	Yes	Yes
.10	Yes	Yes
.11	No	Yes
.12	No	Yes

**TECHNICAL INFORMATION**

- Complete sealed units. (only for UCFA-R)
- Resistance to corrosion.
- High load capacity.
- Good dimensional stability at the maximum indicated temperature
- Self-alignment: Max misalignment between shaft and housing=2.0°
- Low maintenance and trouble-free operation.
- Easy Cleaning.
- Concept and design to meet all safety requirements.
- Interchangeable : Interchangeable with standard cast iron flanged supports.
- Application in the food, beverage and pharmaceutical industry.

Ø d inch	dimensions (inch)															bearing load ratings		max. radial load capacity on plastic housing PA (lbf)	
	A	B	C	D	E	F	G	H	L	Z	J	T	m	n	U	V	dynamic C (lbf)		static Co (lbf)
<b>SHAFT LOCKING WITH GRUB SCREWS (Chrome steel / Corrosion free)</b>																			
3/4	4.92	1.63	1.81	1.12	0.21	1.13	1/4UNF	0.67	2.72	1.08	0.49	1.39	0.72	0.28	1.95	2.03	2140	1480	2140
1	4.92	1.63	1.81	1.34	0.21	1.13	1/4UNF	0.63	2.72	1.08	0.49	1.40	0.77	0.30	2.07	2.15	2430	1770	2023
1	5.53	1.87	2.06	1.34	0.21	1.25	1/4UNF	0.71	3.31	1.16	0.49	1.48	0.77	0.30	2.22	2.30	2430	1770	2250
1 3/16	5.53	1.87	2.06	1.57	0.23	1.25	1/4UNF	0.67	3.31	1.16	0.49	1.54	0.87	0.31	2.22	2.30	3370	2540	2250
1 1/4	5.53	1.87	2.06	1.57	0.23	1.25	1/4UNF	0.67	3.31	1.16	0.49	1.54	0.87	0.31	2.22	2.30	3370	2540	2250
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																			
3/4	4.92	1.63	1.81	1.31	0.20	1.13	1/4UNF	0.67	2.72	1.08	0.49	1.60	0.93	0.30	1.95	2.03	2140	1480	2140
1	4.92	1.63	1.81	1.50	0.20	1.13	1/4UNF	0.63	2.72	1.08	0.49	1.56	0.93	0.30	2.07	2.15	2430	1770	2023
1	5.53	1.87	2.06	1.50	0.20	1.25	1/4UNF	0.71	3.31	1.16	0.49	1.64	0.93	0.30	2.22	2.30	2430	1770	2250
1 3/16	5.53	1.87	2.06	1.75	0.24	1.25	1/4UNF	0.67	3.31	1.16	0.49	1.73	1.06	0.35	2.22	2.30	3370	2540	2250
1 1/4	5.53	1.87	2.06	1.75	0.24	1.25	5/16UNF	0.67	3.31	1.16	0.49	1.73	1.06	0.35	2.22	2.30	3370	2540	2250
<b>STAINLESS STEEL BEARING (with grub screws)</b>																			
3/4	4.92	1.63	1.81	1.12	0.21	1.13	1/4UNF	0.67	2.72	1.08	0.49	1.39	0.72	0.30	1.95	2.03	2140	1480	2140
1	4.92	1.63	1.81	1.34	0.21	1.13	1/4UNF	0.63	2.72	1.08	0.49	1.41	0.78	0.30	2.07	2.15	1820	1300	2023
1	5.53	1.87	2.06	1.34	0.21	1.25	1/4UNF	0.71	3.31	1.16	0.49	1.49	0.78	0.30	2.22	2.30	1820	1300	2250
1 3/16	5.53	1.87	2.06	1.57	0.23	1.25	1/4UNF	0.67	3.31	1.16	0.49	1.54	0.78	0.35	2.22	2.30	2530	1890	2250
1 1/4	5.53	1.87	2.06	1.57	0.23	1.25	1/4UNF	0.67	3.31	1.16	0.49	1.54	0.87	0.35	2.22	2.30	2530	1890	2250

- VERSION IN POLYAMIDE (PA) MATERIALS**
- Reinforced polyamide housing.
  - Safety cap in polypropylene (accessory for UCFA).
  - Spacers in nickel plated brass.

- COLOUR**
- Bearing support in white.
  - Safety cap in white.



accessory for standard version

New line of flange bearings created through new technology which will help equipment builders meet the requirements of the USDA and other government agencies as they relate to the prevention of contamination of food products and the growth of bacteria.

# SAFETY CAP



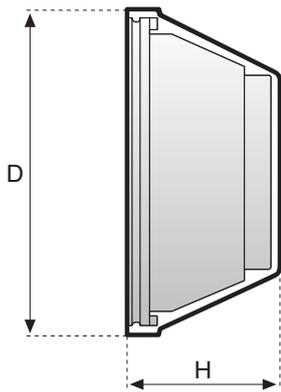
## Clip-on safety cap (closed version)

Clip-on safety cap in polypropylene.

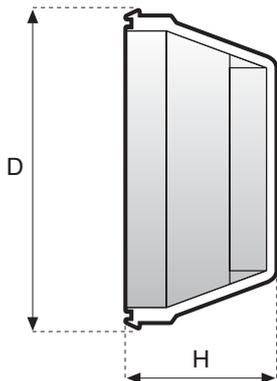
### COLOR

- Safety cap in white.

type A



type B



safety cap code	Type	D mm (inches)	H mm (inches)	support code			
<b>Type A</b>							
50001CG	A	80 (3.15")	29.5 (1.16")	50206CG-EC	54206CGC-EC	74206CG-EC	700206CGC-EC
				50206CGB-EC	54206CG/SS-EC	74206CGB-EC	700206CG/SS-EC
				50206CGC-EC	70206CG-EC	74206CGC-EC	740206CG-EC
				50206CG/SS-EC	70206CGB-EC	74206CG/SS-EC	740206CGB-EC
				54206CG-EC	70206CGC-EC	700206CG-EC	740206CGC-EC
50002CG	A	96 (3.78")	40 (1.57")	50208CG-EC	54208CG-EC	70208CG-EC	74208CG-EC
				50208CGB-EC	54208CGB-EC	70208CGB-EC	74208CGB-EC
				50208CGC-EC	54208CGC-EC	70208CGC-EC	74208CGC-EC
				50208CG/SS-EC	54208CG/SS-EC	70208CG/SS-EC	74208CG/SS-EC
50003A.CG	A	71 (2.80")	34.5 (1.36")	53206CGA	53206CGA/SS	73206CGAC-U	730206CGAB-U
				53206CGB	73206CGA-U	73206CGA/SS-U	730206CGAC-U
				53206CGAC	73206CGB-U	730206CGA-U	730206CGA/SS-U
50004CG	A	87.5 (3.44")	40.5 (1.59")	50207CG-EC	54207CG-EC	70207CG-EC	74207CG-EC
				50207CGB-EC	54207CGB-EC	70207CGB-EC	74207CGB-EC
				50207CGC-EC	54207CGC-EC	70207CGC-EC	74207CGC-EC
				50207CG/SS-EC	54207CG/SS-EC	70207CG/SS-EC	74207CG/SS-EC
50007CG	A	62 (2.44")	30 (1.18")	50204CG-EC	53205CGAC	70204CG-EC	73205CGAC-U
				50204CGB-EC	53205CGA/SS	70204CGB-EC	73205CGA/SS-U
				50204CGC-EC	54204CG-EC	70204CGC-EC	74204CG-EC
				50204CG/SS-EC	54204CGB-EC	70204CG/SS-EC	74204CGB-EC
				53205CGA	54204CGC-EC	73205CGA-U	74204CGC-EC
				53205CGB	54204CG/SS-EC	73205CGB-U	74204CG/SS-EC
50008CG	A	56 (2.20")	29.5 (1.16")	50201CG-EC	50203CG-EC	54201CG-EC	54203CG-EC
				50201CGB-EC	50203CGB-EC	54201CGB-EC	54203CGB-EC
				50202CG-EC	53204CGA	54202CGA-U	73204CGA-U
				50202CGB-EC	53204CGB	54202CGB-EC	73204CGB-U
				50016CG-EC	53204CGAC	54016CG-EC	73204CGAC-U
				50016CGB-EC	53204CGA/SS	54016CGB-EC	73204CGA/SS-U
50011CG	A	69.5 (2.74")	32 (1.26")	50205CG-EC	54205CG-EC	70205CG-EC	74205CG-EC
				50205CGB-EC	54205CGB-EC	70205CGB-EC	74205CGB-EC
				50205CGC-EC	54205CGC-EC	70205CGC-EC	74205CGC-EC
				50205CG/SS-EC	54205CG/SS-EC	70205CG/SS-EC	74205CG/SS-EC
<b>Type B</b>							
50009CG	B	58.5 (2.30")	28 (1.10")	52205CGF	53205CG	72205CGF	73205CG
				52205CGFB	53205CGB	72205CGFB	73205CGB
				52205CGFC	53205CGC	72205CGFC	73205CGC
				52205CGF/SS	53205CG/SS	72205CGF/SS	73205CG/SS
				52206CGF	53206CGC	72206CGFB	73207CGC
				52206CGFA	53206CG/SS	72206CGFBA	73207CG/SS
				52206CGFAC	53207CG	72206CGFC	720206CGF
				52206CGFA/SS	53207CGB	72206CGF/SS	720206CGFB
				52206CGFB	53207CGC	73206CG	720206CGFC
				52206CGFBA	53207CG/SS	73206CGB	720206CGF/SS
50010CG	B	76 (2.99")	32 (1.26")	52206CGFC	72206CGF	73206CGC	730206CG
				52206CGF/SS	72206CGFA	73206CG/SS	730206CGB
				53206CG	72206CGFAC	73207CG	730206CGC
				53206CGB	72206CGFA/SS	73207CGB	730206CG/SS
				52205CGFA	53202CG	53204CG	72205CGFA/SS
				52205CGFAC	53202CGB	53204CGB	72205CGFBA
				52205CGFA/SS	53016CG	53204CGC	73204CG
				52205CGFBA	53016CGB	53204CG/SS	73204CGB
				53201CG	53203CG	72205CGFA	73204CGC
				53201CGB	53203CGB	72205CGFAC	73204CG/SS
50014CG	B	84 (3.31")	28 (1.10")	53208CG	53208CGC	73208CG	73208CGC
				53208CGB	53208CG/SS	73208CGB	73208CG/SS

# SAFETY CAP

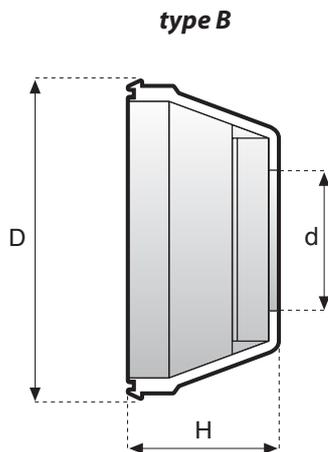
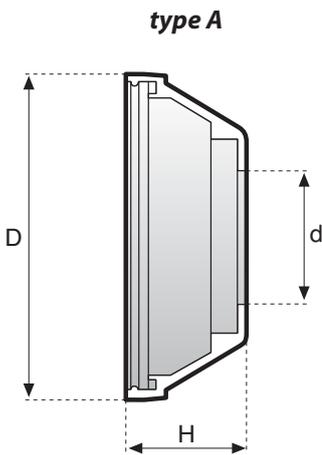


## Clip-on safety cap (open version)

Clip-on safety cap in polypropylene.

### COLOR

- Safety cap in white.



safety cap code	Type	D mm (inches)	d mm (inches)	H mm (inches)	support code			
<b>Type A</b>								
50001.APE/CG	A	80 (3.15")	32 (1.26")	29.5 (1.16")	50206CG-EC	54206CGC-EC	74206CG-EC	700206CGC-EC
					50206CGB-EC	54206CG/SS-EC	74206CGB-EC	700206CG/SS-EC
					50206CGC-EC	70206CG-EC	74206CGC-EC	740206CG-EC
					50206CG/SS-EC	70206CGB-EC	74206CG/SS-EC	740206CGB-EC
					54206CG-EC	70206CGC-EC	700206CG-EC	740206CGC-EC
50002.APE/CG	A	96 (3.78")	42 (1.65")	40 (1.57")	50208CG-EC	54208CG-EC	70208CG-EC	74208CG-EC
					50208CGB-EC	54208CGB-EC	70208CGB-EC	74208CGB-EC
					50208CGC-EC	54208CGC-EC	70208CGC-EC	74208CGC-EC
					50208CG/SS-EC	54208CG/SS-EC	70208CG/SS-EC	74208CG/SS-EC
					53206CGA	53206CGA/SS	73206CGAC-U	730206CGAB-U
50003A.APE/CG	A	71 (2.80")	36 (1.42")	34.5 (1.36")	53206CGAB	73206CGA-U	73206CGA/SS-U	730206CGAC-U
					53206CGAC	73206CGAB-U	730206CGA-U	730206CGA/SS-U
					50207CG-EC	54207CG-EC	70207CG-EC	74207CG-EC
					50207CGB-EC	54207CGB-EC	70207CGB-EC	74207CGB-EC
					50207CGC-EC	54207CGC-EC	70207CGC-EC	74207CGC-EC
50004.APE/CG	A	87.5 (3.44")	43 (1.69")	40.5 (1.59")	50207CG/SS-EC	54207CG/SS-EC	70207CG/SS-EC	74207CG/SS-EC
					50204CG-EC	53205CGAC	70204CG-EC	73205CGAC-U
					50204CGB-EC	53205CGA/SS	70204CGB-EC	73205CGA/SS-U
					50204CGC-EC	54204CG-EC	70204CGC-EC	74204CG-EC
					50204CG/SS-EC	54204CGB-EC	70204CG/SS-EC	74204CGB-EC
50007.APE/CG	A	62 (2.44")	30 (1.18")	30 (1.18")	53205CGA	54204CGC-EC	73205CGA-U	74204CGC-EC
					53205CGAB	54204CG/SS-EC	73205CGAB-U	74204CG/SS-EC
					50201CG-EC	50203CG-EC	54201CG-EC	54203CG-EC
					50201CGB-EC	50203CGB-EC	54201CGB-EC	54203CGB-EC
					50202CG-EC	53204CGA	54202CGA-U	73204CGA-U
50008.APE/CG	A	56 (2.20")	25 (0.98")	29.5 (1.16")	50202CGB-EC	53204CGB	54202CGB-EC	73204CGB-U
					50016CG-EC	53204CGAC	54016CG-EC	73204CGAC-U
					50016CGB-EC	53204CGA/SS	54016CGB-EC	73204CGA/SS-U
					50205CG-EC	54205CG-EC	70205CG-EC	74205CG-EC
					50205CGB-EC	54205CGB-EC	70205CGB-EC	74205CGB-EC
50011.APE/CG	A	69.5 (2.74")	36 (1.42")	32 (1.26")	50205CGC-EC	54205CGC-EC	70205CGC-EC	74205CGC-EC
					50205CG/SS-EC	54205CG/SS-EC	70205CG/SS-EC	74205CG/SS-EC
					52205CGF	53205CG	72205CGF	73205CG
					52205CGFB	53205CGB	72205CGFB	73205CGB
					52205CGFC	53205CGC	72205CGFC	73205CGC
50009.APE/CG	B	58.5 (2.30")	28 (1.10")	28 (1.10")	52205CGF/SS	53205CG/SS	72205CGF/SS	73205CG/SS
					52206CGF	53206CGC	72206CGF	73207CG
					52206CGFA	53206CG/SS	72206CGFBA	73207CG/SS
					52206CGFAC	53207CG	72206CGFC	720206CGF
					52206CGFA/SS	53207CGB	72206CGF/SS	720206CGFB
					52206CGFB	53207CGC	73206CG	720206CGFC
					52206CGFBA	53207CG/SS	73206CGB	720206CGF/SS
					52206CGFC	72206CGF	73206CGC	730206CG
					52206CGF/SS	72206CGFA	73206CG/SS	730206CGB
					53206CG	72206CGFAC	73207CG	730206CGC
					53206CGB	72206CGFA/SS	73207CGB	730206CG/SS
					52205CGFA	53202CG	53204CG	72205CGFA/SS
					52205CGFAC	53202CGB	53204CGB	72205CGFBA
					52205CGFA/SS	53016CG	53204CGC	73204CG
					52205CGFBA	53016CGB	53204CG/SS	73204CGB
53201CG	53203CG	72205CGFA	73204CGC					
53201CGB	53203CGB	72205CGFAC	73204CG/SS					
50014.APE/CG	B	84 (3.31")	44 (1.73")	28 (1.10")	53208CG	53208CGC	73208CG	73208CGC
					53208CGB	53208CG/SS	73208CGB	73208CG/SS

# SAFETY CAP



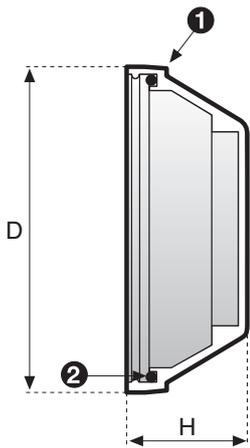
## Clip-on safety cap (closed version)

- 1 Clip-on safety cap in polypropylene.
- 2 Heavy duty O-Ring in NBR

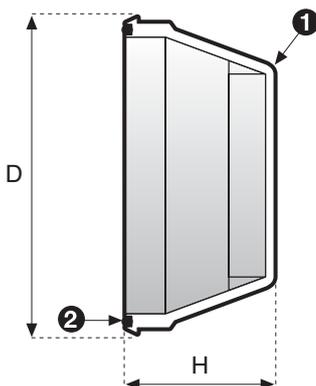
### COLOR

- Safety cap in white.

type A



type B



safety cap code	Type	D mm (inches)	H mm (inches)	support code			
<b>Type A</b>							
50100CG	A	80 (3.15")	29.5 (1.16")	50206CGR-EC	54206CGRL-EC	74206CGRB-EC	740206CGR-EC
				50206CGRB-EC	70206CGR-EC	74206CGRL-EC	740206CGRB-EC
				54206CGR-EC	70206CGRB-EC	700206CGR-EC	740206CGRL-EC
				50206CGRL-EC	70206CGRL-EC	700206CGRB-EC	
				54206CGRB-EC	74206CGR-EC	700206CGRL-EC	
50101CG	A	96 (3.78")	40 (1.57")	50208CGR-EC	54208CGR-EC	70208CGR-EC	74208CGR-EC
				50208CGRB-EC	54208CGRB-EC	70208CGRB-EC	74208CGRB-EC
				50208CGRL-EC	54208CGRL-EC	70208CGRL-EC	74208CGRL-EC
50102CG	A	71 (2.80")	34.5 (1.36")	53206CGAR	73206CGAR-U	730206CGAR-U	
				53206CGARB	73206CGARB-U	730206CGARB-U	
50103CG	A	87.5 (3.44")	40.5 (1.59")	50207CGR-EC	54207CGR-EC	70207CGR-EC	74207CGR-EC
				50207CGRB-EC	54207CGRB-EC	70207CGRB-EC	74207CGRB-EC
50104CG	A	62 (2.44")	30 (1.18")	50204CGR-EC	53205CGARB	70204CGR-EC	73205CGARB-U
				50204CGRB-EC	54204CGR-EC	70204CGRB-EC	74204CGR-EC
				53205CGAR	54204CGRB-EC	73205CGAR-U	74204CGRB-EC
50105CG	A	56 (2.20")	29.5 (1.16")	50201CGR-EC	50016CGRB-EC	54201CGR-EC	54016CGRB-EC
				50201CGRB-EC	50203CGR-EC	54201CGRB-EC	54203CGR-EC
				50202CGR-EC	50203CGRB-EC	54202CGR-EC	54203CGRB-EC
				50202CGRB-EC	53204CGAR	54202CGRB-EC	73204CGAR-U
				50016CGR-EC	53204CGARB	54016CGR-EC	73204CGARB-U
50108CG	A	69.5 (2.74")	32 (1.26")	50205CGR-EC	54205CGR-EC	70205CGR-EC	74205CGR-EC
				50205CGRB-EC	54205CGRB-EC	70205CGRB-EC	74205CGRB-EC

safety cap code	Type	D mm (inches)	H mm (inches)	support code			
<b>Type B</b>							
50106CG	B	58.5 (2.30")	28 (1.10")	52205CGFR	53205CGR	72205CGFR	73205CGR
				52205CGFRB	53205CGRB	72205CGFRB	73205CGRB
				52206CGFR	53206CGRB	72206CGFRB	73207CGRB
50107CG	B	76 (2.99")	32 (1.26")	52206CGFRA	53207CGR	72206CGFRBA	720206CGFR
				52206CGFRB	53207CGRB	73206CGR	720206CGFRB
				52206CGFRBA	72206CGFR	73206CGRB	730206CGR
				53206CGR	72206CGFRA	73207CGR	730206CGRB
				52205CGFRA	53202CGR	53203CGR	72205CGFRA
50109CG	B	50 (1.97")	26.5 (1.04")	52205CGFRBA	53202CGRB	53203CGRB	72205CGFRBA
				53201CGR	53016CGR	53204CGR	73204CGR
				53201CGRB	53016CGRB	53204CGRB	73204CGRB
50110CG	B	84 (3.31")	28 (1.10")	53208CGR	73208CGR		
				53208CGRB	73208CGRB		

# SAFETY CAP



## Clip-on safety cap (open version)

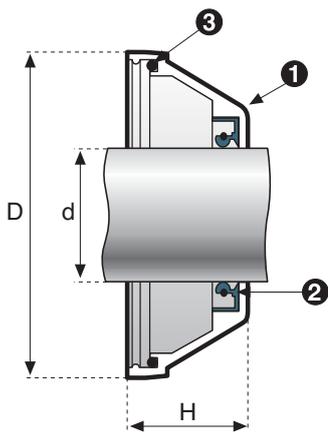
### COMPONENTS

- 1 Clip-on safety cap in polypropylene.
- 2 Rotary shaft seal ring with extra dust protection lip in NBR rubber.
- 3 Heavy duty O-Ring in NBR rubber.

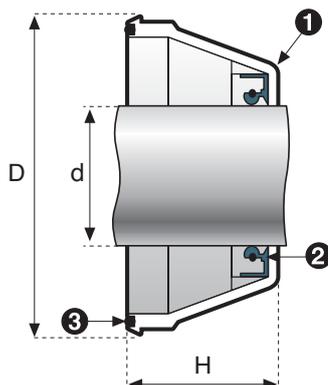
### COLOR

- Safety cap in white.

type A

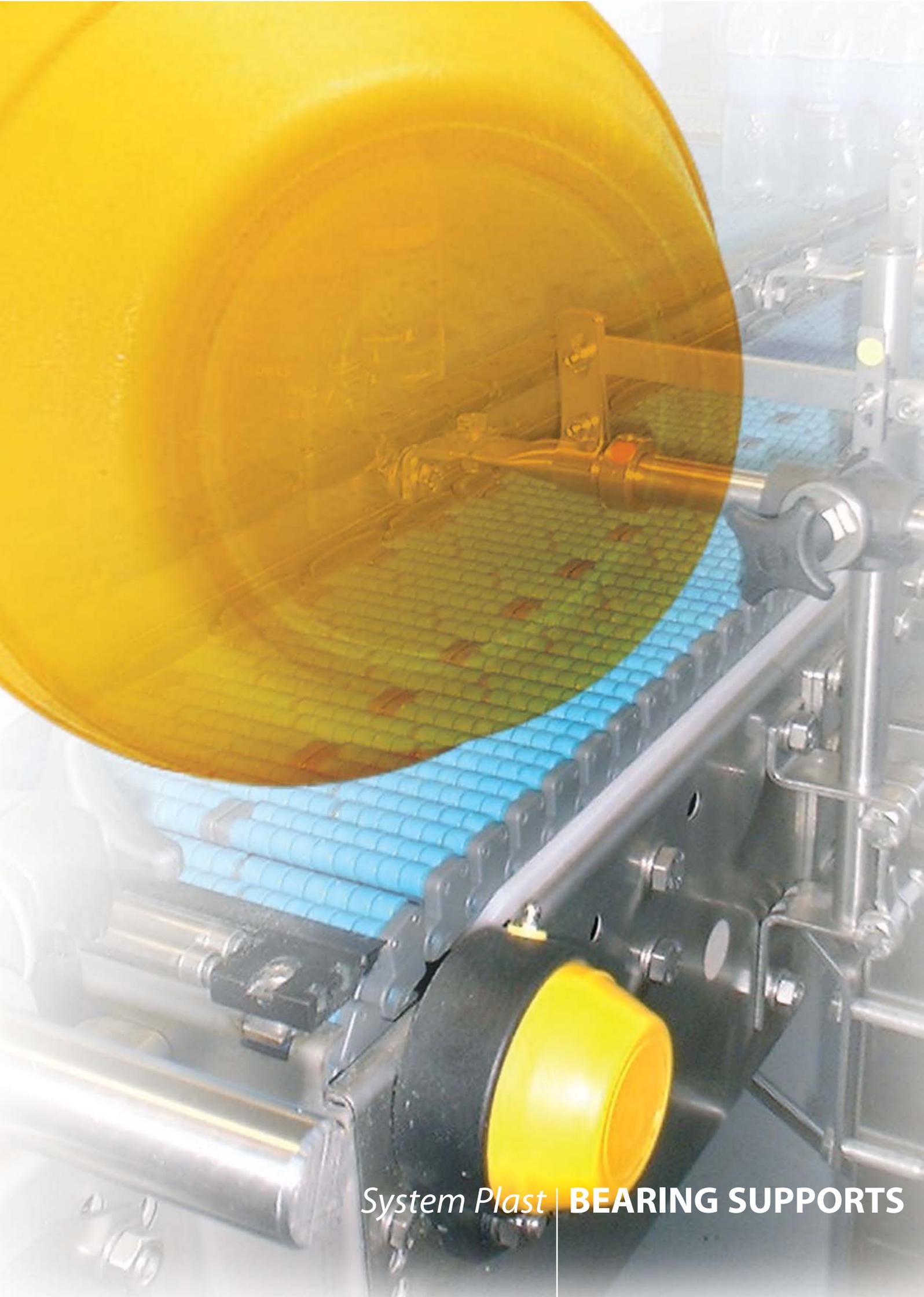


type B



safety cap code	Type	d mm (inches)	D mm (inches)	H mm (inches)	support code			
<b>Type A</b>								
50052CG	A	30 (1 <sup>3</sup> / <sub>16</sub> "	80 (3.15")	29.5 (1.16")	55206CGR-EC 55206CGRB-EC 55206CGR-EC	59206CGR-EC 59206CGRB-EC 59206CGR-EC	75206CGR-EC 75206CGRB-EC 75206CGR-EC	79206CGR-EC 79206CGRB-EC 79206CGR-EC
50055CG	A	40	96	40	55208CGR-EC 55208CGRB-EC	55208CGR-EC 59208CGR-EC	59208CGRB-EC 59208CGR-EC	59208CGR-EC 59208CGR-EC
50058CG	A	30	71 (2.80")	34.5 (1.36")	58206CGAR 58206CGRB	78206CGAR-U 78206CGRB-U		
50060CG	A	35	87.5	40.5	55207CGR-EC	55207CGRB-EC	59207CGR-EC	59207CGRB-EC
50061CG	A	25 (1")	62 (2.44")	30 (1.18")	58205CGAR 58205CGRB	78205CGAR-U 78205CGRB-U		
50062CG	A	20	56	29.5	58204CGAR	58204CGRB		
50064CG	A	12	56	29.5	55201CGR-EC	55201CGRB-EC	59201CGR-EC	59201CGRB-EC
50065CG	A	15	56	29.5	55202CGR-EC	55202CGRB-EC	59202CGR-EC	59202CGRB-EC
50066CG	A	16	56	29.5	55016CGR-EC	55016CGRB-EC	59016CGR-EC	59016CGRB-EC
50067CG	A	17	56	29.5	55203CGR-EC	55203CGRB-EC	59203CGR-EC	59203CGRB-EC
50068CG	A	20	62	30	55204CGR-EC 55204CGRB-EC	58205CGAR 58205CGRB	59204CGR-EC 59204CGRB-EC	
50069CG	A	25 (1")	69.5 (2.74")	32 (1.26")	55205CGR-EC 55205CGRB-EC	59205CGR-EC 59205CGRB-EC	75205CGR-EC 75205CGRB-EC	79205CGR-EC 79205CGRB-EC
70055CG	A	(1 <sup>1</sup> / <sub>2</sub> ")	(3.78")	(1.57")	75208CGR-EC 75208CGRB-EC	75208CGR-EC 79208CGR-EC	79208CGRB-EC 79208CGR-EC	
70060CG	A	(1 <sup>7</sup> / <sub>16</sub> ")	(3.44")	(1.59")	75207CGR-EC	75207CGRB-EC	79207CGR-EC	79207CGRB-EC
70062CG	A	( <sup>3</sup> / <sub>4</sub> ")	(2.20")	(1.16")	78204CGAR-U	78204CGRB-U		
70068CG	A	(1 <sup>1</sup> / <sub>4</sub> ")	(2.80")	(1.36")	780206CGAR-U	780206CGRB-U		
70071CG	A	(1 <sup>1</sup> / <sub>4</sub> ")	(3.15")	(1.16")	750206CGR-EC 750206CGRB-EC	750206CGR-EC 790206CGR-EC	790206CGRB-EC 790206CGR-EC	
70073CG	A	( <sup>3</sup> / <sub>4</sub> ")	(2.44")	(1.18")	75204CGR-EC	75204CGRB-EC	79204CGR-EC	79204CGRB-EC
<b>Type B</b>								
50073CG	B	25 (1")	58.5 (2.30")	28 (1.10")	57205CGFR 57205CGFRB	58205CGR 58205CGRB	77205CGFR 77205CGFRB	78205CGR 78205CGRB
50074CG	B	30	76 (2.99")	32 (1.26")	57206CGFR 57206CGFRB	58206CGR 58206CGRB	77206CGFR 77206CGFRB	78206CGR 78206CGRB
50075CG	B	35	76	32	58207CGR	58207CGRB		
50077CG	B	12	50	26.5	58201CGR	58201CGRB		
50078CG	B	15	50	26.5	58202CGR	58202CGRB		
50079CG	B	16	50	26.5	58016CGR	58016CGRB		
50080CG	B	17	50	26.5	58203CGR	58203CGRB		
50081CG	B	20	50	26.5	57205CGFRA	57205CGFRBA	58204CGR	58204CGRB
50082CG	B	40	84	28	58208CGR	58208CGRB		
50088CG	B	25 (1")	76 (2.99")	32 (1.26")	57206CGFRA 57206CGFRBA	77206CGFRA 77206CGFRBA		
70074CG	B	(1 <sup>1</sup> / <sub>4</sub> ")	(2.99")	(1.26")	770206CGFR 770206CGFRB	770206CGFR 770206CGFRB	780206CGR	780206CGRB
70075CG	B	(1 <sup>7</sup> / <sub>16</sub> ")	(2.99")	(1.26")	78207CGR	78207CGRB		
70081CG	B	( <sup>3</sup> / <sub>4</sub> ")	(1.97")	(1.04")	77205CGFRA	77205CGFRBA	78204CGR	78204CGRB
70082CG	B	(1 <sup>1</sup> / <sub>2</sub> ")	(3.31")	(1.10")	78208CGR	78208CGRB		





*System Plast* | **BEARING SUPPORTS**



**Flanged bearing support series UCF for plain shafts**  
d 20-25-30-35-40 mm



see also... Features: page 148

Lubrication/maintenance: 149

Mounting instructions: 151

Calculation of load capacity and bearing life: 153

Accessories: 144

Chemical resistance: 160

## TECHNICAL INFORMATION

### ● Resistance to corrosion:

- Polyamide version (PA): good resistance to many corrosive chemicals such as water, oils, greases, petrol, milk, wine, alcoholic beverages.
- Polypropylene version (PP): good resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.

### ● Load capacity:

- Polyamide version (PA): high load capacity.
- Polypropylene version (PP): low capacity.

### ● Continuous operating temperature:

- Polyamide version (PA): from -20°C to +90°C.
  - Polypropylene version (PP): from -20°C to +70°C.
- Both versions maintain good dimensional stability at the maximum indicated temperature.

### ● Economical operation.

Long life, maintenance free.

### ● Self-alignment:

Max. misalignment between shaft and housing: 2.5°.

### ● Concept and design to meet all safety requirements.

### ● Interchangeability:

Interchangeable with standard cast iron flanged supports.



accessory

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple (available upon request) quick coupler to take semi-rigid hoses Ø 4 mm in Rilsan (see accessories on page 144).
- 4 Clip-on safety cap (accessory). Open version achievable by pressing in the shaft against the internal side of the cap.
- 5 Spacers to reinforce bolt holes.
- 6 Washer UNI 6592.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

### PA VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel or stainless steel.
- Grease-nipple in nickel plated brass or stainless steel.
- Safety cap in polypropylene (accessory).
- Spacers in nickel plated brass.
- Washers in stainless steel AISI 304 - DIN 1.4301.

### PP VERSION IN POLYPROPYLENE (PP) MATERIALS

- Reinforced polypropylene housing.
- High quality ball bearing in stainless steel.
- Grease-nipple in stainless steel.
- Safety cap in polypropylene (accessory).
- Spacers in stainless steel AISI 304 - DIN 1.4301.
- Washers in stainless steel AISI 304 - DIN 1.4301.

## COLOUR

- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



series UCF



Plain Shaft



Ø mm

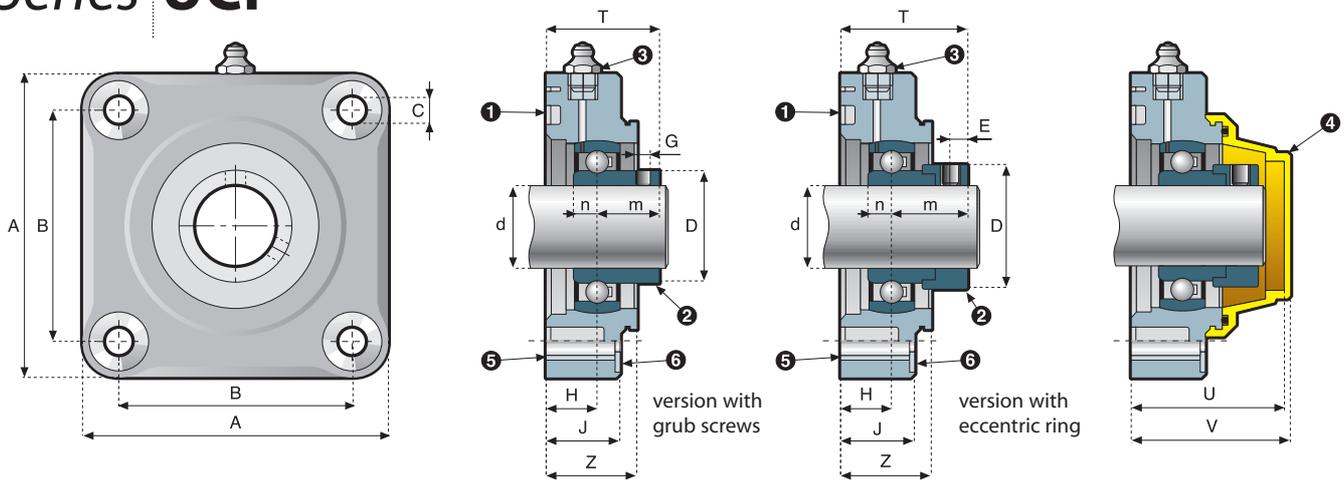


Polyamide



Polypropylene

# Series UCF



Ø d mm	code version (PA)	safety cap code	dimensions (mm)													bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)	
			A	B	C	D	E	G	H	J	Z	T	m	n	U	V	dynamic C (N)			static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																				
20	<b>50204S</b>	50003A	86	63	11	28.5	5.4	M6x0.75	16	19	25	34.2	18.2	7	50	52	9850	6580	12800	0.23
20	50204A	50003A	98	70	11	28.5	5.4	M6x0.75	16	19	25	34.2	18.2	7	50	52	9850	6580	12800	0.35
25	50205S	50003A	86	63	11	34	5.4	M6x0.75	15	19	25	34.5	19.5	7.5	50	52	10800	7800	12800	0.28
25	<b>50205A</b>	50003A	98	70	11	34	5.4	M6x0.75	15	19	25	34.5	19.5	7.5	50	52	10800	7800	13000	0.41
25	50205	50001	110	83	11	34	5.4	M6x0.75	19	25	31	38.5	19.5	7.5	53	55	10800	7800	13000	0.45
30	50206S	50004	110	77	11	40	5.9	M6x0.75	22	25	36	44	22	8	68	70	15000	11300	12000	0.50
30	<b>50206</b>	50001	110	83	11	40	5.9	M6x0.75	18	25	31	40	22	8	53	55	15000	11300	13000	0.56
35	50207	50002	110	83	11	46.7	7.4	M6x0.75	20	25	35	45.5	25.5	9.5	67	69	19700	15300	12800	0.70
35	<b>50207G</b>	50002	118	92	14	46.7	7.4	M6x0.75	20	25	35	45.5	25.5	9.5	67	69	19700	15300	13000	0.80
40	50208S	50004	110	77	11	52.7	8	M8x1.00	19	25	36	51.1	32.1	9	68	70	22400	17900	12000	0.88
40	50208	50002	110	83	11	52.7	8	M8x1.00	20	25	35	52.1	32.1	9	67	69	22400	17900	12500	0.87
40	50208G	50002	118	92	14	52.7	8	M8x1.00	20	25	35	52.1	32.1	9	67	69	22400	17900	12800	0.86
40	<b>50208F</b>	50002	130	101.5	14	52.7	8	M8x1.00	20	25	35	52.1	32.1	9	67	69	22400	17900	12500	0.90

<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																				
20	<b>50204SB</b>	50003A	86	63	11	33.3	5	M6x0.75	16	19	25	39.6	23.6	7.5	50	52	9850	6580	12800	0.26
20	50204AB	50003A	98	70	11	33.3	5	M6x0.75	16	19	25	39.6	23.6	7.5	50	52	9850	6580	12800	0.40
25	50205SB	50003A	86	63	11	38	5	M6x0.75	15	19	25	38.6	23.6	7.5	50	52	10800	7800	12800	0.35
25	<b>50205AB</b>	50003A	98	70	11	38	5	M6x0.75	15	19	25	38.6	23.6	7.5	50	52	10800	7800	13000	0.44
25	50205B	50001	110	83	11	38	5	M6x0.75	19	25	31	42.6	23.6	7.5	53	55	10800	7800	13000	0.48
30	50206SB	50004	110	77	11	44.5	6.2	M8x1.00	22	25	36	48.9	26.9	9	68	70	15000	11300	12000	0.70
30	<b>50206B</b>	50001	110	83	11	44.5	6.2	M8x1.00	18	25	31	44.9	26.9	9	53	55	15000	11300	13000	0.60
35	50207B	50002	110	83	11	55.6	7	M10x1.25	20	25	35	49.6	29.6	9.5	67	69	19700	15300	12800	0.78
35	<b>50207GB</b>	50002	118	92	14	55.6	7	M10x1.25	20	25	35	49.6	29.6	9.5	67	69	19700	15300	13000	0.88
40	50208SB	50004	110	77	11	60.3	7	M10x1.25	19	25	36	53.6	34.6	9	68	70	22400	17900	12000	0.97
40	50208B	50002	110	83	11	60.3	7	M10x1.25	20	25	35	54.6	34.6	9	67	69	22400	17900	12500	0.95
40	50208GB	50002	118	92	14	60.3	7	M10x1.25	20	25	35	54.6	34.6	9	67	69	22400	17900	12800	0.91
40	<b>50208FB</b>	50002	130	101.5	14	60.3	7	M10x1.25	20	25	35	54.6	34.6	9	67	69	22400	17900	13000	0.97

Ø d mm	code version		safety cap code	dimensions (mm)													bearing load ratings		max. radial load capacity on plastic housing		weight (Kg)	
	PA	PP		A	B	C	D	E	G	H	J	Z	T	m	n	U	V	dynamic C (N)	static Co (N)	PA (N)		PP (N)
<b>STAINLESS STEEL BEARING (with grub screws)</b>																						
20	<b>50204S/SS</b>	<b>60204S</b>	50003A	86	63	11	28.5	5.4	M6x0.75	16	19	25	34.2	18.2	7.6	50	52	7300	4900	12000	6100	0.23
20	50204A/SS	60204A	50003A	98	70	11	28.5	5.4	M6x0.75	16	19	25	34.2	18.2	7.6	50	52	7300	4900	13000	6100	0.35
25	50205S/SS	60205S	50003A	86	63	11	34	5.4	M6x0.75	15	19	25	34.8	19.8	7.6	50	52	8100	5800	12000	6100	0.28
25	<b>50205A/SS</b>	<b>60205A</b>	50003A	98	70	11	34	5.4	M6x0.75	15	19	25	34.8	19.8	7.6	50	52	8100	5800	13000	6100	0.41
25	50205/SS	60205	50001	110	83	11	34	5.4	M6x0.75	19	25	31	38.8	19.8	7.6	53	55	8100	5800	13000	6200	0.45
30	50206S/SS	60206S	50004	110	77	11	40	5.9	M6x0.75	22	25	36	44.2	22.2	9	68	70	11250	8400	12500	6100	0.50
30	<b>50206/SS</b>	<b>60206</b>	50001	110	83	11	40	5.9	M6x0.75	18	25	31	40.2	22.2	9	53	55	11250	8400	13000	6000	0.56
35	50207/SS	60207	50002	110	83	11	46.7	7.4	M6x0.75	20	25	35	45.4	25.4	9.6	67	69	14700	11400	12800	6000	0.70
35	<b>50207G/SS</b>	<b>60207G</b>	50002	118	92	14	46.7	7.4	M6x0.75	20	25	35	45.4	25.4	9.6	67	69	14700	11400	13000	6000	0.80
40	50208S/SS	60208S	50004	110	77	11	52.7	8	M8x1.00	19	25	36	49.1	30.1	11	68	70	16800	13400	12500	6100	0.88
40	50208/SS	60208	50002	110	83	11	52.7	8	M8x1.00	20	25	35	50.1	30.1	11	67	69	16800	13400	12500	6200	0.87
40	50208G/SS	60208G	50002	118	92	14	52.7	8	M8x1.00	20	25	35	50.1	30.1	11	67	69	16800	13400	12800	6400	0.86
40	<b>50208F/SS</b>	<b>60208F</b>	50002	130	101.5	14	52.7	8	M8x1.00	20	25	35	50.1	30.1	11	67	69	16800	13400	14000	6200	0.90

# Series UCF-R

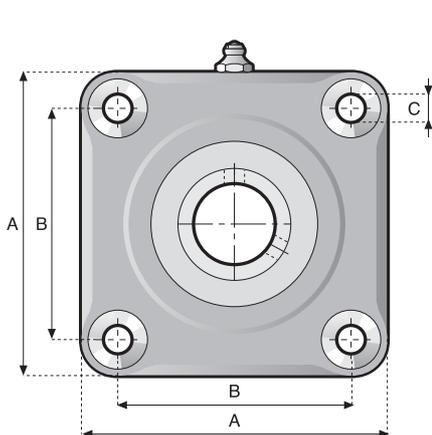


**Flanged bearing support series UCF-R for plain shafts**  
**d 20-25-30-35-40 mm**



**see also...** Features: page 148

Lubrication/maintenance: 149
Mounting instructions: 151
Calculation of load capacity and bearing life: 153
Accessories: 144
Chemical resistance: 160



## TECHNICAL INFORMATION

- **Complete sealed units.**
- **Resistance to corrosion:**
  - Polyamide version (PA): good resistance to many corrosive chemicals such as water, oils, greases, petrol, milk, wine, alcoholic beverages.
  - Polypropylene version (PP): excellent resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.
- **Load capacity:**
  - Polyamide version (PA): high load capacity.
  - Polypropylene version (PP): low capacity.
- **Continuous operating temperature:**
  - Polyamide version (PA): from -20°C to +90°C.
  - Polypropylene version (PP): from -20°C to +70°C.

Both versions maintain good dimensional stability at the maximum indicated temperature.
- **Economical operation.**  
 Long life, maintenance free.
- **Self-alignment:**  
 Max. misalignment between shaft and housing: 2°.
- **Concept and design to meet all safety requirements.**
- **Interchangeability:**  
 Interchangeable with standard cast iron flanged supports.

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple (available upon request) quick coupler to take semi-rigid hoses Ø 4 mm in Rilsan (see accessories on page 144).
- 4 Clip-on safety cap (closed version).
- 5 Clip-on safety cap (open version).
- 6 Washer UNI 6592.
- 7 Spacers to reinforce bolt holes.
- 8 Rotary shaft seal ring with extra dust-protection lip.
- 9 Heavy duty O-Ring.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

### VERSION IN POLYAMIDE (PA) MATERIALS

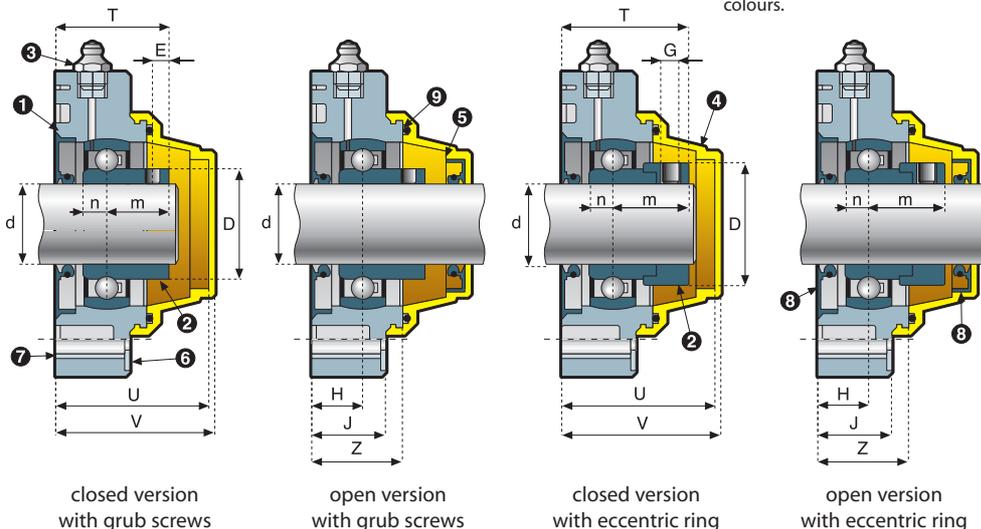
- Reinforced polyamide housing.
- High quality ball bearing in chrome steel.
- Grease-nipple in nickel plated brass.
- Safety cap in polypropylene.
- Washers in stainless steel AISI 304 - DIN 1.4301.
- Spacers in nickel plated brass.
- Seal and O-Ring in NBR-rubber.

### VERSION IN POLYPROPYLENE (PP) MATERIALS

- Reinforced polypropylene housing.
- High quality ball bearing in chrome steel.
- Grease-nipple in stainless steel.
- Safety cap in polypropylene.
- Washers in stainless steel AISI 304 - DIN 1.4301.
- Spacers in stainless steel AISI 304 - DIN 1.4301.
- Seal and O-Ring in VITON-rubber.

## COLOUR

- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.





series UCF-R



Plain Shaft



Ø mm



Waterproof



Polyamide



Polypropylene

Ø d mm	code version		dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing (N)	weight (Kg)
	closed	open	A	B	C	D	E	G	H	J	Z	T	m	n	U	V	dynamic C (N)	static Co (N)		
<b>SHAFT LOCKING WITH GRUB SCREWS VERSION IN POLYAMIDE - PA -</b>																				
20	<b>50204SR</b>	<b>55204SR</b>	86	63	11	28.5	5.4	M6x0.75	16	19	25	34.2	18.2	7	50	52	9850	6580	12000	0.28
20	50204AR	55204AR	98	70	11	28.5	5.4	M6x0.75	16	19	25	34.2	18.2	7	50	52	9850	6580	12000	0.38
25	50205SR	55205SR	86	63	11	34	5.4	M6x0.75	15	19	25	34.5	19.5	7.5	50	52	10800	7800	12000	0.31
25	<b>50205AR</b>	<b>55205AR</b>	98	70	11	34	5.4	M6x0.75	15	19	25	34.5	19.5	7.5	50	52	10800	7800	13000	0.42
25	50205R	55205R	110	83	11	34	5.4	M6x0.75	19	25	31	38.5	19.5	7.5	53	55	10800	7800	13000	0.46
30	50206SR	55206SR	110	77	11	40	5.9	M6x0.75	22	25	36	44	22	8	68	70	15000	11300	12000	0.63
30	<b>50206R</b>	<b>55206R</b>	110	83	11	40	5.9	M6x0.75	18	25	31	40	22	8	53	55	15000	11300	13000	0.59
35	50207R	55207R	110	83	11	46.7	7.4	M6x0.75	20	25	35	45.6	25.6	9.5	67	69	19700	15300	12800	0.74
35	<b>50207N</b>	<b>55207N</b>	118	92	14	46.7	7.4	M6x0.75	20	25	35	45.6	25.6	9.5	67	69	19700	15300	13000	0.90
40	50208SR	55208SR	110	77	11	52.7	8	M8x1.00	19	25	36	51.1	32.1	9	68	70	22400	17900	10000	0.94
40	50208R	55208R	110	83	11	52.7	8	M8x1.00	20	25	35	52.1	32.1	9	67	69	22400	17900	12500	0.90
40	50208N	55208N	118	92	14	52.7	8	M8x1.00	20	25	35	52.1	32.1	9	67	69	22400	17900	12800	1.00
40	<b>50208FR</b>	<b>55208FR</b>	130	101.5	14	52.7	8	M8x1.00	20	25	35	52.1	32.1	9	67	69	22400	17900	12500	0.98
<b>SHAFT LOCKING WITH ECCENTRIC RING VERSION IN POLYAMIDE - PA -</b>																				
20	<b>50204SRB</b>	<b>55204SRB</b>	86	63	11	33.3	5	M6x0.75	16	19	25	39.6	23.6	7.5	50	52	9850	6580	12000	0.29
20	50204ARB	55204ARB	98	70	11	33.3	5	M6x0.75	16	19	25	39.6	23.6	7.5	50	52	9850	6850	12000	0.32
25	50205SRB	55205SRB	86	63	11	38	5	M6x0.75	15	19	25	38.6	23.6	7.5	50	52	10800	7800	12000	0.25
25	<b>50205ARB</b>	<b>55205ARB</b>	98	70	11	38	5	M6x0.75	15	19	25	38.6	23.6	7.5	50	52	10800	7800	13000	0.45
25	50205RB	55205RB	110	83	11	38	5	M6x0.75	19	25	31	42.6	23.6	7.5	53	55	10800	7800	13000	0.50
30	50206/OH	55206/OH	110	77	11	44.5	6.2	M8x1.00	22	25	36	48.9	26.9	9	68	70	15000	11300	12000	0.73
30	<b>50206RB</b>	<b>55206RB</b>	110	83	11	44.5	6.2	M8x1.00	18	25	31	44.9	26.9	9	53	55	15000	11300	13000	0.66
35	50207RB	55207RB	110	83	11	55.6	7	M10x1.25	20	25	35	49.6	29.6	9.5	67	69	19700	15300	12800	0.80
35	<b>50207NB</b>	<b>55207NB</b>	118	92	14	55.6	7	M10x1.25	20	25	35	49.6	29.6	9.5	67	69	19700	15300	13000	0.95
40	50208/OH	55208/OH	110	77	11	60.3	7	M10x1.25	19	25	36	53.6	34.6	9	68	70	22400	17900	10000	0.98
40	50208RB	55208RB	110	83	11	60.3	7	M10x1.25	20	25	35	54.6	34.6	9	67	69	22400	17900	12500	1.10
40	50208NB	55208NB	118	92	14	60.3	7	M10x1.25	20	25	35	54.6	34.6	9	67	69	22400	17900	12800	1.15
40	<b>50208FRB</b>	<b>55208FRB</b>	130	101.5	14	60.3	7	M10x1.25	20	25	35	54.6	34.6	9	67	69	22400	17900	12500	1.12
<b>SHAFT LOCKING WITH GRUB SCREWS VERSION IN POLYPROPYLENE - PP -</b>																				
20	<b>60204SR</b>	<b>65204SR</b>	86	63	11	28.5	5.4	M6x0.75	16	19	25	34.2	18.2	7	50	52	9850	6580	6100	0.28
20	60204AR	65204AR	98	70	11	28.5	5.4	M6x0.75	16	19	25	34.2	18.2	7	50	52	9850	6580	6100	0.38
25	60205SR	65205SR	86	63	11	34	5.4	M6x0.75	15	19	25	34.5	19.5	7.5	50	52	10800	7800	6100	0.31
25	<b>60205AR</b>	<b>65205AR</b>	98	70	11	34	5.4	M6x0.75	15	19	25	34.5	19.5	7.5	50	52	10800	7800	6100	0.42
25	60205R	65205R	110	83	11	34	5.4	M6x0.75	19	25	31	38.5	19.5	7.5	53	55	10800	7800	6200	0.46
30	60206SR	65206SR	110	77	11	40	5.9	M6x0.75	22	25	36	44	22	8	68	70	15000	11300	6100	0.63
30	<b>60206R</b>	<b>65206R</b>	110	83	11	40	5.9	M6x0.75	18	25	31	40	22	8	53	55	15000	11300	6000	0.59
35	60207R	65207R	110	83	11	46.7	7.4	M6x0.75	20	25	35	45.6	25.6	9.5	67	69	19700	15300	6000	0.74
35	<b>60207N</b>	<b>65207N</b>	118	92	14	46.7	7.4	M6x0.75	20	25	35	45.6	25.6	9.5	67	69	19700	15300	6200	0.90
40	60208SR	65208SR	110	77	11	52.7	8	M8x1.00	19	25	36	51.1	32.1	9	68	70	22400	17900	6100	0.94
40	60208R	65208R	110	83	11	52.7	8	M8x1.00	20	25	35	52.1	32.1	9	67	69	22400	17900	5800	0.90
40	60208N	65208N	118	92	14	52.7	8	M8x1.00	20	25	35	52.1	32.1	9	67	69	22400	17900	6400	1.00
40	60208FR	65208FR	130	101.5	14	52.7	8	M8x1.00	20	25	35	52.1	32.1	9	67	69	22400	17900	6200	0.98
<b>SHAFT LOCKING WITH ECCENTRIC RING VERSION IN POLYPROPYLENE - PP -</b>																				
20	<b>60204SRB</b>	<b>65204SRB</b>	86	63	11	33.3	5	M6x0.75	16	19	25	39.6	23.6	7.5	50	52	9850	6580	6100	0.29
20	60204ARB	65204ARB	98	70	11	33.3	5	M6x0.75	16	19	25	39.6	23.6	7.5	50	52	9850	6580	6100	0.32
25	60205SRB	65205SRB	86	63	11	38	5	M6x0.75	15	19	25	38.6	23.6	7.5	50	52	10800	7800	6100	0.25
25	<b>60205ARB</b>	<b>65205ARB</b>	98	70	11	38	5	M6x0.75	15	19	25	38.6	23.6	7.5	50	52	10800	7800	6100	0.45
25	60205RB	65205RB	110	83	11	38	5	M6x0.75	19	25	31	42.6	23.6	7.5	53	55	10800	7800	6200	0.50
30	60206/OH	65206/OH	110	77	11	44.5	6.2	M8x1.00	22	25	36	48.9	26.9	9	68	70	15000	11300	6100	0.73
30	<b>60206RB</b>	<b>65206RB</b>	110	83	11	44.5	6.2	M8x1.00	18	25	31	44.9	26.9	9	53	55	15000	11300	6000	0.66
35	60207RB	65207RB	110	83	11	55.6	7	M10x1.25	20	25	35	49.6	29.6	9.5	67	69	19700	15300	6000	0.80
35	<b>60207NB</b>	<b>65207NB</b>	118	92	14	55.6	7	M10x1.25	20	25	35	49.6	29.6	9.5	67	69	19700	15300	6200	0.95
40	60208/OH	65208/OH	110	77	11	60.3	7	M10x1.25	19	25	36	53.6	34.6	9	68	70	22400	17900	6100	0.98
40	60208RB	65208RB	110	83	11	60.3	7	M10x1.25	20	25	35	54.6	34.6	9	67	69	22400	17900	5800	1.10
40	60208NB	65208NB	118	92	14	60.3	7	M10x1.25	20	25	35	54.6	34.6	9	67	69	22400	17900	6400	1.15
40	<b>60208FRB</b>	<b>65208FRB</b>	130	101.5	14	60.3	7	M10x1.25	20	25	35	54.6	34.6	9	67	69	22400	17900	6200	1.12

The dimension of the housings related to codes printed in bold letters are unified according to international standards.

# Series UCF-RL



**Maintenance Free  
Flanged bearing support  
series UCF-RL  
for plain shafts  
d 30-40 mm**



see also... Features: page 148

Lubrication/maintenance: 149

Mounting instructions: 151

Calculation of load capacity  
and bearing life: 153

Accessories: 144

Chemical resistance: 160



## TECHNICAL INFORMATION

- **Complete sealed units.**
- **Resistance to corrosion:**
  - Polyamide version (PA): high resistance to many corrosive chemicals such as water, oils, greases, petrol, milk, wine, alcoholic beverages.
  - Polypropylene version (PP): excellent resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.
- **Load capacity:**
  - Polyamide version (PA): high load capacity.
  - Polypropylene version (PP): low capacity.
- **Continuous operating temperature:**
  - Polyamide version (PA): from -20°C to +90°C.
  - Polypropylene version (PP): from -20°C to +70°C.

Both versions maintain good dimensional stability at the maximum indicated temperature.
- **Ball bearing pre-lubricated with long-life grease, which is ideal in applications within humid conditions, water, alkaline or acid solutions.**
- **Maintenance free.**
- **Self-alignment:**  
Max. misalignment between shaft and housing: 2°.
- **Concept and design to meet all safety requirements.**
- **Interchangeability:**  
Interchangeable with standard cast iron flanged supports.

## COMPONENTS

- 1 Housing in plastic material.
- 2 High quality maintenance free ball bearing.
- 3 Clip-on safety cap (closed version).
- 4 Clip-on safety cap (open version).
- 5 Washer UNI 6592.
- 6 Spacers to reinforce bolt holes.
- 7 Rotary shaft seal ring with extra dust-protection lip.
- 8 Heavy duty O-Ring.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

### PA VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality maintenance free ball bearing in chrome steel.
- Safety cap in polypropylene.
- Washers in stainless steel AISI 304 - DIN 1.4301.
- Spacers in nickel plated brass.
- Seal and O-Ring in NBR-rubber

### PP VERSION IN POLYPROPYLENE (PP) MATERIALS

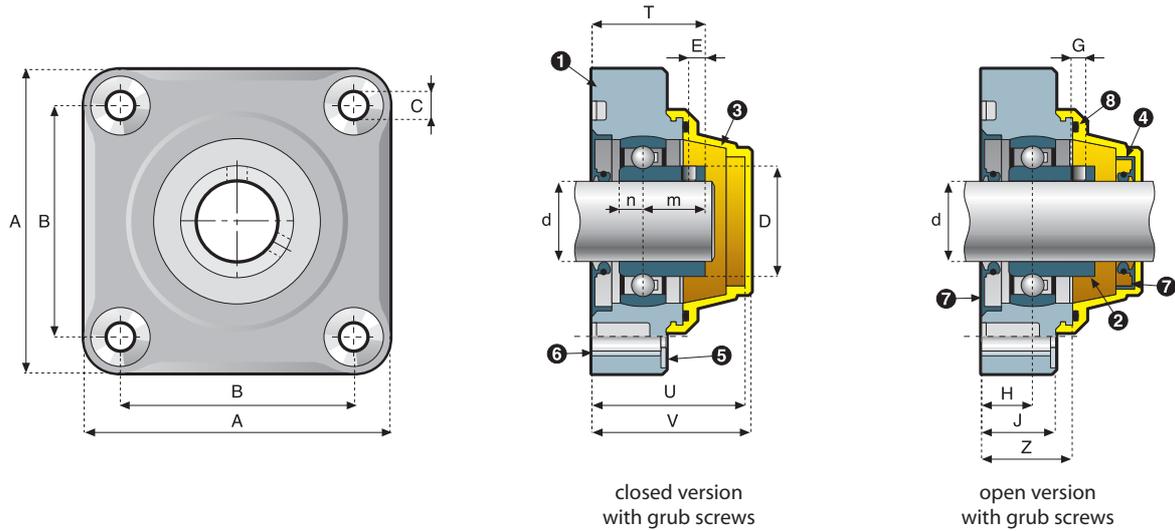
- Reinforced polypropylene housing.
- High quality maintenance free ball bearing in chrome steel.
- Safety cap in polypropylene.
- Washers in stainless steel AISI 304 - DIN 1.4301.
- Spacers in stainless steel AISI 304 - DIN 1.4301.
- Seal and O-Ring in VITON-rubber.

## COLOUR

- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



# Series UCF-RL



Ø d mm	code version		dimensions (mm)													bearing load ratings		max. radial load capacity on plastic housing (N)	weight (Kg)	
	closed	open	A	B	C	D	E	G	H	J	Z	T	m	n	U	V	dynamic C (N)			static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS VERSION IN POLYAMIDE - PA-</b>																				
30	50206SRL	55206SRL	110	77	11	40	5.9	M6x0.75	22	25	36	44	22	8	68	70	15000	11300	12000	0.63
30	<b>50206RL</b>	<b>55206RL</b>	110	83	11	40	5.9	M6x0.75	18	25	31	40	22	8	53	55	15000	11300	13000	0.59
40	50208SRL	55208SRL	110	77	11	52.7	8	M8x1.00	19	25	36	50.1	32.1	9	68	70	22400	17900	10000	0.94
40	50208RL	55208RL	110	83	11	52.7	8	M8x1.00	20	25	35	52.1	32.1	9	67	69	22400	17900	12500	0.90
40	50208NL	55208NL	118	92	14	52.7	8	M8x1.00	20	25	35	52.1	32.1	9	67	69	22400	17900	12800	1.00
40	<b>50208FRL</b>	<b>55208FRL</b>	130	101.5	14	52.7	8	M8x1.00	20	25	35	52.1	32.1	9	67	69	22400	17900	12500	0.98
<b>SHAFT LOCKING WITH GRUB SCREWS VERSION IN POLYPROPYLENE -PP-</b>																				
30	60206SRL	65206SRL	110	77	11	40	5.9	M6x0.75	22	25	36	44	22	8	68	70	15000	11300	6100	0.63
30	<b>60206RL</b>	<b>65206RL</b>	110	83	11	40	5.9	M6x0.75	18	25	31	40	22	8	53	55	15000	11300	6200	0.59
40	60208SRL	65208SRL	110	77	11	52.7	8	M8x1.00	19	25	36	50.1	32.1	9	68	70	22400	17900	5800	0.94
40	60208RL	65208RL	100	83	11	52.7	8	M8x1.00	20	25	35	52.1	32.1	9	67	69	22400	17900	6150	0.90
40	60208NL	65208NL	118	92	14	52.7	8	M8x1.00	20	25	35	52.1	32.1	9	67	69	22400	17900	6180	1.00
40	<b>60208FRL</b>	<b>65208FRL</b>	130	101.5	14	52.7	8	M8x1.00	20	25	35	52.1	32.1	9	67	69	22400	17900	6150	0.98

The dimension of the housings related to codes printed in bold letters are unified according to international standards.



**Flanged bearing support series F for shouldered shafts d 25-30-35-40 mm**



**see also...** Features: page 148

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Lubrication/maintenance: 149

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Mounting instructions: 151

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Calculation of load capacity and bearing life: 153

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Accessories: 144

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Chemical resistance: 160

## TECHNICAL INFORMATION

- **Complete sealed units.**
- **Resistance to corrosion:**
  - Polyamide version (PA): good resistance to many corrosive chemicals such as water, oils, greases, petrol, milk, wine, alcoholic beverages.
  - Polypropylene version (PP): excellent resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.
- **Load capacity:**
  - Polyamide version (PA): high load capacity.
  - Polypropylene version (PP): low capacity.
- **Continuous operating temperature:**
  - Polyamide version (PA): from -20°C to +90°C.
  - Polypropylene version (PP): from -20°C to +70°C.

Both versions maintain good dimensional stability at the maximum indicated temperature.
- **Economical operation.**  
Long life, maintenance free.
- **Concept and design to meet all safety requirements.**

## COMPONENTS

- 1 Housing in plastic material.
- 2 Radial ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple (available upon request) quick coupler to take semi-rigid hoses Ø 4 mm in Rilsan (see accessories on page 144).
- 4 Rotary shaft seal ring with extra dust-protection lip.
- 5 Spacers to reinforce bolt holes.
- 6 Washer UNI 6592.
- 7 Spacer.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

### PA VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- Bearing in steel.
- Grease-nipple in nickel plated brass.
- Seal in NBR-rubber.
- Spacers in nickel plated brass.
- Washers in stainless steel AISI 304 - DIN 1.4301.
- Spacer in polyamide.

### PP VERSION IN POLYPROPYLENE (PP) MATERIALS

- Reinforced polypropylene housing.
- Bearing in steel.
- Grease-nipple in stainless steel.
- Seal in VITON-rubber.
- Spacers in stainless steel AISI 304 - DIN 1.4301.
- Washers in stainless steel AISI 304 - DIN 1.4301.
- Spacer in polyamide.

## COLOUR

- Bearing support in black.
- For sufficient quantities parts can be produced in different colours.



series F



Shouldered shaft



Ø mm

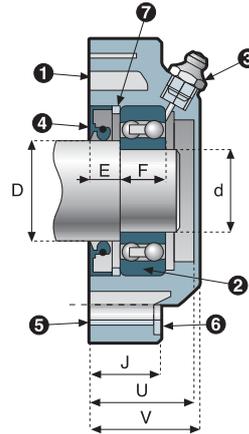
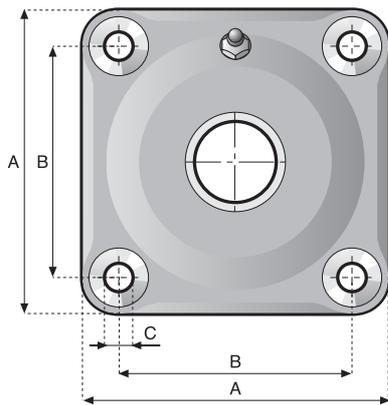


Polyamide

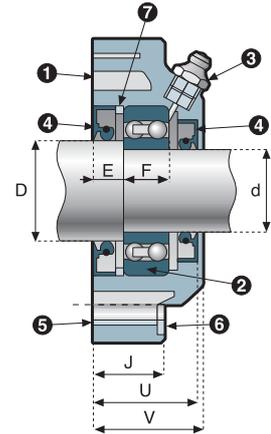


Polypropylene

# Series F



closed version



open version

Ø d mm	code version		dimensions (mm)									bearing load ratings		max. radial load capacity on plastic housing (N)	weight (Kg)
	closed	open	A	B	C	D	E	F	J	U	V	dynamic C (N)	static Co (N)		
<b>FLANGED BEARING FOR SHOULDERED SHAFTS VERSION IN POLYAMIDE - PA -</b>															
25	<b>51205A</b>	<b>56205A</b>	98	70	11	30	11	15	25	33	36	12000	4000	12900	0.40
25	51205	56205	110	83	11	30	10	15	25	37	39	12000	4000	13000	0.50
30	<b>51206</b>	<b>56206</b>	110	83	11	35	11	16	25	37	39	15500	5500	12000	0.56
35	51207	56207	110	83	11	40	10	17	25	37	39	15900	6500	11500	0.67
40	51208	56208	110	83	11	45	6	18	25	37	39	19000	8000	11500	0.76
<b>FLANGED BEARING FOR SHOULDERED SHAFTS VERSION IN POLYPROPYLENE - PP -</b>															
25	<b>61205A</b>	<b>66205A</b>	98	70	11	30	11	15	25	33	36	12000	4000	6000	0.40
25	61205	66205	110	83	11	30	10	15	25	37	39	12000	4000	6200	0.50
30	<b>61206</b>	<b>66206</b>	110	83	11	35	11	16	25	37	39	15500	5500	5600	0.56
35	61207	66207	110	83	11	40	10	17	25	37	39	15900	6500	5300	0.67
40	61208	66208	110	83	11	45	6	18	25	37	39	19000	8000	5000	0.76

The dimension of the housings related to codes printed in bold letters are unified according to international standards.



**Flange bearing with solid housings series UCFQ for plain shafts**  
**d 12-15-16-17-20-25-30-35-40 mm**



**see also...** Features: page 148

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Lubrication/maintenance: 149

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Mounting instructions: 151

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Calculation of load capacity and bearing life: 153

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Accessories: 144

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Chemical resistance: 160

## TECHNICAL INFORMATION

- **Resistance to corrosion.**
- **High load capacity.**
- **Good dimensional stability at the maximum indicated temperature**
- **Self-alignment:**  
Max misalignment between shaft and housing: 2,5°
- **Low maintenance and trouble-free operation.**
- **Easy Cleaning.**
- **Ball bearing pre-lubricated with long-life grease, which is ideal in applications within humid conditions, water, alkaline or acid solutions.**
- **Concept and design to meet all safety requirements.**
- **Interchangeable :**  
Interchangeable with standard cast iron flanged supports.
- **Application in the food, beverage and pharmaceutical industry.**

New line of flange bearings created through new technology which will help equipment builders meet the requirements of the USDA and other government agencies as they relate to the prevention of contamination of food products and the growth of bacteria.

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated, lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple.
- 4 Clip-on safety cap (accessory). Open version achievable by pressing in the shaft against the internal side of the cap.
- 5 Spacers to reinforce fixing holes.
- 6 Washer for grease-nipple.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

## VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel or stainless steel.
- Grease-nipple in nickel plated brass or stainless steel.
- Safety cap in polypropylene (accessory).
- Spacers in nickel plated brass.
- Washer in polyethylene.

## COLOUR

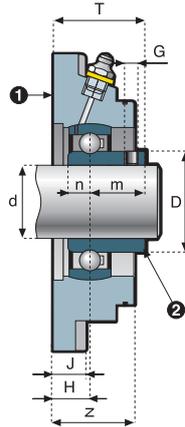
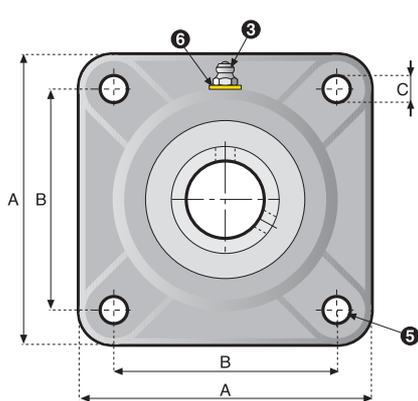
- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



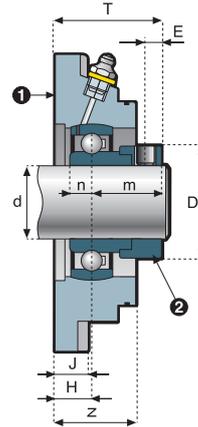
accessory



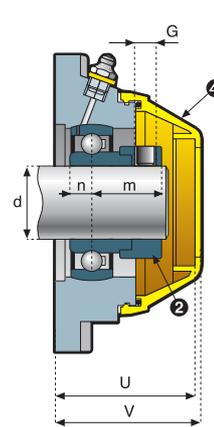
# Series UCFQ



version with grub screws



version with eccentric ring



cap with external fit

Ø d mm	Cap with External Fit		dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)		
	Support code	Safety cap code	A	B	C	D	E	G	H	J	Z	T	m	n	internal fit		external fit				dynamic C (N)	static Co (N)
															U	V	U	V				
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																						
12	<b>50201V-EC</b>	50008	76	54	11	24.2	5.3	M6x0.75	16.5	10	26	32.5	16	6	40.5	42.5	47	49	7300	4760	9000	0.18
15	<b>50202V-EC</b>	50008	76	54	11	24.2	5.3	M6x0.75	16.5	10	26	32.5	16	6	40.5	42.5	47	49	7300	4760	9000	0.18
16	<b>50016V-EC</b>	50008	76	54	11	24.2	5.3	M6x0.75	16.5	10	26	32.5	16	6	40.5	42.5	47	49	7300	4760	9000	0.18
17	<b>50203V-EC</b>	50008	76	54	11	24.2	5.3	M6x0.75	16.5	10	26	32.5	16	6	40.5	42.5	47	49	7300	4760	9000	0.18
20	<b>50204V-EC</b>	50007	86	63.5	11	28.5	5.4	M6x0.75	15.5	10	26	33.7	18.2	7	48	50	47.5	49.5	9850	6580	10000	0.22
25	<b>50205V-EC</b>	50011	95	70	11	34	5.4	M6x0.75	17	12.5	29	36.5	19.5	7.5	52	54	52.2	54.2	10800	7800	10800	0.32
30	<b>50206V-EC</b>	50001	108	82.5	11	40	5.9	M6x0.75	14.5	12.5	29	36.5	22	8	56	58	50.7	52.7	15000	11300	11500	0.48
35	<b>50207V-EC</b>	50004	118	92	14	46.7	7.4	M6x0.75	18	16	33	43.5	25.5	9.5	60	62	63.7	65.7	19700	15300	12000	0.63
40	<b>50208V-EC</b>	50002	130	101.5	14	52.7	8	M8x1.00	18	16	35	50.1	32.1	9	58	60	63.2	65.2	22400	17900	12500	0.80
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																						
12	<b>50201VB-EC</b>	50008	76	54	11	28.5	5	M6x0.75	16.5	10	26	38.5	22	6	40.5	42.5	47	49	7300	4760	9000	0.21
15	<b>50202VB-EC</b>	50008	76	54	11	28.5	5	M6x0.75	16.5	10	26	38.5	22	6	40.5	42.5	47	49	7300	4760	9000	0.21
16	<b>50016VB-EC</b>	50008	76	54	11	28.5	5	M6x0.75	16.5	10	26	38.5	22	6	40.5	42.5	47	49	7300	4760	9000	0.21
17	<b>50203VB-EC</b>	50008	76	54	11	28.5	5	M6x0.75	16.5	10	26	38.5	22	6	40.5	42.5	47	49	7300	4760	9000	0.21
20	<b>50204VB-EC</b>	50007	86	63.5	11	33.3	5	M6x0.75	15.5	10	26	39.1	23.6	7.5	48	50	47.5	49.5	9850	6580	10000	0.25
25	<b>50205VB-EC</b>	50011	95	70	11	38	5	M6x0.75	17	12.5	29	40.6	23.6	7.5	52	54	52.2	54.2	10800	7800	10800	0.37
30	<b>50206VB-EC</b>	50001	108	82.5	11	44.5	6.2	M8x1.00	14.5	12.5	29	41.4	26.9	9	56	58	50.7	52.7	15000	11300	11500	0.52
35	<b>50207VB-EC</b>	50004	118	92	14	55.6	7	M10x1.25	18	16	33	47.6	29.6	9.5	60	62	63.7	65.7	19700	15300	12000	0.69
40	<b>50208VB-EC</b>	50002	130	101.5	14	60.3	7	M10x1.25	18	16	35	52.6	34.6	9	58	60	63.2	65.2	22400	17900	12500	0.87
<b>STAINLESS STEEL BEARING (with grub screws)</b>																						
20	<b>50204V/SS-EC</b>	50007	86	63.5	11	28.5	5.4	M6x0.75	15.5	10	26	33.7	18.2	7.6	48	50	47.5	49.5	7300	4900	9000	0.22
25	<b>50205V/SS-EC</b>	50011	95	70	11	34	5.4	M6x0.75	17	12.5	29	36.8	19.8	7.6	52	54	52.2	54.2	8100	5800	10000	0.32
30	<b>50206V/SS-EC</b>	50001	108	82.5	11	40	5.9	M6x0.75	14.5	12.5	29	36.8	22.2	9	56	58	50.7	52.7	11250	8400	10800	0.48
35	<b>50207V/SS-EC</b>	50004	118	92	14	46.7	7.4	M6x0.75	18	16	33	43.4	25.4	9.6	60	62	63.7	65.7	14700	11400	11500	0.63
40	<b>50208V/SS-EC</b>	50002	130	101.5	14	52.7	8	M8x1.00	18	16	35	48.1	30.1	11	58	60	63.2	65.2	16800	13400	12500	0.80

The dimension of the housings related to codes printed in bold letters are unified according to international standards.

# Series UCFQ-R



**Flange bearing with solid housings series UCFQ-R for plain shafts**  
*d 12-15-16-17-20-25-30-35-40 mm*



see also... Features: page 148

Lubrication/maintenance: 149

Mounting instructions: 151

Calculation of load capacity and bearing life: 153

Accessories: 144

Chemical resistance: 160

## TECHNICAL INFORMATION

- **Complete sealed units.**
- **Resistance to corrosion.**
- **High load capacity**
- **Good dimensional stability at the maximum indicated temperature.**
- **Self-alignment:**  
Max.misalignment between shaft and housing: 2°.
- **Low maintenance and trouble-free operation.**
- **Easy cleaning.**
- **Ball bearing pre-lubricated with long-life grease, which is ideal in applications within humid conditions, water, alkaline or acid solutions.**
- **Concept and design to meet all safety requirements.**
- **Interchangeability:**  
Interchangeable with standard cast iron flanged supports.
- **Application in the food, beverage and pharmaceutical industry.**

New line of flange bearings created through new technology which will help equipment builders meet the requirements of the USDA and other government agencies as they relate to the prevention of contamination of food products and the growth of bacteria.

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple.
- 4 Clip-on safety cap (closed version).
- 5 Clip-on safety cap (open version).
- 6 Spacers to reinforce bolt holes.
- 7 Washer for grease-nipple.
- 8 Rotary shaft seal ring with extra dust-protection lip.
- 9 Heavy duty O-Ring.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

## COLOUR

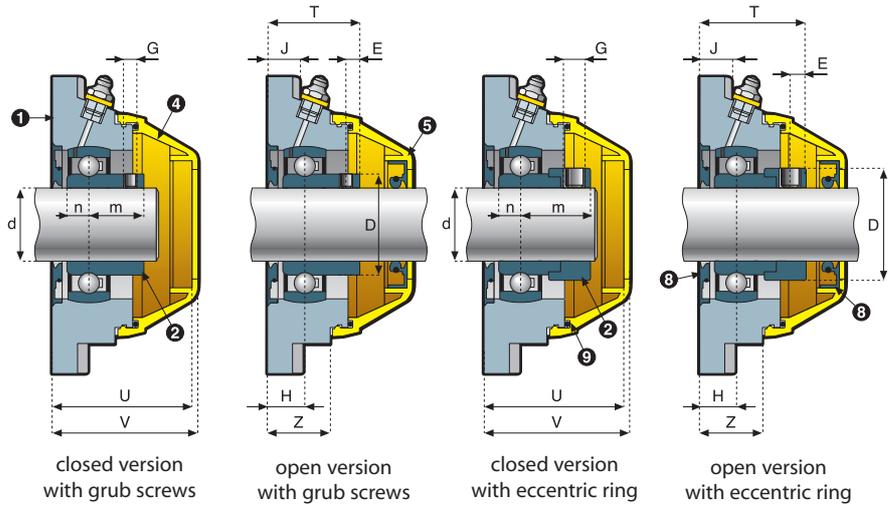
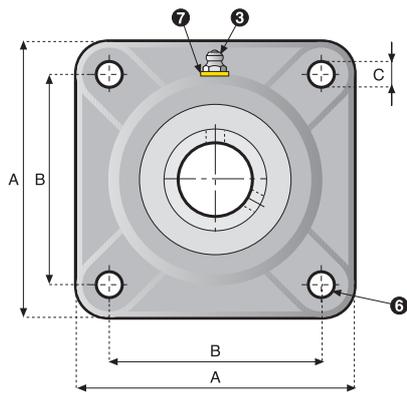
- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.

## VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel.
- Grease-nipple in nickel plated brass.
- Safety cap in polypropylene.
- Spacers in nickel plated brass.
- Seal and O-Ring in NBR-rubber.
- Washer in polyethylene.



# Series UCFQ-R



Ø d mm	cap with external fit		dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)
	closed	open	A	B	C	D	E	G	H	J	Z	T	m	n	U	V	dynamic C (N)	static Co (N)		
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																				
12	<b>50201VR-EC</b>	<b>55201VR-EC</b>	76	54	11	24.2	5.3	M6x0.75	16.5	10	26	32.5	16	6	47.0	49.0	7300	4760	9000	0.19
15	<b>50202VR-EC</b>	<b>55202VR-EC</b>	76	54	11	24.2	5.3	M6x0.75	16.5	10	26	32.5	16	6	47.0	49.0	7300	4760	9000	0.19
16	<b>50016VR-EC</b>	<b>55016VR-EC</b>	76	54	11	24.2	5.3	M6x0.75	16.5	10	26	32.5	16	6	47.0	49.0	7300	4760	9000	0.19
17	<b>50203VR-EC</b>	<b>55203VR-EC</b>	76	54	11	24.2	5.3	M6x0.75	16.5	10	26	32.5	16	6	47.0	49.0	7300	4760	9000	0.19
20	<b>50204VR-EC</b>	<b>55204VR-EC</b>	86	63.5	11	28.5	5.4	M6x0.75	15.5	10	26	33.7	18.2	7	47.5	49.5	9850	6580	10000	0.23
25	<b>50205VR-EC</b>	<b>55205VR-EC</b>	95	70	11	34	5.4	M6x0.75	17	12.5	29	36.5	19.5	7.5	52.2	54.2	10800	7800	10800	0.34
30	<b>50206VR-EC</b>	<b>55206VR-EC</b>	108	82.5	11	40	5.9	M6x0.75	14.5	12.5	29	36.5	22	8	50.7	52.7	15000	11300	11500	0.50
35	<b>50207VR-EC</b>	<b>55207VR-EC</b>	118	92	14	46.7	7.4	M6x0.75	18	16	33	43.5	25.5	9.5	63.7	65.7	19700	15300	12000	0.65
40	<b>50208VR-EC</b>	<b>55208VR-EC</b>	130	101.5	14	52.7	8	M8x1.00	18	16	35	50.1	32.1	9	63.2	65.2	22400	17900	12500	0.82
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																				
12	<b>50201VRB-EC</b>	<b>55201VRB-EC</b>	76	54	11	28.5	5	M6x0.75	16.5	10	26	38.5	22	6	47.0	49.0	7300	4760	9000	0.22
15	<b>50202VRB-EC</b>	<b>55202VRB-EC</b>	76	54	11	28.5	5	M6x0.75	16.5	10	26	38.5	22	6	47.0	49.0	7300	4760	9000	0.22
16	<b>50016VRB-EC</b>	<b>55016VRB-EC</b>	76	54	11	28.5	5	M6x0.75	16.5	10	26	38.5	22	6	47.0	49.0	7300	4760	9000	0.22
17	<b>50203VRB-EC</b>	<b>55203VRB-EC</b>	76	54	11	28.5	5	M6x0.75	16.5	10	26	38.5	22	6	47.0	49.0	7300	4760	9000	0.22
20	<b>50204VRB-EC</b>	<b>55204VRB-EC</b>	86	63.5	11	33.3	5	M6x0.75	15.5	10	26	39.1	23.6	7.5	47.5	49.5	9850	6580	10000	0.26
25	<b>50205VRB-EC</b>	<b>55205VRB-EC</b>	95	70	11	38	5	M6x0.75	17	12.5	29	40.6	23.6	7.5	52.2	54.2	10800	7800	10800	0.39
30	<b>50206VRB-EC</b>	<b>55206VRB-EC</b>	108	82.5	11	44.5	6.2	M8x1.00	14.5	12.5	29	41.4	26.9	9	50.7	52.7	15000	11300	11500	0.54
35	<b>50207VRB-EC</b>	<b>55207VRB-EC</b>	118	92	14	55.6	7	M10x1.25	18	16	33	47.6	29.6	9.5	63.7	65.7	19700	15300	12000	0.71
40	<b>50208VRB-EC</b>	<b>55208VRB-EC</b>	130	101.5	14	60.3	7	M10x1.25	18	16	35	52.6	34.6	9	63.2	65.2	22400	17900	12500	0.89

The dimension of the housings related to codes printed in bold letters are unified according to international standards.

# Series UCFQ-RL



**Flanged bearing with solid housings series UCFQ-RL for plain shafts d 30-40 mm**



- see also...** Features: page 148
- 
- Lubrication/maintenance: 149
- 
- Mounting instructions: 151
- 
- Calculation of load capacity and bearing life: 153
- 
- Accessories: 144
- 
- Chemical resistance: 160

## TECHNICAL INFORMATION

- **Complete sealed units.**
- **Resistance to corrosion.**
- **High load capacity.**
- **Good dimensional stability at the maximum indicated temperature.**
- **Self-alignment:**  
Max.misalignment between shaft and housing: 2.0°.
- **Low maintenance and trouble-free operation.**
- **Easy cleaning.**
- **Ball bearing pre-lubricated with long-life grease, which is ideal in applications within humid conditions, water, alkaline or acid solutions.**
- **Concept and design to meet all safety requirements.**
- **Interchangeability:**  
Interchangeable with standard cast iron flanged supports.
- **Application in the food, beverage and pharmaceutical industry.**
- **Maintenance free.**



**MAINTENANCE FREE**

New line of flanged bearings created through new technology which will help equipment builders meet the requirements of the USDA and other government agencies as they relate to the prevention of contamination of food products and the growth of bacteria.

## COMPONENTS

- 1 Housing in plastic material.
- 2 High quality maintenance free ball bearing.
- 3 Clip-on safety cap (closed version).
- 4 Clip-on safety cap (open version).
- 5 Spacers to reinforce bolt holes.
- 6 Rotary shaft seal ring with extra dust-protection lip.
- 7 Heavy duty O-Ring.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.



**VERSION IN POLYAMIDE (PA) MATERIALS**

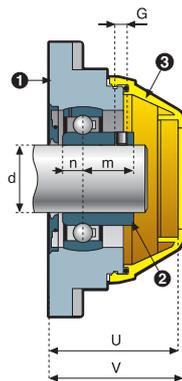
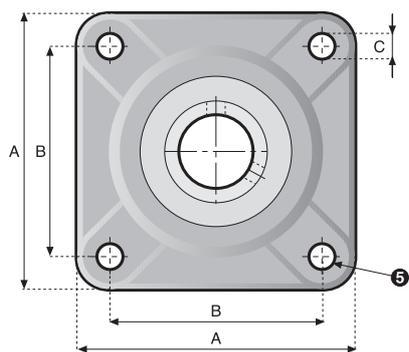
- Reinforced polyamide housing.
- High quality maintenance free ball bearing in chrome steel.
- Safety cap in polypropylene.
- Spacers in nickel plated brass.
- Seal and O-Ring in NBR-rubber.

## COLOUR

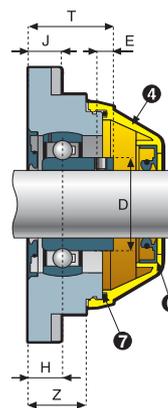
- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



# Series UCFQ-RL



closed version  
with grub screws  
cap with external fit



open version  
with grub screws  
cap with external fit

Ø d mm	cap with external fit		dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)
	closed	open	A	B	C	D	E	G	H	J	Z	T	m	n	U	V	dynamic C (N)	static Co (N)		
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																				
30	<b>50206VRL-EC</b>	<b>55206VRL-EC</b>	108	82.5	11	40	5.9	M6x0.75	14.5	12.5	29	36.5	22	8	50.7	52.7	15000	11300	11500	0.50
40	<b>50208VRL-EC</b>	<b>55208VRL-EC</b>	130	101.5	14	52.7	8	M8x1.00	18	16	35	50.1	32.1	9	63.2	65.2	22400	17900	12500	0.82

The dimension of the housings related to codes printed in bold letters are unified according to international standards.



**Flanged bearing support with stainless steel cover series US for plain shafts d 30-40 mm**



- see also...** Features: page 148
- 
- Lubrication/maintenance: 149
- 
- Mounting instructions: 151
- 
- Calculation of load capacity and bearing life: 153
- 
- Accessories: 144
- 
- Chemical resistance: 160

## TECHNICAL INFORMATION

- **Resistance to corrosion:**  
Excellent resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.
- **Load capacity:**  
High load capacity.
- **Continuous operating temperature:**  
From -20°C to +90°C.  
This version maintains good dimensional stability at the maximum indicated temperature.
- **Economical operation.**  
Long life, maintenance free.
- **Self-alignment:**  
Max. misalignment between shaft and housing: 0.5°
- **Concept and design to meet all safety requirements.**
- **Interchangeability:**  
Interchangeable with standard cast iron flanged supports.



accessory

## COMPONENTS

- 1 Internal housing in plastic material.
- 2 External housing in stainless steel.
- 3 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 4 Ball-type grease-nipple.
- 5 Clip-on safety cap (accessory).  
Open version achievable by pressing in the shaft against the internal side of the cap.
- 6 Washer for grease-nipple.
- 7 Heavy duty O-Ring.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

## MATERIAL

- Reinforced polypropylene internal housing.
- External housing in stainless steel AISI 304 - DIN 1.4301.
- High quality ball bearing in chrome steel.
- Grease-nipple in stainless steel.
- Safety cap in polypropylene.
- Washer in polyethylene.
- O-Ring in NBR-rubber.

## COLOUR

- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



series US



Plain Shaft



Ø mm

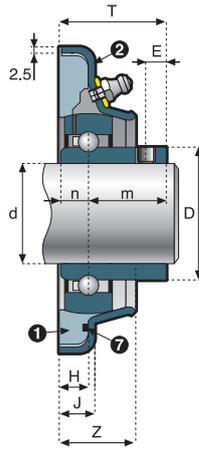
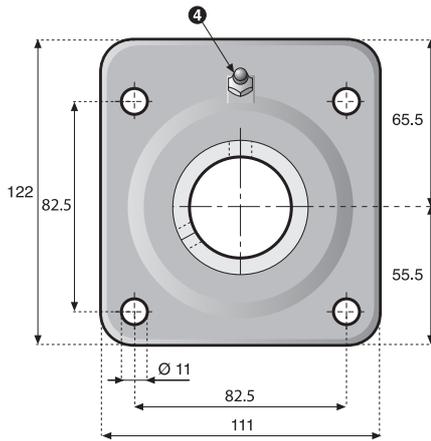


Polypropylene

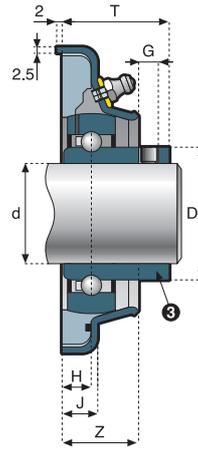


Stainless steel

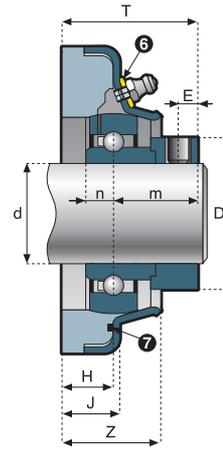
# Series US



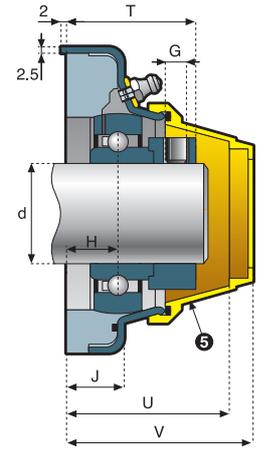
**UST**  
support  
without tongue  
version with  
grub screws



**USL**  
support  
with tongue  
version with  
grub screws



**USF**  
support  
without tongue  
version with  
eccentric ring



**USS**  
support  
with tongue  
version with  
eccentric ring

Ø d mm	type	code	safety cap code	dimensions (mm)											bearing load ratings	
				D	E	G	H	J	Z	T	m	n	U	V	dynamic C (N)	static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																
30	UST	51206T	50011	40	5.9	M6	12	14.5	27	34	22	8	42	52	15000	11300
30	USL	51206L	50011	40	5.9	M6	12	14.5	27	34	22	8	42	52	15000	11300
30	USF	51206F	50011	40	5.9	M6	20	22.5	35	42	22	8	50	60	15000	11300
30	USS	51206S	50011	40	5.9	M6	20	22.5	35	42	22	8	50	60	15000	11300
40	UST	51208T	50004	52.7	8	M8	12	14.5	30.6	44.1	32.1	9	55.5	64.5	22400	17900
40	USL	51208L	50004	52.7	8	M8	12	14.5	30.6	47	32.1	9	55.5	64.5	22400	17900
40	USF	51208F	50004	52.7	8	M8	20	22.5	38.6	52.1	32.1	9	63.5	72.5	22400	17900
40	USS	51208S	50004	52.7	8	M8	20	22.5	38.6	52.1	32.1	9	63.5	72.5	22400	17900
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																
30	UST-B	51206TB	50011	44.5	6.2	M8	12	14.5	27	38.9	26.9	9	42	52	15000	11300
30	USL-B	51206LB	50011	44.5	6.2	M8	12	14.5	27	38.9	26.9	9	42	52	15000	11300
30	USF-B	51206FB	50011	44.5	6.2	M8	20	22.5	35	46.9	26.9	9	50	60	15000	11300
30	USS-B	51206SB	50011	44.5	6.2	M8	20	22.5	35	46.9	26.9	9	50	60	15000	11300
40	UST-B	51208TB	50004	60.3	7	M10	12	14.5	30.6	49.6	34.6	9	55.5	64.5	22400	17900
40	USL-B	51208LB	50004	60.3	7	M10	12	14.5	30.6	49.6	34.6	9	55.5	64.5	22400	17900
40	USF-B	51208FB	50004	60.3	7	M10	20	22.5	38.6	54.6	34.6	9	63.5	72.5	22400	17900
40	USS-B	51208SB	50004	60.3	7	M10	20	22.5	38.6	54.6	34.6	9	63.5	72.5	22400	17900

# Series US-R



**Flanged bearing support with stainless steel cover watertight series US-R for plain shafts d 30-40 mm**



- see also...** Features: page 148
- 
- Lubrication/maintenance: 149
- 
- Mounting instructions: 151
- 
- Calculation of load capacity and bearing life: 153
- 
- Accessories: 144
- 
- Chemical resistance: 160

## TECHNICAL INFORMATION

- **Waterproof.**
- **Complete sealed units.**
- **Resistance to corrosion:**  
Excellent resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.
- **Load capacity:**  
High load capacity.
- **Continuous operating temperature:**  
From -20°C to +90°C.  
This version maintains good dimensional stability at the maximum indicated temperature.
- **Economical operation.**  
Long life, maintenance free.
- **Self-alignment:**  
Max. misalignment between shaft and housing: 0.5°
- **Concept and design to meet all safety requirements.**
- **Interchangeability:**  
Interchangeable with standard cast iron flanged supports.

## COMPONENTS

- 1 Internal housing in plastic material.
- 2 External housing in stainless steel.
- 3 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 4 Ball-type grease-nipple.
- 5 Clip-on safety cap (closed version).
- 6 Clip-on safety cap (open version).
- 7 Washer for grease-nipple
- 8 Rotary shaft seal ring with extra dust-protection lip.
- 9 Heavy duty O-Ring.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

## MATERIAL

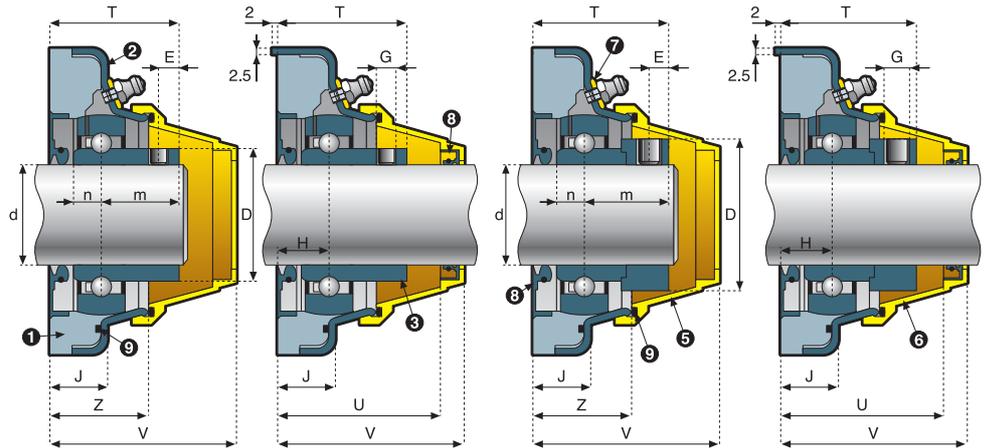
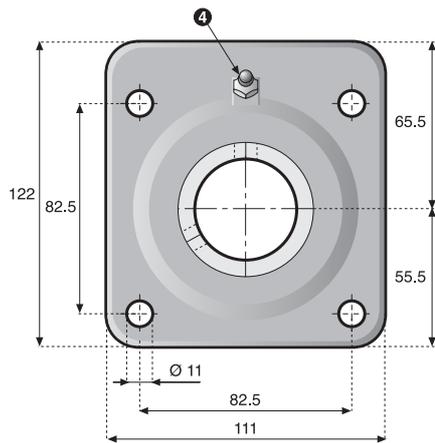
- Reinforced polypropylene internal housing.
- External housing in stainless steel AISI 304 - DIN 1.4301.
- High quality ball bearing in chrome steel.
- Grease-nipple in stainless steel.
- Safety cap in polypropylene.
- Washer in polyethylene.
- Seal and O-Ring in NBR-rubber

## COLOUR

- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



# Series US-R



**USFR**  
support  
without tongue  
version with  
grub screws

**USSR**  
support  
with tongue  
version with  
grub screws

**USFR-B**  
support  
without tongue  
version with  
eccentric ring

**USSR-B**  
support  
with tongue  
version with  
eccentric ring

Ø d mm	type	code version		dimensions (mm)											bearing load ratings		
		closed	open	D	E	G	H	J	Z	T	m	n	U	V	dynamic C (N)	static Co (N)	
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																	
30	USFR	51206FR	56206FR	40	5.9	M6	20	22.5	35	42	22	8	50	60	15000	11300	
30	USSR	51206SR	56206SR	40	5.9	M6	20	22.5	35	42	22	8	50	60	15000	11300	
40	USFR	51208FR	56208FR	52.7	8	M8	20	22.5	38.6	52.1	32.1	9	63.5	72.5	22400	17900	
40	USSR	51208SR	56208SR	52.7	8	M8	20	22.5	38.6	52.1	32.1	9	63.5	72.5	22400	17900	
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																	
30	USFR-B	51206FRB	56206FRB	44.5	6.2	M8	20	22.5	35	46.9	26.9	9	50	60	15000	11300	
30	USSR-B	51206SRB	56206SRB	44.5	6.2	M8	20	22.5	35	46.9	26.9	9	50	60	15000	11300	
40	USFR-B	51208FRB	56208FRB	60.3	7	M10	20	22.5	38.6	54.6	34.6	9	63.5	72.5	22400	17900	
40	USSR-B	51208SRB	56208SRB	60.3	7	M10	20	22.5	38.6	54.6	34.6	9	63.5	72.5	22400	17900	

## With cover in stainless steel polished surface



**Flanged bearing support  
with stainless steel cover  
series CS for  
plain shafts d 30-35-40 mm**



**see also...**

Features: page 148
Lubrication/maintenance: 149
Mounting instructions: 151
Calculation of load capacity and bearing life: 153
Accessories: 144
Chemical resistance: 160

### TECHNICAL INFORMATION

- **Total protection.**
- **Solid cross-section base housing.**
- **No core cavities to trap contaminants.**
- **Resistance to corrosion:** good resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.
- **Load capacity:** high load capacity.
- **Continuous operating temperature:**  
From -20°C to +80°C.  
This version maintains good dimensional stability at the maximum indicated temperature.
- **Economical operation.**  
Long life, maintenance free.
- **Self-alignment:**  
Max. misalignment between shaft and housing: 2.5°
- **Concept and design to meet all safety requirements.**
- **Interchangeability:**  
Interchangeable with standard cast iron flanged supports.

### COMPONENTS

- 1 Internal housing in plastic material.
- 2 External housing in stainless steel.
- 3 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 4 Ball-type grease-nipple.
- 5 Washer for grease-nipple.
- 6 Spacer to reinforce bolt holes.
- 7 Clip-on safety cap (accessory).  
Open version achievable by pressing in the shaft against the internal side of the cap.

### MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

### VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide internal housing.
- Cover in stainless steel AISI 304 - DIN 1.4301.
- High quality ball bearing in chrome steel.
- Grease-nipple in stainless steel.
- Washer for grease-nipple in polyethylene.
- Seal and O-Ring in NBR-rubber (viton for s/s bearing).
- Spacer in stainless steel.
- Safety cap in polypropylene.

### COLOUR

- Safety cap in yellow (accessory).
- Internal housing in black.
- External housing in polish stainless steel.



accessory



Series CS



Plain Shaft



Ø mm

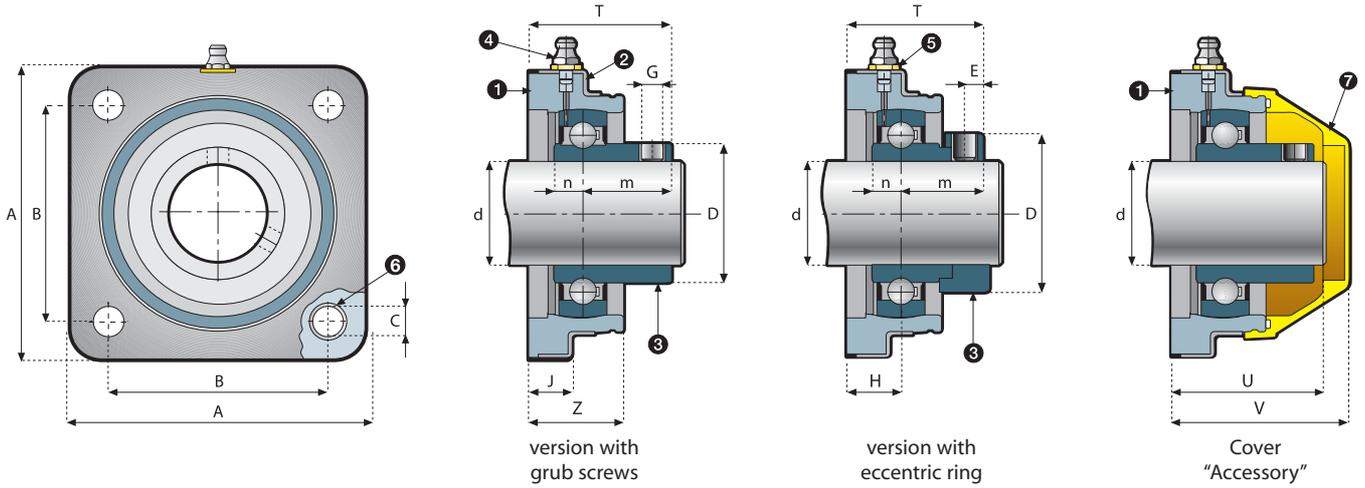


Polyamide



Stainless steel

# Series CS



Ø d mm	code version	safety cap code	dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)
			A	B	C	D	E	G	H	J	Z	T	m	n	U	V	dynamic C (N)	static Co (N)		
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																				
30	50206CS	50002	111	82.5	11	40	5.9	M6x0.75	21	16.5	35.5	43	22	8	55	66	15000	11300	13000	0.70
35	50207CS	50002	111	82.5	11	46.7	7.4	M6x0.75	19	16.5	35.5	44.5	25.5	9.5	55	66	19700	15300	12800	0.80
40	50208CS	50002	111	82.5	11	52.7	8	M8x1.00	18.25	16.5	35.5	50.35	32.1	9	55	66	22400	17900	12500	0.90
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																				
30	50206CSB	50002	111	82.5	11	44.5	6.2	M8x1.00	21	16.5	35.5	47.9	26.9	9	55	66	15000	11300	13000	0.80
35	50207CSB	50002	111	82.5	11	55.6	7	M10x1.25	19	16.5	35.5	48.6	29.6	9.5	55	66	19700	15300	12800	0.90
40	50208CSB	50002	111	82.5	11	60.3	7	M10x1.25	18.25	16.5	35.5	53.6	34.6	9	55	66	22400	17900	12500	1.00

## With cover in stainless steel polished surface



**Flanged bearing support with stainless steel cover series CS for plain shafts d 30-35-40 mm**



**see also...**

Features: page 148
Lubrication/maintenance: 149
Mounting instructions: 151
Calculation of load capacity and bearing life: 153
Accessories: 144
Chemical resistance: 160

### TECHNICAL INFORMATION

- **Waterproof.**
- **Total protection.**
- **Solid cross-section base housing.**
- **No core cavities to trap contaminants.**
- **Complete Sealed units.**
- **Resistance to corrosion:** good resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.
- **Load capacity:** high load capacity.
- **Continuous operating temperature:** From -20°C to + 80°C. This version maintains good dimensional stability at the maximum indicated temperature.
- **Economical operation.** Long life, maintenance free.
- **Self-alignment:** Max. misalignment between shaft and housing: 2.5°
- **Concept and design to meet all safety requirements.**
- **Interchangeability:** Interchangeable with standard cast iron flanged supports.

### COMPONENTS

- 1 Internal housing in plastic material.
- 2 External housing in stainless steel.
- 3 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 4 Ball-type grease-nipple.
- 5 Washer for grease-nipple
- 6 Rotary shaft seal ring with extra dust-protection lip.
- 7 Heavy duty O-Ring.
- 8 Spacer to reinforce bolt holes.
- 9 Clip-on safety cap (closed version).
- 10 Clip-on safety cap (open version).

### MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

### VERSION IN POLYAMIDE (PA) MATERIALS

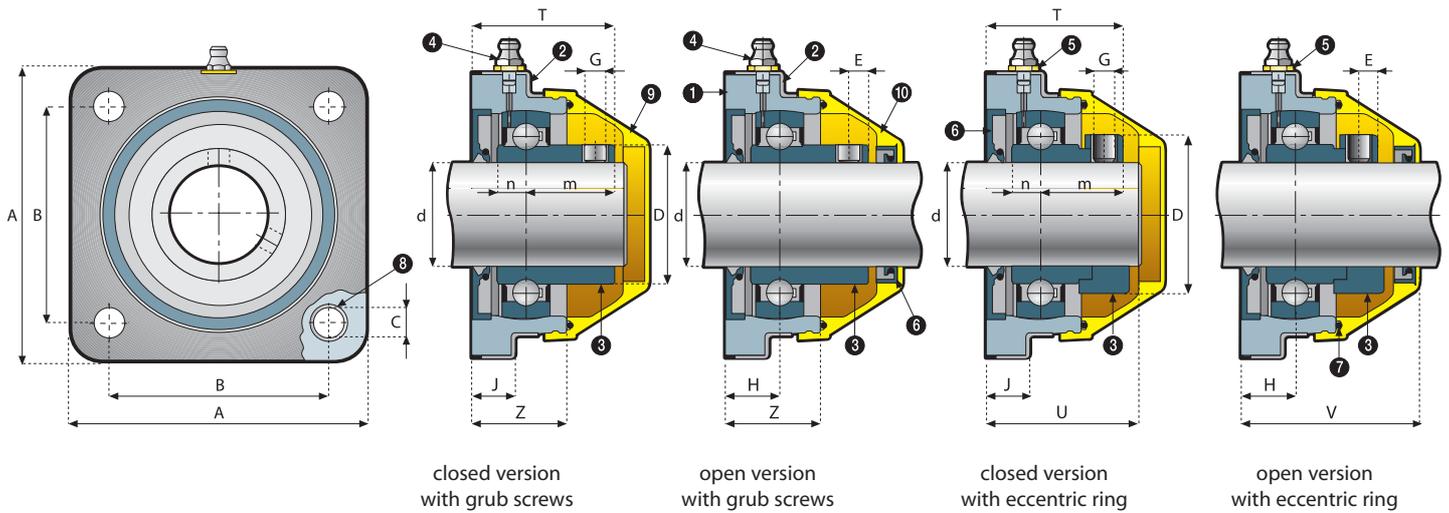
- Reinforced polyamide internal housing.
- Cover in stainless steel AISI 304 - DIN 1.4301.
- High quality ball bearing in chrome steel or stainless steel.
- Grease-nipple in stainless steel.
- Washer for grease-nipple in polyethylene.
- Seal and O-Ring in NBR-rubber (viton for s/s bearing).
- Spacer in stainless steel.
- Safety cap in polypropylene.

### COLOUR

- Safety cap in yellow (accessory).
- Internal housing in black.
- External housing in polish stainless steel.



# Series CS-R



Ø d mm	code version		dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)
	closed	open	A	B	C	D	E	G	H	J	Z	T	m	n	U	V	dynamic C (N)	static Co (N)		
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																				
30	50206CSR	55206CSR	111	82.5	11	40	5.9	M6x0.75	21	16.5	35.5	43	22	8	55	66	15000	11300	13000	0.70
35	50207CSR	55207CSR	111	82.5	11	46.7	7.4	M6x0.75	19	16.5	35.5	44.5	25.5	9.5	55	66	19700	15300	12800	0.80
40	50208CSR	55208CSR	111	82.5	11	52.7	8	M8x1.00	18.25	16.5	35.5	50.35	32.1	9	55	66	22400	17900	12500	0.90
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																				
30	50206CSBR	55206CSBR	111	82.5	11	44.5	6.2	M8x1.00	21	16.5	35.5	47.9	26.9	9	55	66	15000	11300	13000	0.80
35	50207CSBR	55207CSBR	111	82.5	11	55.6	7	M10x1.25	19	16.5	35.5	48.6	29.6	9.5	55	66	19700	15300	12800	0.90
40	50208CSBR	55208CSBR	111	82.5	11	60.3	7	M10x1.25	18.25	16.5	35.5	53.6	34.6	9	55	66	22400	17900	12500	1.00
<b>STAINLESS STEEL BEARING (with grub screws)</b>																				
30	50206CSRS	55206CSRS	111	82.5	11	40	5.9	M6x0.75	21	16.5	35.5	43	22	8	55	66	11250	8400	13000	0.70
35	50207CSRS	55207CSRS	111	82.5	11	46.7	7.4	M6x0.75	19	16.5	35.5	44.5	25.5	9.5	55	66	14700	11400	13000	0.90
40	50208CSRS	55208CSRS	111	82.5	11	52.7	8	M8x1.00	18.25	16.5	35.5	50.35	32.1	9	55	66	16800	13400	14000	1.00

## With cover in stainless steel polished surface



**Flanged bearing support with stainless steel cover series CS for plain shafts d 30-35-40 mm**



**see also...**

Features: page 148
Lubrication/maintenance: 149
Mounting instructions: 151
Calculation of load capacity and bearing life: 153
Accessories: 144
Chemical resistance: 160



### TECHNICAL INFORMATION

- **Waterproof.**
- **Total protection.**
- **Solid cross-section base housing.**
- **No core cavities to trap contaminants.**
- **Complete Sealed units.**
- **Resistance to corrosion:** good resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.
- **Load capacity:** high load capacity.
- **Continuous operating temperature:** From -20°C to + 80°C.  
This version maintains good dimensional stability at the maximum indicated temperature.
- **Economical operation.** Long life, maintenance free.
- **Self-alignment:** Max. misalignment between shaft and housing: 2.5°
- **Concept and design to meet all safety requirements.**
- **Interchangeability:** Interchangeable with standard cast iron flanged supports.

### COMPONENTS

- 1 Internal housing in plastic material.
- 2 External housing in stainless steel.
- 3 High quality maintenance free ball bearing.
- 4 Rotary shaft seal ring with extra dust-protection lip.
- 5 Heavy duty O-Ring.
- 6 Spacer to reinforce bolt holes.
- 7 Clip-on safety cap (closed version).
- 8 Clip-on safety cap (open version).
- 9 Cap end.

### MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

### VERSION IN POLYAMIDE (PA) MATERIALS

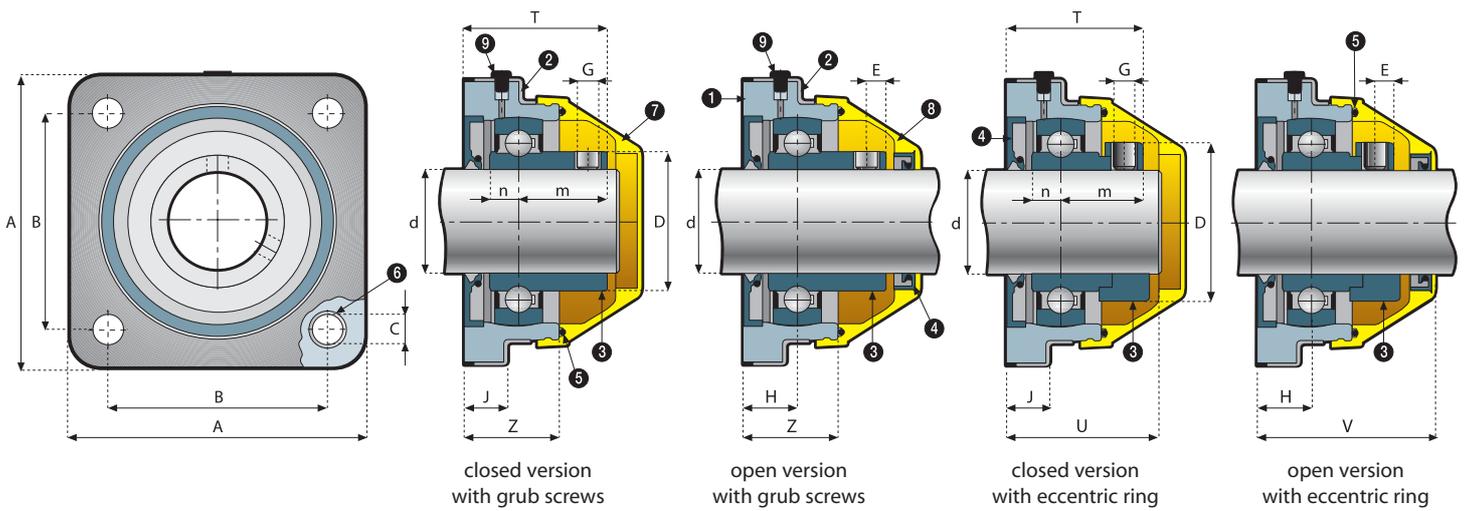
- Reinforced polyamide internal housing.
- Cover in stainless steel AISI 304 - DIN 1.4301.
- High quality ball bearing in chrome steel.
- Grease-nipple in stainless steel.
- Washer for grease-nipple in polyethylene.
- Seal and O-Ring in NBR-rubber (viton for s/s bearing).
- Spacer in stainless steel.
- Safety cap in polypropylene.

### COLOUR

- Safety cap in yellow (accessory).
- Internal housing in black.
- External housing in polish stainless steel.



# Series CS-RL



Ø d mm	code version		dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)
	closed	open	A	B	C	D	E	G	H	J	Z	T	m	n	U	V	dynamic C (N)	static Co (N)		
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																				
30	50206CSRL	55206CSRL	111	82.5	11	40	5.9	M6x0.75	21	16.5	35.5	43	22	8	55	66	15000	11300	13000	0.70
35	50207CSRL	55207CSRL	111	82.5	11	46.7	7.4	M6x0.75	19	16.5	35.5	44.5	25.5	9.5	55	66	19700	15300	12800	0.80
40	50208CSRL	55208CSRL	111	82.5	11	52.7	8	M8x1.00	18.25	16.5	35.5	50.35	32.1	9	55	66	22400	17900	12500	0.90
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																				
40	50208CSBRL	55208CSBRL	111	82.5	11	60.3	7	M10x1.25	18.25	16.5	35.5	53.6	34.6	9	55	66	22400	17900	12500	1.00

# Series UCFL



**Flanged bearing support series UCFL for plain shafts**  
d 20-25-30-35-40 mm



see also... Features: page 148

Lubrication/maintenance: 149
Mounting instructions: 151
Calculation of load capacity and bearing life: 153
Accessories: 144
Chemical resistance: 160

## TECHNICAL INFORMATION

- **Resistance to corrosion:**
  - Polyamide version (PA): good resistance to many corrosive chemicals such as water, oils, greases, petrol, milk, wine, alcoholic beverages.
  - Polypropylene version (PP): good resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.
- **Load capacity:**
  - Polyamide version (PA): high load capacity.
  - Polypropylene version (PP): low capacity.
- **Continuous operating temperature:**
  - Polyamide version (PA): from -20°C to +90°C.
  - Polypropylene version (PP): from -20°C to +70°C.

Both versions maintain good dimensional stability at the maximum indicated temperature.
- **Economical operation.**  
Long life, maintenance free.
- **Self-alignment:**  
Max. misalignment between shaft and housing: 2.5°.
- **Concept and design to meet all safety requirements.**
- **Interchangeability:**  
Interchangeable with standard cast iron flanged supports.



accessory

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple (available upon request) quick coupler to take semi-rigid hoses Ø 4 mm in Rilsan (see accessories on page 144).
- 4 Clip-on safety cap (accessory). Open version achievable by pressing in the shaft against the internal side of the cap.
- 5 Spacers to reinforce bolt holes.
- 6 Washer UNI 6592.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

### VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel or stainless steel.
- Grease-nipple in nickel plated brass or stainless steel.
- Safety cap in polypropylene (accessory).
- Spacers in nickel plated brass.
- Washers in stainless steel AISI 304 - DIN 1.4301.

### VERSION IN POLYPROPYLENE (PP) MATERIALS

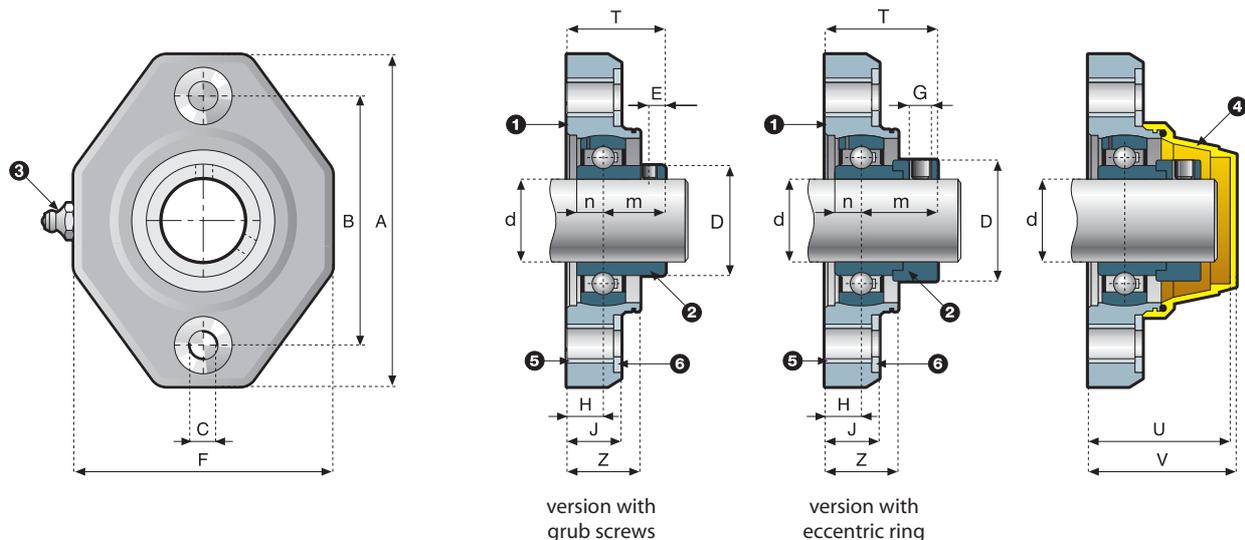
- Reinforced polypropylene housing.
- High quality ball bearing in stainless steel.
- Grease-nipple in stainless steel.
- Safety cap in polypropylene (accessory).
- Spacers in stainless steel AISI 304 - DIN 1.4301.
- Washers in stainless steel AISI 304 - DIN 1.4301.

## COLOUR

- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



# Series UCFL



Ø d mm	code version (PA)	safety cap code	dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)	
			A	B	C	D	E	F	G	H	J	Z	T	m	n	U	V	dynamic C (N)			static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																					
20	<b>50204L</b>	50003A	120	90	11	28.5	5.4	90	M6x0.75	15	19	25	33.2	18.2	7	52	54	9800	6500	7500	0.34
25	50205L	50003A	120	90	11	34	5.4	90	M6x0.75	15	19	25	34.5	19.5	7.5	52	54	10800	7800	7200	0.37
25	<b>50205LA</b>	50003A	130	99	11	34	5.4	90	M6x0.75	15	19	25	34.5	19.5	7.5	52	54	10800	7800	7600	0.46
30	50206L	50003A	120	90	11	40	5.9	90	M6x0.75	13	19	25	35	22	8	52	54	15000	11300	7000	0.45
30	50206LA	50003A	130	99	11	40	5.9	90	M6x0.75	13	19	25	35	22	8	52	54	15000	11300	7600	0.53
30	<b>50206K</b>	50002	146	117	11	40	5.9	98	M6x0.75	20	25	35	42	22	8	67	69	15000	11300	13000	0.56
35	50207K	50002	146	117	11	46.7	7.4	98	M6x0.75	19	25	35	44.5	25.5	9.5	67	69	19700	15300	12800	0.68
35	<b>50207D</b>	50002	159	130	14	46.7	7.4	105	M6x0.75	20	25	35	45.5	25.5	9.5	67	69	19700	15300	12900	0.70
40	50208K	50002	146	117	11	52.7	8	98	M8x1.00	19	25	35	51.1	32.1	9	67	69	22400	17900	12500	0.84
40	50208D	50002	159	130	14	52.7	8	105	M8x1.00	20	25	35	52.1	32.1	9	67	69	22400	17900	12700	0.87
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																					
20	<b>50204LB</b>	50003A	120	90	11	33.3	5	90	M6x0.75	15	19	25	38.6	23.6	7.5	52	54	9800	6500	7500	0.37
25	50205LB	50003A	120	90	11	38	5	90	M6x0.75	15	19	25	38.6	23.6	7.5	52	54	10800	7800	7200	0.42
25	<b>50205LAB</b>	50003A	130	99	11	38	5	90	M6x0.75	15	19	25	38.6	23.6	7.5	52	54	10800	7800	7600	0.48
30	50206LB	50003A	120	90	11	44.5	6.2	90	M8x1.00	13	19	25	39.9	26.9	9	52	54	15000	11300	7000	0.50
30	50206LAB	50003A	130	99	11	44.5	6.2	90	M8x1.00	13	19	25	39.9	26.9	9	52	54	15000	11300	7600	0.53
30	<b>50206KB</b>	50002	146	117	11	44.5	6.2	98	M8x1.00	20	25	35	46.9	26.9	9	67	69	15000	11300	13000	0.60
35	50207KB	50002	146	117	11	55.6	7	98	M10x1.25	19	25	35	48.6	29.6	9.5	67	69	19700	15300	12800	0.76
35	<b>50207DB</b>	50002	159	130	14	55.6	7	105	M10x1.25	20	25	35	49.6	29.6	9.5	67	69	19700	15300	12900	0.79
40	50208KB	50002	146	117	11	60.3	7	98	M10x1.25	19	25	35	53.6	34.6	9	67	69	22400	17900	12500	0.93
40	50208DB	50002	159	130	14	60.3	7	105	M10x1.25	20	25	35	54.6	34.6	9	67	69	22400	17900	12700	0.99

Ø d mm	code version		safety cap code	dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing		weight (Kg)	
	PA	PP		A	B	C	D	E	F	G	H	J	Z	T	m	n	U	V	dynamic C (N)	static Co (N)	PA (N)		PP (N)
<b>STAINLESS STEEL BEARING (with grub screws)</b>																							
20	<b>50204L/SS</b>	<b>60204L</b>	50003A	120	90	11	28.5	5.4	90	M6x0.75	15	19	25	33.2	18.2	7.6	52	54	7300	4900	7500	3500	0.34
25	50205L/SS	60205L	50003A	120	90	11	34	5.4	90	M6x0.75	15	19	25	34.8	19.8	7.6	52	54	8100	5800	7200	3000	0.37
25	<b>50205LA/SS</b>	<b>60205LA</b>	50003A	130	99	11	34	5.4	90	M6x0.75	15	19	25	34.8	19.8	7.6	52	54	8100	5800	7600	3600	0.46
30	50206L/SS	60206L	50003A	120	90	11	40	5.9	90	M6x0.75	13	19	25	35.2	22.2	9	52	54	11250	8400	7000	3000	0.45
30	50206LA/SS	60206LA	50003A	130	99	11	40	5.9	90	M6x0.75	13	19	25	35.2	22.2	9	52	54	11250	8400	7600	3600	0.53
30	<b>50206K/SS</b>	<b>60206K</b>	50002	146	117	11	40	5.9	98	M6x0.75	20	25	35	42.2	22.2	9	67	69	11250	8400	13000	6000	0.56
35	50207K/SS	60207K	50002	146	117	11	46.7	7.4	98	M6x0.75	19	25	35	44.4	25.4	9.6	67	69	14700	11400	12800	6000	0.68
35	<b>50207D/SS</b>	<b>60207D</b>	50002	159	130	14	46.7	7.4	105	M6x0.75	20	25	35	45.4	25.4	9.6	67	69	14700	11400	12900	6100	0.70
40	50208K/SS	60208K	50002	146	117	11	52.7	8	98	M8x1.00	19	25	35	49.1	30.1	11	67	69	16850	13400	12500	5800	0.84
40	50208D/SS	60208D	50002	159	130	14	52.7	8	105	M8x1.00	20	25	35	50.1	30.1	11	67	69	16850	13400	12700	5900	0.87

The dimension of the housings related to codes printed in bold letters are unified according to international standards.

# Series UCFL-W



**Flanged bearing support series UCFL-W for plain shafts**  
d 20-25-30-35-40 mm



**see also...** Features: page 148

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Lubrication/maintenance: 149

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Mounting instructions: 151

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Calculation of load capacity and bearing life: 153

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Accessories: 144

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Chemical resistance: 160

## TECHNICAL INFORMATION

- **Complete sealed units.**
- **Resistance to corrosion:**
  - Polyamide version (PA): good resistance to many corrosive chemicals such as water, oils, greases, petrol, milk, wine, alcoholic beverages.
  - Polypropylene version (PP): excellent resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.
- **Load capacity:**
  - Polyamide version (PA): high load capacity.
  - Polypropylene version (PP): low capacity.
- **Continuous operating temperature:**
  - Polyamide version (PA): from -20°C to +90°C.
  - Polypropylene version (PP): from -20°C to +70°C.

Both versions maintain good dimensional stability at the maximum indicated temperature.
- **Economical operation.**  
Long life, maintenance free.
- **Self-alignment:**  
Max. misalignment between shaft and housing: 2°.
- **Concept and design to meet all safety requirements.**
- **Interchangeability:**  
Interchangeable with standard cast iron flanged supports.

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple (available upon request) quick coupler to take semi-rigid hoses Ø 4 mm in Rilsan (see accessories on page 144).
- 4 Clip-on safety cap (closed version).
- 5 Clip-on safety cap (open version).
- 6 Washer UNI 6592.
- 7 Spacers to reinforce bolt holes.
- 8 Rotary shaft seal ring with extra dust-protection lip.
- 9 Heavy duty O-Ring.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

### VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel.
- Grease-nipple in nickel plated brass.
- Safety cap in polypropylene.
- Washers in stainless steel AISI 304 - DIN 1.4301.
- Spacers in nickel plated brass.
- Seal and O-Ring in NBR-rubber.

### VERSION IN POLYPROPYLENE (PP) MATERIALS

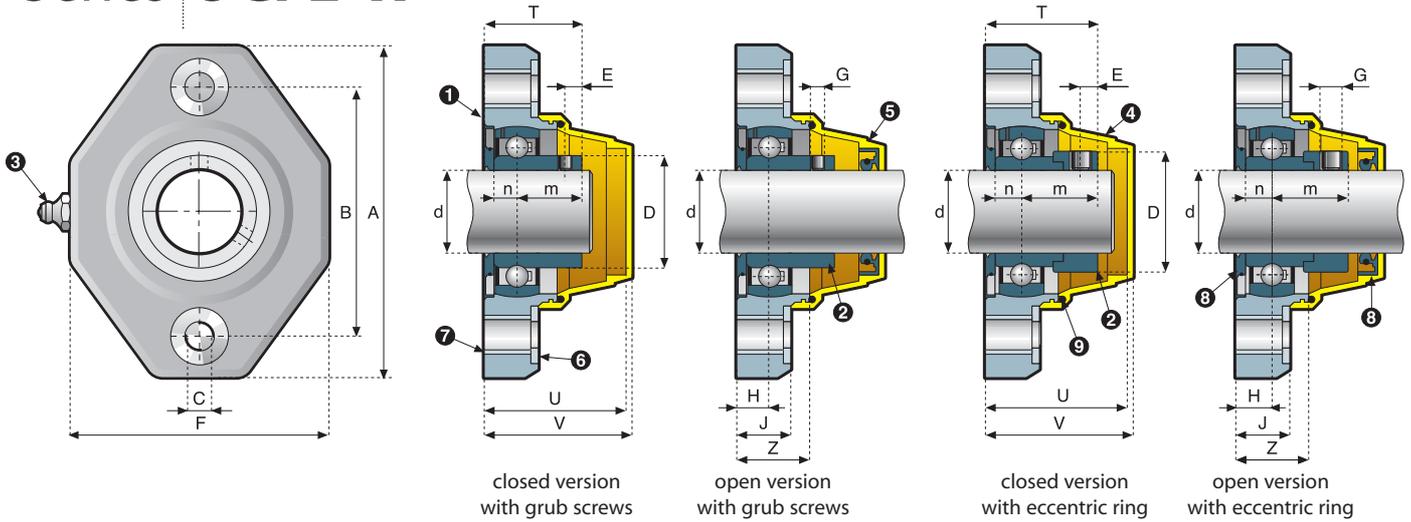
- Reinforced polypropylene housing.
- High quality ball bearing in chrome steel.
- Grease-nipple in stainless steel.
- Safety cap in polypropylene.
- Washers in stainless steel AISI 304 - DIN 1.4301.
- Spacers in stainless steel AISI 304 - DIN 1.4301.
- Seal and O-Ring in VITON-rubber.

## COLOUR

- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



# Series UCFL-W



Ø d mm	code version		dimensions (mm)													bearing load ratings		max. radial load capacity on plastic housing (N)	weight (Kg)		
	closed	open	A	B	C	D	E	F	G	H	J	Z	T	m	n	U	V			dynamic C (N)	static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS VERSION IN POLYAMIDE - PA -</b>																					
20	<b>50204W</b>	<b>55204W</b>	120	90	11	28.5	5.4	90	M6x0.75	15	19	25	33.2	18.2	7	52	54	9800	6500	7500	0.31
25	50205W	55205W	120	90	11	34	5.4	90	M6x0.75	15	19	25	34.5	19.5	7.5	52	54	10800	7800	7200	0.33
25	<b>50205AW</b>	<b>55205AW</b>	130	99	11	34	5.4	90	M6x0.75	15	19	25	34.5	19.5	7.5	52	54	10800	7800	7600	0.51
30	50206W	55206W	120	90	11	40	5.9	90	M6x0.75	13	19	25	35	22	8	52	54	15000	11300	7000	0.40
30	50206AW	55206AW	130	99	11	40	5.9	90	M6x0.75	13	19	25	35	22	8	52	54	15000	11300	7600	0.63
30	<b>50206X</b>	<b>55206X</b>	146	117	11	40	5.9	98	M6x0.75	20	25	35	42	22	8	67	69	15000	11300	13000	0.58
35	50207X	55207X	146	117	11	46.7	7.4	98	M6x0.75	19	25	35	44.5	25.5	9.5	67	69	19700	15300	12800	0.72
35	<b>50207M</b>	<b>55207M</b>	159	130	14	46.7	7.4	105	M6x0.75	20	25	35	45.5	25.5	9.5	67	69	19700	15300	12900	0.75
40	50208X	55208X	146	117	11	52.7	8	98	M8x1.00	19	25	35	51.1	32.1	9	67	69	22400	17900	12500	0.87
40	50208M	55208M	159	130	14	52.7	8	105	M8x1.00	20	25	35	52.1	32.1	9	67	69	22400	17900	12700	0.92
<b>SHAFT LOCKING WITH ECCENTRIC RING VERSION IN POLYAMIDE - PA -</b>																					
20	<b>50204WB</b>	<b>55204WB</b>	120	90	11	33.3	5	90	M6x0.75	15	19	25	38.6	23.6	7.5	52	54	9800	6500	7500	0.34
25	50205WB	55205WB	120	90	11	38	5	90	M6x0.75	15	19	25	38.6	23.6	7.5	52	54	10800	7800	7200	0.37
25	<b>50205AWB</b>	<b>55205AWB</b>	130	99	11	38	5	90	M6x0.75	15	19	25	38.6	23.6	7.5	52	54	10800	7800	7600	0.51
30	50206WB	55206WB	120	90	11	44.5	6.2	90	M8x1.00	13	19	25	32.9	26.9	9	52	54	15000	7800	7000	0.44
30	50206AWB	55206AWB	130	99	11	44.5	6.2	90	M8x1.00	13	19	25	32.9	26.9	9	52	54	15000	11300	7600	0.63
30	<b>50206XB</b>	<b>55206XB</b>	146	117	11	44.5	6.2	98	M8x1.00	20	25	35	46.9	26.9	9	67	69	15000	11300	13000	0.65
35	50207XB	55207XB	146	117	11	55.6	7	98	M10x1.25	19	25	35	48.6	29.6	9.5	67	69	19700	15300	12800	0.78
35	<b>50207MB</b>	<b>55207MB</b>	159	130	14	55.6	7	105	M10x1.25	20	25	35	49.6	29.6	9.5	67	69	19700	15300	12900	0.83
40	50208XB	55208XB	146	117	11	60.3	7	98	M10x1.25	19	25	35	53.6	34.6	9	67	69	22400	17900	12500	0.98
40	50208MB	55208MB	159	130	14	60.3	7	105	M10x1.25	20	25	35	54.6	34.6	9	67	69	22400	17900	12700	1.05
<b>SHAFT LOCKING WITH GRUB SCREWS VERSION IN POLYPROPYLENE - PP -</b>																					
20	<b>60204W</b>	<b>65204W</b>	120	90	11	28.5	5.4	90	M6x0.75	15	19	25	33.2	18.2	7	52	54	9800	6500	3500	0.31
25	60205W	65205W	120	90	11	34	5.4	90	M6x0.75	15	19	25	34.5	19.5	7.5	52	54	10800	7800	3000	0.33
25	<b>60205AW</b>	<b>65205AW</b>	130	99	11	34	5.4	90	M6x0.75	15	19	25	34.5	19.5	7.5	52	54	10800	7800	3600	0.51
30	60206W	65206W	120	90	11	40	5.9	90	M6x0.75	13	19	25	35	22	8	52	54	15000	11300	3000	0.40
30	60206AW	65206AW	130	99	11	40	5.9	90	M6x0.75	13	19	25	35	22	8	52	54	15000	11300	3600	0.63
30	<b>60206X</b>	<b>65206X</b>	146	117	11	40	5.9	98	M6x0.75	20	25	35	42	22	8	67	69	15000	11300	6000	0.58
35	60207X	65207X	146	117	11	46.7	7.4	98	M6x0.75	19	25	35	44.5	25.5	9.5	67	69	19700	15300	6000	0.72
35	<b>60207M</b>	<b>65207M</b>	159	130	14	46.7	7.4	105	M6x0.75	20	25	35	45.5	25.5	9.5	67	69	19700	15300	6000	0.75
40	60208X	65208X	146	117	11	52.7	8	98	M8x1.00	19	25	35	51.1	32.1	9	67	69	22400	17900	5800	0.87
40	60208M	65208M	159	130	14	52.7	8	105	M8x1.00	20	25	35	52.1	32.1	9	67	69	22400	17900	5900	0.92
<b>SHAFT LOCKING WITH ECCENTRIC RING VERSION IN POLYPROPYLENE - PP -</b>																					
20	<b>60204WB</b>	<b>65204WB</b>	120	90	11	33.3	5	90	M6x0.75	15	19	25	38.6	23.6	7.5	52	54	9800	6500	3500	0.34
25	60205WB	65205WB	120	90	11	38	5	90	M6x0.75	15	19	25	38.6	23.6	7.5	52	54	10800	7800	3000	0.37
25	<b>60205AWB</b>	<b>65205AWB</b>	130	99	11	38	5	90	M6x0.75	15	19	25	38.6	23.6	7.5	52	54	10800	7800	3600	0.51
30	60206WB	65206WB	120	90	11	44.5	6.2	90	M8x1.00	13	19	25	39.9	26.9	9	52	54	15000	11300	3000	0.44
30	60206AWB	65206AWB	130	99	11	44.5	6.2	90	M8x1.00	13	19	25	39.9	26.9	9	52	54	15000	11300	3600	0.63
30	<b>60206XB</b>	<b>65206XB</b>	146	117	11	44.5	6.2	98	M8x1.00	20	25	35	46.9	26.9	9	67	69	15000	11300	6000	0.65
35	60207XB	65207XB	146	117	11	55.6	7	98	M10x1.25	19	25	35	48.6	29.6	9.5	67	69	19700	15300	6000	0.78
35	<b>60207MB</b>	<b>65207MB</b>	159	130	14	55.6	7	105	M10x1.25	20	25	35	49.6	29.6	9.5	67	69	19700	15300	6000	0.83
40	60208XB	65208XB	146	117	11	60.3	7	98	M10x1.25	19	25	35	53.6	34.6	9	67	69	22400	17900	5800	0.98
40	60208MB	65208MB	159	130	14	60.3	7	105	M10x1.25	20	25	35	54.6	34.6	9	67	69	22400	17900	5900	1.05

The dimension of the housings related to codes printed in bold letters are unified according to international standards.



**Flanged bearing support series UFL for plain shafts**  
d 12-15-16-17-20 mm



see also... Features: page 148

Lubrication/maintenance: 149

Mounting instructions: 151

Calculation of load capacity and bearing life: 153

Accessories: 144

Chemical resistance: 160

## TECHNICAL INFORMATION

### ● Resistance to corrosion:

- Polyamide version (PA): good resistance to many corrosive chemicals such as water, oils, greases, petrol, milk, wine, alcoholic beverages.
- Polypropylene version (PP): good resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.

### ● Load capacity:

- Polyamide version (PA): high load capacity.
- Polypropylene version (PP): low capacity.

### ● Continuous operating temperature:

- Polyamide version (PA): from -20°C to +90°C.
  - Polypropylene version (PP): from -20°C to +70°C.
- Both versions maintain good dimensional stability at the maximum indicated temperature.

### ● Economical operation.

Long life, maintenance free.

### ● Self-alignment:

Max. misalignment between shaft and housing: 2.5°.

### ● Concept and design to meet all safety requirements.

### ● Interchangeability:

Interchangeable with standard cast iron flanged supports.



accessory

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple.
- 4 Clip-on safety cap (accessory). Open version achievable by pressing in the shaft against the internal side of the cap.
- 5 Spacers to reinforce bolt holes.
- 6 Washer UNI 6592.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

### PA VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel or stainless steel.
- Grease-nipple in nickel plated brass or stainless steel.
- Safety cap in polypropylene (accessory).
- Spacers in nickel plated brass.
- Washers in stainless steel AISI 304 - DIN 1.4301.

### PP VERSION IN POLYPROPYLENE (PP) MATERIALS

- Reinforced polypropylene housing.
- High quality ball bearing in stainless steel
- Grease-nipple in stainless steel.
- Safety cap in polypropylene (accessory).
- Spacers in stainless steel AISI 304 - DIN 1.4031.
- Washers in stainless steel AISI 304 - DIN 1.4031.

## COLOUR

- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



series UFL



Plain Shaft



Ø mm

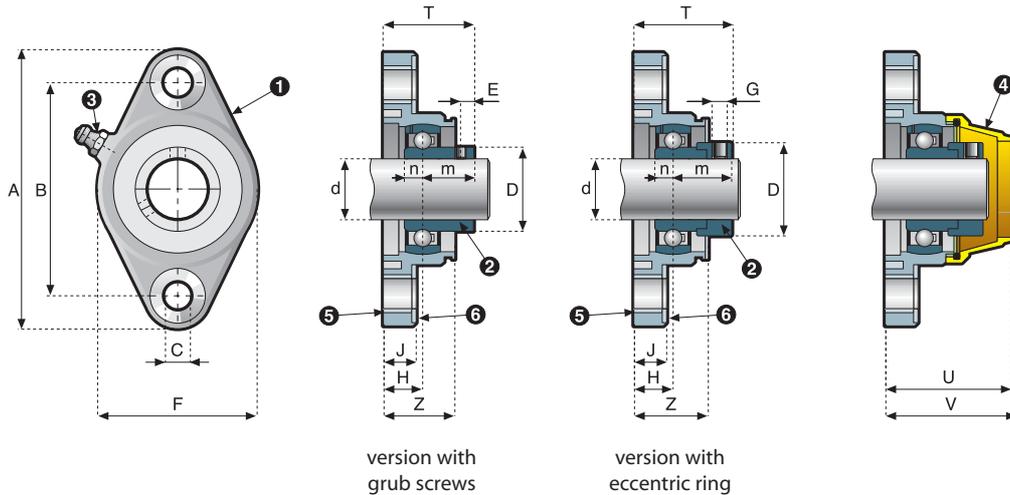


Polyamide



Polypropylene

# Series UFL



version with grub screws

version with eccentric ring

Ø d mm	code version (PA)	safety cap code	dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)	
			A	B	C	D	E	F	G	H	J	Z	T	m	n	U	V	dynamic C (N)			static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																					
12	<b>54201</b>	50008	100	76.5	11	24.2	5.3	56	M6x0.75	17.5	12	26	33.5	16	6	47	49	7300	4760	6500	0.25
15	<b>54202</b>	50008	100	76.5	11	24.2	5.3	56	M6x0.75	17.5	12	26	33.5	16	6	47	49	7300	4760	6500	0.25
16	<b>54016</b>	50008	100	76.5	11	24.2	5.3	56	M6x0.75	17.5	12	26	33.5	16	6	47	49	7300	4760	6500	0.25
17	<b>54203</b>	50008	100	76.5	11	24.2	5.3	56	M6x0.75	17.5	12	26	33.5	16	6	47	49	7300	4760	6500	0.25
20	54204	50008	100	76.5	11	28.5	5.4	56	M6x0.75	15.5	12	26	33.7	18.2	7	47	49	9850	6580	6200	0.30
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																					
12	<b>54201B</b>	50008	100	76.5	11	25.8	5	56	M6x0.75	17.5	12	26	39.5	22	6	47	49	7300	4760	6500	0.28
15	<b>54202B</b>	50008	100	76.5	11	28.5	5	56	M6x0.75	17.5	12	26	39.5	22	6	47	49	7300	4760	6500	0.28
16	<b>54016B</b>	50008	100	76.5	11	28.5	5	56	M6x0.75	17.5	12	26	39.5	22	6	47	49	7300	4760	6500	0.28
17	<b>54203B</b>	50008	100	76.5	11	28.5	5	56	M6x0.75	17.5	12	26	39.5	22	6	47	49	7300	4760	6500	0.28
20	54204B	50008	100	76.5	11	33.3	5	56	M6x0.75	15.5	12	26	39.1	23.6	7.5	47	49	9850	6580	6200	0.35

Ø d mm	code version		safety cap code	dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing		weight (Kg)	
	PA	PP		A	B	C	D	E	F	G	H	J	Z	T	m	n	U	V	dynamic C (N)	static Co (N)	PA (N)		PP (N)
<b>STAINLESS STEEL BEARING (with grub screws)</b>																							
20	54204/SS	64204/SS	50008	100	76.5	11	28.5	5.4	56	M6x0.75	15.5	12	26	33.7	18.2	7.6	47	49	7300	4900	6200	3000	0.30

The dimension of the housings related to codes printed in bold letters are unified according to international standards.

# Series UFL-Z



**Flanged bearing support series UFL-Z for plain shafts**  
d 12-15-16-17-20 mm



**see also...** Features: page 148

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Lubrication/maintenance: 149

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Mounting instructions: 151

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Calculation of load capacity and bearing life: 153

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Accessories: 144

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Chemical resistance: 160

## TECHNICAL INFORMATION

- **Complete sealed units.**
- **Resistance to corrosion:**
  - Polyamide version (PA): good resistance to many corrosive chemicals such as water, oils, greases, petrol, milk, wine, alcoholic beverages.
  - Polypropylene version (PP): excellent resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.
- **Load capacity:**
  - Polyamide version (PA): high load capacity.
  - Polypropylene version (PP): low capacity.
- **Continuous operating temperature:**
  - Polyamide version (PA): from -20°C to +90°C.
  - Polypropylene version (PP): from -20°C to +70°C.

Both versions maintain good dimensional stability at the maximum indicated temperature.
- **Economical operation.**  
Long life, maintenance free.
- **Self-alignment:**  
Max. misalignment between shaft and housing: 2°.
- **Concept and design to meet all safety requirements.**
- **Interchangeability:**  
Interchangeable with standard cast iron flanged supports.

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple.
- 4 Clip-on safety cap (closed version).
- 5 Clip-on safety cap (open version).
- 6 Washer UNI 6592.
- 7 Spacers to reinforce bolt holes.
- 8 Rotary shaft seal ring with extra dust-protection lip.
- 9 Heavy duty O-Ring.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

### PA VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel.
- Grease-nipple in nickel plated brass.
- Safety cap in polypropylene.
- Washers in stainless steel AISI 304 - DIN 1.4301.
- Spacers in nickel plated brass.
- Seal and O-Ring in NBR-rubber.

### PP VERSION IN POLYPROPYLENE (PP) MATERIALS

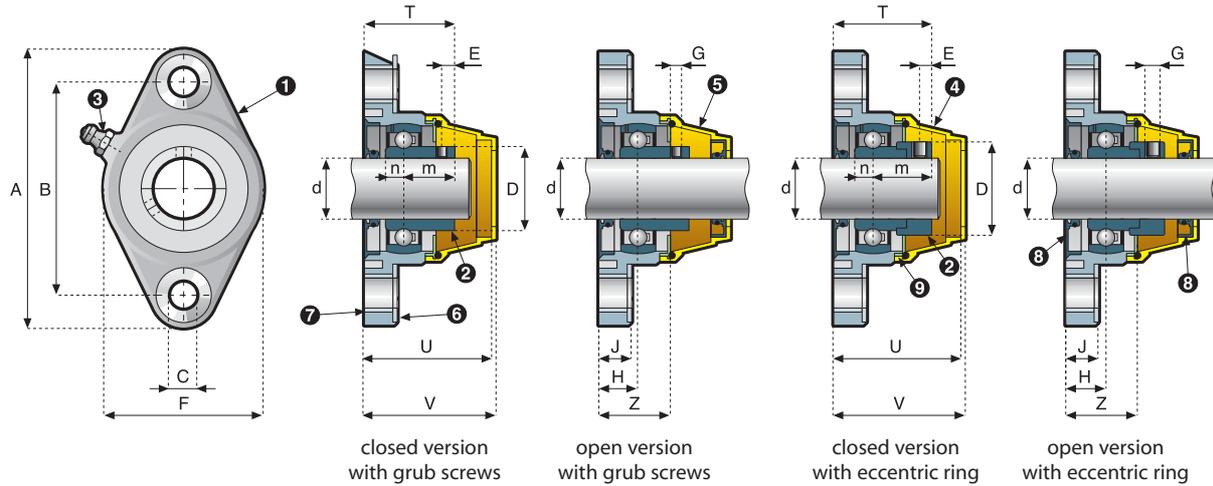
- Reinforced polypropylene housing.
- High quality ball bearing in chrome steel.
- Grease-nipple in stainless steel.
- Safety cap in polypropylene.
- Washers in stainless steel AISI 304 - DIN 1.4301.
- Spacers in stainless steel AISI 304 - DIN 1.4301.
- Seal and O-Ring in VITON-rubber.

## COLOUR

- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



# Series UFL-Z



Ø d mm	code version		dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)	
	closed	open	A	B	C	D	E	F	G	H	J	Z	T	m	n	U	V	dynamic C (N)			static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS VERSION IN POLYAMIDE - PA -</b>																					
12	<b>54201Z</b>	<b>59201Z</b>	100	76.5	11	24.2	5.3	56	M6x0.75	17.5	12	26	33.5	16	6	47	49	7300	4760	6500	0.25
15	<b>54202Z</b>	<b>59202Z</b>	100	76.5	11	24.2	5.3	56	M6x0.75	17.5	12	26	33.5	16	6	47	49	7300	4760	6500	0.25
16	<b>54016Z</b>	<b>59016Z</b>	100	76.5	11	24.2	5.3	56	M6x0.75	17.5	12	26	33.5	16	6	47	49	7300	4760	6500	0.25
17	<b>54203Z</b>	<b>59203Z</b>	100	76.5	11	24.2	5.3	56	M6x0.75	17.5	12	26	33.5	16	6	47	49	7300	4760	6500	0.25
20	54204Z	59204Z	100	76.5	11	28.5	5.4	56	M6x0.75	15.5	12	26	33.7	18.2	7	47	49	9850	6580	6200	0.30

<b>SHAFT LOCKING WITH ECCENTRIC RING VERSION IN POLYAMIDE - PA -</b>																					
12	<b>54201ZB</b>	<b>59201ZB</b>	100	76.5	11	28.5	5	56	M6x0.75	17.5	12	26	39.5	22	6	47	49	7300	4760	6500	0.28
15	<b>54202ZB</b>	<b>59202ZB</b>	100	76.5	11	28.5	5	56	M6x0.75	17.5	12	26	39.5	22	6	47	49	7300	4760	6500	0.28
16	<b>54016ZB</b>	<b>59016ZB</b>	100	76.5	11	28.5	5	56	M6x0.75	17.5	12	26	39.5	22	6	47	49	7300	4760	6500	0.28
17	<b>54203ZB</b>	<b>59203ZB</b>	100	76.5	11	28.5	5	56	M6x0.75	17.5	12	26	39.5	22	6	47	49	7300	4760	6500	0.28
20	54204ZB	59204ZB	100	76.5	11	33.3	5	56	M6x0.75	15.5	12	26	39.1	23.6	7.5	47	49	9850	6580	6200	0.35

Ø d mm	code version		dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PP (N)	weight (Kg)	
	closed	open	A	B	C	D	E	F	G	H	J	Z	T	m	n	U	V	dynamic C (N)			static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS VERSION IN POLYPROPYLENE - PP -</b>																					
12	<b>64201Z</b>	<b>69201Z</b>	100	76.5	11	24.2	5.3	56	M6x0.75	17.5	12	26	33.5	16	6	47	49	7300	4760	3100	0.25
15	<b>64202Z</b>	<b>69202Z</b>	100	76.5	11	24.2	5.3	56	M6x0.75	17.5	12	26	33.5	16	6	47	49	7300	4760	3100	0.25
16	<b>64016Z</b>	<b>69016Z</b>	100	76.5	11	24.2	5.3	56	M6x0.75	17.5	12	26	33.5	16	6	47	49	7300	4760	3100	0.25
17	<b>64203Z</b>	<b>69203Z</b>	100	76.5	11	24.2	5.3	56	M6x0.75	17.5	12	26	33.5	16	6	47	49	7300	4760	3100	0.25
20	64204Z	69204Z	100	76.5	11	28.5	5.4	56	M6x0.75	15.5	12	26	33.7	18.2	7	47	49	9850	6580	3000	0.30

<b>SHAFT LOCKING WITH ECCENTRIC RING VERSION IN POLYPROPYLENE - PP -</b>																					
12	<b>64201ZB</b>	<b>69201ZB</b>	100	76.5	11	28.5	5	56	M6x0.75	17.5	12	26	39.5	22	6	47	49	7300	4760	3100	0.28
15	<b>64202ZB</b>	<b>69202ZB</b>	100	76.5	11	28.5	5	56	M6x0.75	17.5	12	26	39.5	22	6	47	49	7300	4760	3100	0.28
16	<b>64016ZB</b>	<b>69016ZB</b>	100	76.5	11	28.5	5	56	M6x0.75	17.5	12	26	39.5	22	6	47	49	7300	4760	3100	0.28
17	<b>64203ZB</b>	<b>69203ZB</b>	100	76.5	11	28.5	5	56	M6x0.75	17.5	12	26	39.5	22	6	47	49	7300	4760	3100	0.28
20	64204ZB	69204ZB	100	76.5	11	33.3	5	56	M6x0.75	15.5	12	26	39.1	23.6	7.5	47	49	9850	6580	3000	0.35

The dimension of the housings related to codes printed in bold letters are unified according to international standards.

# Series UCFH



**Flange bearing with solid housings series UCFH for plain shafts**  
**d 12-15-16-17-20-25-30-35-40 mm**



**see also...** Features: page 148

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Lubrication/maintenance: 149

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Mounting instructions: 151

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Calculation of load capacity and bearing life: 153

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Accessories: 144

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Chemical resistance: 160

## TECHNICAL INFORMATION

- **Resistance to corrosion.**
- **High load capacity.**
- **Good dimensional stability at the maximum indicated temperature**
- **Self-alignment:**  
Max misalignment between shaft and housing: 2,5°
- **Low maintenance and trouble-free operation.**
- **Easy Cleaning.**
- **Ball bearing pre-lubricated with long-life grease, which is ideal in applications within humid conditions, water, alkaline or acid solutions.**
- **Concept and design to meet all safety requirements.**
- **Interchangeable :**  
Interchangeable with standard cast iron flanged supports.
- **Application in the food, beverage and pharmaceutical industry.**

**New line of flange bearings created through new technology which will help equipment builders meet the requirements of the USDA and other government agencies as they relate to the prevention of contamination of food products and the growth of bacteria.**

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple.
- 4 Clip-on safety cap (accessory). Open version achievable by pressing in the shaft against the internal side of the cap.
- 5 Spacers to reinforce bolt holes.
- 6 Washer for grease-nipple.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

## VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel or stainless steel.
- Grease-nipple in nickel plated brass or stainless steel.
- Safety cap in polypropylene (accessory).
- Spacers in nickel plated brass.
- Washer in polyethylene.

## COLOUR

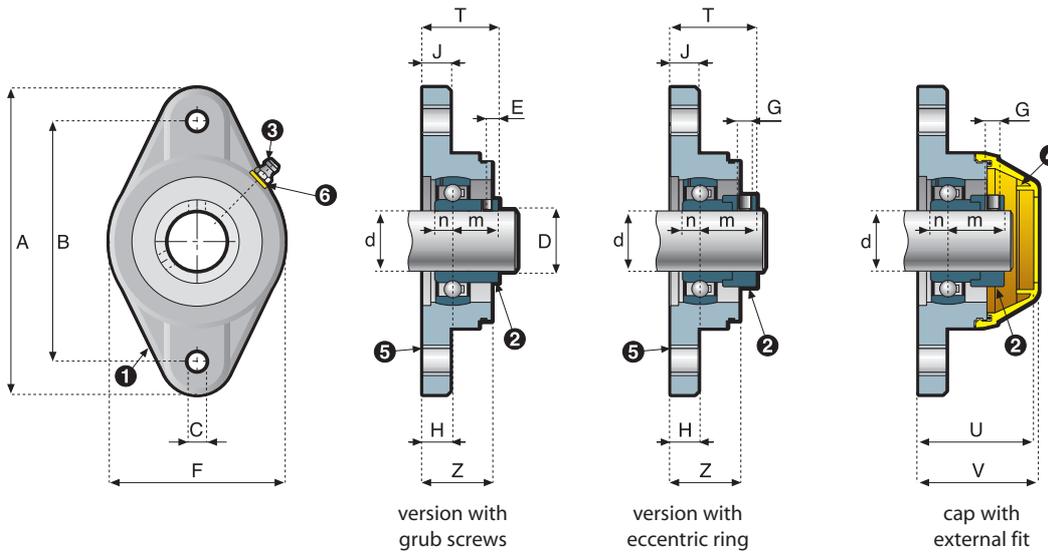
- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



accessory



# Series UCFH



Ø d mm	Cap with External Fit		dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)			
	Support code	Safety cap code	A	B	C	D	E	F	G	H	J	Z	T	m	n	internal fit		external fit			dynamic C (N)	static Co (N)	
																U	V	U					V
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																							
12	<b>54201N-EC</b>	50008	99	76.5	11	24.2	5.3	56	M6x0.75	16.5	10	26	32.5	16	6	40	42	46.5	48.5	7300	4760	6500	0.18
15	<b>54202N-EC</b>	50008	99	76.5	11	24.2	5.3	56	M6x0.75	16.5	10	26	32.5	16	6	40	42	46.5	48.5	7300	4760	6500	0.18
16	<b>54016N-EC</b>	50008	99	76.5	11	24.2	5.3	56	M6x0.75	16.5	10	26	32.5	16	6	40	42	46.5	48.5	7300	4760	6500	0.18
17	<b>54203N-EC</b>	50008	99	76.5	11	24.2	5.3	56	M6x0.75	16.5	10	26	32.5	16.8	6	40	42	46.5	48.5	7300	4760	6500	0.18
20	<b>54204N-EC</b>	50007	114	90	11	28.5	5.4	64	M6x0.75	15.5	10	26	33.7	18.2	7	48	50	47.5	49.5	9850	6580	7500	0.20
25	<b>54205N-EC</b>	50011	130	99	11	34	5.4	70	M6x0.75	17	12.5	29	36.5	19.5	7.5	52	54	52.2	54.2	10800	7800	8000	0.30
30	<b>54206N-EC</b>	50001	148	117	11	40	5.9	84	M6x0.75	14.5	12.5	29	36.5	22	8	56	58	50.7	52.7	15000	11300	8800	0.45
35	<b>54207N-EC</b>	50004	163	130	14	46.7	7.4	90	M6x0.75	18	16	33	43.5	25.5	9.5	60	62	63.7	65.7	19700	15300	9000	0.60
40	<b>54208N-EC</b>	50002	175	144	14	52.7	8	100	M8x1.00	18	20	35	50.1	32.1	9	58	60	63.2	65.2	22400	17900	12500	0.80
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																							
12	<b>54201NB-EC</b>	50008	99	76.5	11	28.5	5	56	M6x0.75	16.5	10	26	38.5	22	6	40	42	46.5	48.5	7300	4760	6500	0.20
15	<b>54202NB-EC</b>	50008	99	76.5	11	28.5	5	56	M6x0.75	16.5	10	26	38.5	22	6	40	42	46.5	48.5	7300	4760	6500	0.20
16	<b>54016NB-EC</b>	50008	99	76.5	11	28.5	5	56	M6x0.75	16.5	10	26	38.5	22	6	40	42	46.5	48.5	7300	4760	6500	0.20
17	<b>54203NB-EC</b>	50008	99	76.5	11	28.5	5	56	M6x0.75	16.5	10	26	38.5	22	6	40	42	46.5	48.5	7300	4760	6500	0.20
20	<b>54204NB-EC</b>	50007	114	90	11	33.3	5	64	M6x0.75	15.5	10	26	39.1	23.6	7.5	48	50	47.5	49.5	9850	6580	7500	0.23
25	<b>54205NB-EC</b>	50011	130	99	11	38	5	70	M6x0.75	17	12.5	29	40.6	23.6	7.5	52	54	52.2	54.2	10800	7800	8000	0.33
30	<b>54206NB-EC</b>	50001	148	117	11	44.5	6.2	84	M8x1.00	14.5	12.5	29	41.4	26.9	9	56	58	50.7	52.7	15000	11300	8800	0.49
35	<b>54207NB-EC</b>	50004	163	130	14	55.6	7	90	M10x1.25	18	16	33	47.6	29.6	9.5	60	62	63.7	65.7	19700	15300	9000	0.66
40	<b>54208NB-EC</b>	50002	175	144	14	60.3	7	100	M10x1.25	18	20	35	52.6	34.6	9	58	60	63.2	65.2	22400	17900	12500	0.87
<b>STAINLESS STEEL BEARING (with grub screws)</b>																							
20	<b>54204N/SS-EC</b>	50007	114	90	11	28.5	5.4	64	M6x0.75	15.5	10	26	33.7	18.2	7.6	48	50	47.5	49.5	7300	4900	7500	0.20
25	<b>54205N/SS-EC</b>	50011	130	99	11	34	5.4	70	M6x0.75	17	12.5	29	36.8	19.8	7.6	52	54	52.2	54.2	8100	5800	8000	0.30
30	<b>54206N/SS-EC</b>	50001	148	117	11	40	5.9	84	M6x0.75	14.5	12.5	29	36.8	22.2	9	56	58	50.7	52.7	11250	8400	8800	0.45
35	<b>54207N/SS-EC</b>	50004	163	130	14	46.7	7.4	90	M6x0.75	18	16	33	43.4	25.4	9.6	60	62	63.7	65.7	14700	11400	9000	0.60
40	<b>54208N/SS-EC</b>	50002	175	144	14	52.7	8	100	M8x1.00	18	20	35	48.1	30.1	11	58	60	63.2	65.2	16800	13400	12500	0.80

The dimension of the housings related to codes printed in bold letters are unified according to international standards.

# Series UCFH-R



**Flange bearing with solid housings series UCFH-R for plain shafts**  
**d 12-15-16-17-20-25-30-35-40 mm**



see also... Features: page 148

Lubrication/maintenance: 149

Mounting instructions: 151

Calculation of load capacity and bearing life: 153

Accessories: 144

Chemical resistance: 160

## TECHNICAL INFORMATION

- **Complete sealed units.**
- **Resistance to corrosion.**
- **High load capacity.**
- **Good dimensional stability at the maximum indicated temperature.**
- **Self-alignment:**  
Max.misalignment between shaft and housing: 2°.
- **Low maintenance and trouble-free operation.**
- **Easy cleaning.**
- **Ball bearing pre-lubricated with long-life grease, which is ideal in applications within humid conditions, water, alkaline or acid solutions.**
- **Concept and design to meet all safety requirements.**
- **Interchangeability:**  
Interchangeable with standard cast iron flanged supports.
- **Application in the food, beverage and pharmaceutical industry.**

New line of flange bearings created through new technology which will help equipment builders meet the requirements of the USDA and other government agencies as they relate to the prevention of contamination of food products and the growth of bacteria.

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple.
- 4 Clip-on safety cap (closed version).
- 5 Clip-on safety cap (open version).
- 6 Spacers to reinforce bolt holes.
- 7 Washer for grease-nipple.
- 8 Rotary shaft seal ring with extra dust-protection lip.
- 9 Heavy duty O-Ring.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

## COLOUR

- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.

## VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel.
- Grease-nipple in nickel plated brass.
- Safety cap in polypropylene.
- Spacers in nickel plated brass.
- Seal and O-Ring in NBR-rubber.
- Washer in polyethylene.



series UCFH-R



Plain Shaft



Ø mm

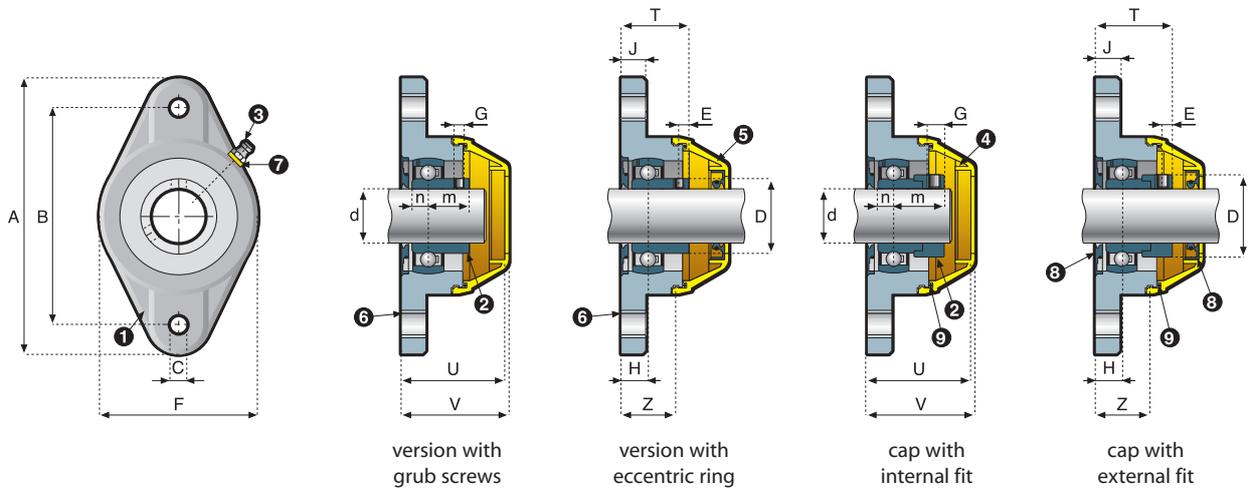


Waterproof



Polyamide

# Series UCFH-R



Ø d mm	cap with external fit		dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)	
	closed	open	A	B	C	D	E	F	G	H	J	Z	T	m	n	U	V	dynamic C (N)			static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																					
12	<b>54201NR-EC</b>	<b>59201NR-EC</b>	99	76.5	11	24.2	5.3	56	M6x0.75	16.5	10	26	32.5	16	6	46.5	48.5	7300	4760	6500	0.19
15	<b>54202NR-EC</b>	<b>59202NR-EC</b>	99	76.5	11	24.2	5.3	56	M6x0.75	16.5	10	26	32.5	16	6	46.5	48.5	7300	4760	6500	0.19
16	<b>54016NR-EC</b>	<b>59016NR-EC</b>	99	76.5	11	24.2	5.3	56	M6x0.75	16.5	10	26	32.5	16	6	46.5	48.5	7300	4760	6500	0.19
17	<b>54203NR-EC</b>	<b>59203NR-EC</b>	99	76.5	11	24.2	5.3	56	M6x0.75	16.5	10	26	32.5	16	6	46.5	48.5	7300	4760	6500	0.19
20	<b>54204NR-EC</b>	<b>59204NR-EC</b>	114	90	11	28.5	5.4	64	M6x0.75	15.5	10	26	33.7	18.2	7	47.5	49.5	9850	6580	7500	0.21
25	<b>54205NR-EC</b>	<b>59205NR-EC</b>	130	99	11	34	5.4	70	M6x0.75	17	12.5	29	36.5	19.5	7.5	52.2	54.2	10800	7800	8000	0.32
30	<b>54206NR-EC</b>	<b>59206NR-EC</b>	148	117	11	40	5.9	84	M6x0.75	14.5	12.5	29	36.5	22	8	50.7	52.7	15000	11300	8800	0.45
35	<b>54207NR-EC</b>	<b>59207NR-EC</b>	163	130	14	46.7	7.4	90	M6x0.75	18	16	33	43.5	25.5	9.5	63.7	65.7	19700	15300	9000	0.60
40	<b>54208NR-EC</b>	<b>59208NR-EC</b>	175	144	14	52.7	8	100	M8x1.00	18	20	35	50.1	32.1	9	63.2	65.2	22400	17900	12500	0.80
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																					
12	<b>54201NRB-EC</b>	<b>59201NRB-EC</b>	99	76.5	11	28.5	5	56	M6x0.75	16.5	10	26	38.5	22	6	46.5	48.5	7300	4760	6500	0.24
15	<b>54202NRB-EC</b>	<b>59202NRB-EC</b>	99	76.5	11	28.5	5	56	M6x0.75	16.5	10	26	38.5	22	6	46.5	48.5	7300	4760	6500	0.24
16	<b>54016NRB-EC</b>	<b>59016NRB-EC</b>	99	76.5	11	28.5	5	56	M6x0.75	16.5	10	26	38.5	22	6	46.5	48.5	7300	4760	6500	0.24
17	<b>54203NRB-EC</b>	<b>59203NRB-EC</b>	99	76.5	11	28.5	5	56	M6x0.75	16.5	10	26	38.5	22	6	46.5	48.5	7300	4760	6500	0.24
20	<b>54204NRB-EC</b>	<b>59204NRB-EC</b>	114	90	11	33.3	5	64	M6x0.75	15.5	10	26	39.1	23.6	7.5	47.5	49.5	9850	6580	7500	0.28
25	<b>54205NRB-EC</b>	<b>59205NRB-EC</b>	130	99	11	38	5	70	M6x0.75	17	12.5	29	40.6	23.6	7.5	52.2	54.2	10800	7800	8000	0.37
30	<b>54206NRB-EC</b>	<b>59206NRB-EC</b>	148	117	11	44.5	6.2	84	M8x1.00	14.5	12.5	29	41.4	26.9	9	50.7	52.7	15000	11300	8800	0.50
35	<b>54207NRB-EC</b>	<b>59207NRB-EC</b>	163	130	14	55.6	7	90	M10x1.25	18	16	33	47.6	29.6	9.5	63.7	65.7	19700	15300	9000	0.68
40	<b>54208NRB-EC</b>	<b>59208NRB-EC</b>	175	144	14	60.3	7	100	M10x1.25	18	20	35	52.6	34.6	9	63.2	65.2	22400	17900	12500	0.80

The dimension of the housings related to codes printed in bold letters are unified according to international standards.

# Series UCFH-RL

## COMPONENTS

- 1 Housing in plastic material.
- 2 High quality maintenance free ball bearing.
- 3 Clip-on safety cap (closed version).
- 4 Clip-on safety cap (open version).
- 5 Spacers to reinforce bolt holes.
- 6 Rotary shaft seal ring with extra dust-protection lip.
- 7 Heavy duty O-Ring.



## TECHNICAL INFORMATION

- **Complete sealed units.**
- **Resistance to corrosion.**
- **High load capacity.**
- **Good dimensional stability at the maximum indicated temperature.**
- **Self-alignment:**  
Max.misalignment between shaft and housing: 2.0°.
- **Low maintenance and trouble-free operation.**
- **Easy cleaning.**
- **Ball bearing pre-lubricated with long-life grease, which is ideal in applications within humid conditions, water, alkaline or acid solutions.**
- **Concept and design to meet all safety requirements.**
- **Interchangeability:**  
Interchangeable with standard cast iron flanged supports.
- **Application in the food, beverage and pharmaceutical industry.**
- **Maintenance free.**

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

## VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality maintenance free ball bearing in chrome steel.
- Safety cap in polypropylene.
- Spacers in nickel plated brass.
- Seal and O-Ring in NBR-rubber.

## COLOUR

- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



**Flanged bearing with solid housings series UCFH-RL for plain shafts d 30 - 40 mm**



see also... Features: page 148

Lubrication/maintenance: 149

Mounting instructions: 151

Calculation of load capacity and bearing life: 153

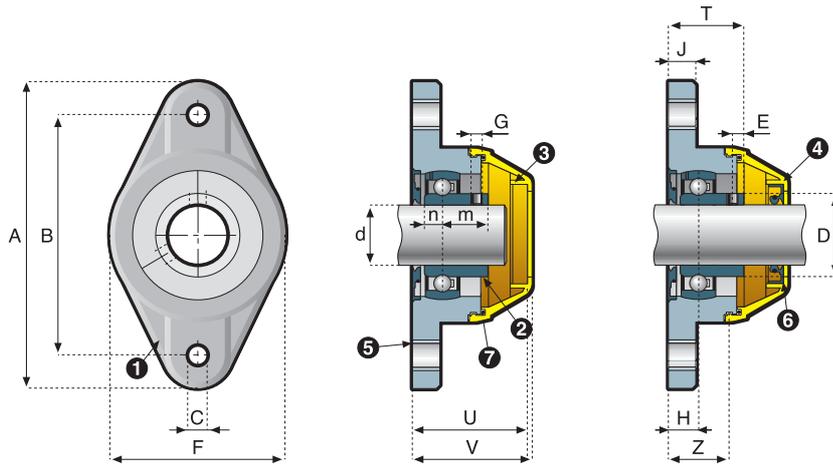
Accessories: 144

Chemical resistance: 160

New line of flanged bearings created through new technology which will help equipment builders meet the requirements of the USDA and other government agencies as they relate to the prevention of contamination of food products and the growth of bacteria.



# Series UCFH-RL



closed version  
with grub screws  
cap with external fit

open version  
with grub screws  
cap with external fit

Ø d mm	cap with external fit		dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)	
	closed	open	A	B	C	D	E	F	G	H	J	Z	T	m	n	U	V	dynamic C (N)			static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																					
30	<b>54206NRL-EC</b>	<b>59206NRL-EC</b>	148	117	11	40	5.9	84	M6x0.75	14.5	12.5	29	36.5	22	8	50.7	52.7	15000	11300	8800	0.45
40	<b>54208NRL-EC</b>	<b>59208NRL-EC</b>	175	144	14	52.7	8	100	M8x1.00	18	20	35	50.1	32.1	9	63.2	65.2	22400	17900	12500	0.80

The dimension of the housings related to codes printed in bold letters are unified according to international standards.

## With cover in stainless steel polished surface



**Flanged bearing support  
with stainless steel cover  
series CL for  
plain shafts d 30-35-40 mm**



**see also...**

Features: page 148
Lubrication/maintenance: 149
Mounting instructions: 151
Calculation of load capacity and bearing life: 153
Accessories: 144
Chemical resistance: 160

### TECHNICAL INFORMATION

- **Total protection.**
- **Solid cross-section base housing.**
- **No core cavities to trap contaminants.**
- **Resistance to corrosion:** good resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.
- **Load capacity:** high load capacity.
- **Continuous operating temperature:**  
From -20°C to +80°C.  
This version maintains good dimensional stability at the maximum indicated temperature.
- **Economical operation.**  
Long life, maintenance free.
- **Self-alignment:**  
Max. misalignment between shaft and housing: 2.5°
- **Concept and design to meet all safety requirements.**
- **Interchangeability:**  
Interchangeable with standard cast iron flanged supports.

### COMPONENTS

- 1 Internal housing in plastic material.
- 2 External housing in stainless steel.
- 3 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 4 Ball-type grease-nipple.
- 5 Washer for grease-nipple
- 6 Spacer to reinforce bolt holes.
- 7 Clip-on safety cap (accessory).  
Open version achievable by pressing in the shaft against the internal side of the cap.

### MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

### VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide internal housing.
- Cover in stainless steel AISI 304 - DIN 1.4301.
- High quality ball bearing in chrome steel.
- Grease-nipple in stainless steel.
- Washer for grease-nipple in polyethylene.
- Seal and O-Ring in NBR-rubber (viton for s/s bearing).
- Spacer in stainless steel.
- Safety cap in polypropylene.

### COLOUR

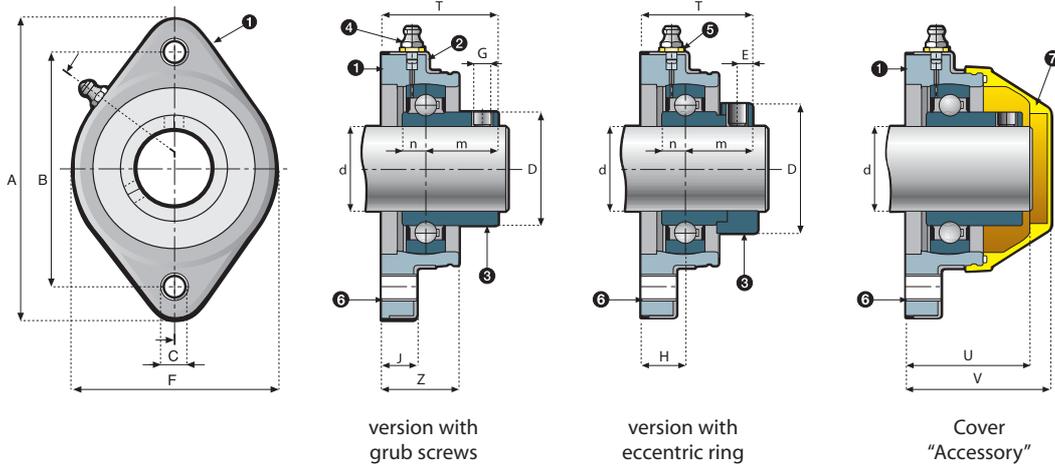
- Safety cap in yellow (accessory).
- Internal housing in black.
- External housing in polish stainless steel.



accessory



# Series CL



version with grub screws

version with eccentric ring

Cover "Accessory"

Ø d mm	code version	safety cap code	dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)	
			A	B	C	D	E	F	G	H	J	Z	T	m	n	U	V	dynamic C (N)			static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																					
30	50206CL	50002	147	117	11	40	5.9	99	M6x0.75	21	16.5	35.5	43	22	8	55	66	15000	11300	13000	0.75
35	50207CL	50002	147	117	11	46.7	7.4	99	M6x0.75	19	16.5	35.5	44.5	25.5	9.5	55	66	19700	15300	12800	0.80
40	50208CL	50002	147	117	11	52.7	8	99	M8x1.00	18.25	16.5	35.5	50.35	32.1	9	55	66	22400	17900	12500	0.90
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																					
30	50206CLB	50002	147	117	11	44.5	6.2	99	M8x1.00	21	16.5	35.5	47.9	26.9	9	55	66	15000	11300	13000	0.85
35	50207CLB	50002	147	117	11	55.6	7	99	M10x1.25	19	16.5	35.5	48.6	29.6	9.5	55	66	19700	15300	12800	0.95
40	50208CLB	50002	147	117	11	60.3	7	99	M10x1.25	18.25	16.5	35.5	53.6	34.6	9	55	66	22400	17900	12500	1.00

# Series CL-R

With cover in  
**stainless steel**  
**polished surface**



**Flanged bearing support with stainless steel cover series CL-R for plain shafts d 30-35-40 mm**



see also... Features: page 148

Lubrication/maintenance: 149

Mounting instructions: 151

Calculation of load capacity and bearing life: 153

Accessories: 144

Chemical resistance: 160

## TECHNICAL INFORMATION

- **Waterproof.**
- **Total protection.**
- **Solid cross-section base housing.**
- **No core cavities to trap contaminants.**
- **Complete Sealed units.**
- **Resistance to corrosion:** good resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.
- **Load capacity:** high load capacity.
- **Continuous operating temperature:** From -20°C to + 80°C.  
This version maintains good dimensional stability at the maximum indicated temperature.
- **Economical operation.**  
Long life, maintenance free.
- **Self-alignment:**  
Max. misalignment between shaft and housing: 2.5°
- **Concept and design to meet all safety requirements.**
- **Interchangeability:**  
Interchangeable with standard cast iron flanged supports.

## COMPONENTS

- 1 Internal housing in plastic material.
- 2 External housing in stainless steel.
- 3 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 4 Ball-type grease-nipple.
- 5 Washer for grease-nipple
- 6 Rotary shaft seal ring with extra dust-protection lip.
- 7 Heavy duty O-Ring.
- 8 Spacer to reinforce bolt holes.
- 9 Clip-on safety cap (closed version).
- 10 Clip-on safety cap (open version).

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

## VERSION IN POLYAMIDE (PA) MATERIALS

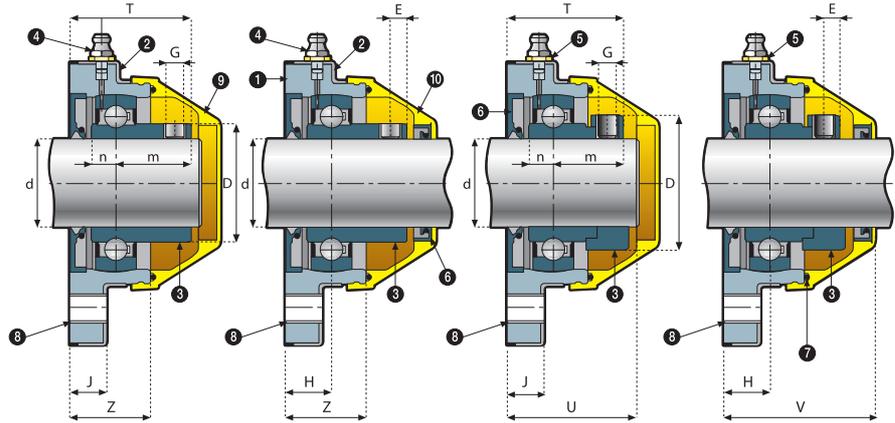
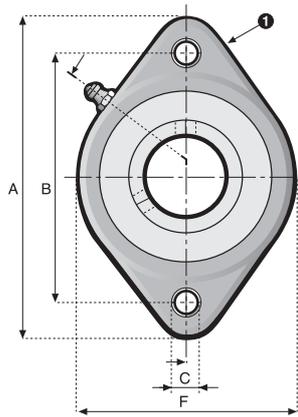
- Reinforced polyamide internal housing.
- Cover in stainless steel AISI 304 - DIN 1.4301.
- High quality ball bearing in chrome steel or stainless steel.
- Grease-nipple in stainless steel.
- Washer for grease-nipple in polyethylene.
- Seal and O-Ring in NBR-rubber (viton for s/s bearing).
- Spacer in stainless steel.
- Safety cap in polypropylene.

## COLOUR

- Safety cap in yellow (accessory).
- Internal housing in black.
- External housing in polish stainless steel.



# Series CL-R



closed version  
with grub screws

open version  
with grub screws

closed version  
with eccentric ring

open version  
with eccentric ring

Ø d mm	code version		dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)	
	closed	open	A	B	C	D	E	F	G	H	J	Z	T	m	n	U	V	dynamic C (N)			static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																					
30	50206CLR	55206CLR	147	117	11	40	5.9	99	M6x0.75	21	16.5	35.5	43	22	8	55	66	15000	11300	13000	0.75
35	50207CLR	55207CLR	147	117	11	46.7	7.4	99	M6x0.75	19	16.5	35.5	44.5	25.5	9.5	55	66	19700	15300	12800	0.80
40	50208CLR	55208CLR	147	117	11	52.7	8	99	M8x1.00	18.25	16.5	35.5	50.35	32.1	9	55	66	22400	17900	12500	0.90
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																					
30	50206CLBR	55206CLBR	147	117	11	44.5	6.2	99	M8x1.00	21	16.5	35.5	47.9	26.9	9	55	66	15000	11300	13000	0.85
35	50207CLBR	55207CLBR	147	117	11	55.6	7	99	M10x1.25	19	16.5	35.5	48.6	29.6	9.5	55	66	19700	15300	12800	0.95
40	50208CLBR	55208CLBR	147	117	11	60.3	7	99	M10x1.25	18.25	16.5	35.5	53.6	34.6	9	55	66	22400	17900	12500	1.00
<b>STAINLESS STEEL BEARING (WITH GRUB SCREWS)</b>																					
30	50206CLRS	55206CLRS	147	117	11	40	5.9	99	M6x0.75	21	16.5	35.5	43	22	8	55	66	15000	11300	13000	0.75
35	50207CLRS	55207CLRS	147	117	11	46.7	7.4	99	M6x0.75	19	16.5	35.5	44.5	25.5	9.5	55	66	19700	15300	12800	0.80
40	50208CLRS	55208CLRS	147	117	11	52.7	8	99	M8x1.00	18.25	16.5	35.5	50.35	32.1	9	55	66	22400	17900	12500	0.90

# Series CL-RL

With cover in  
**stainless steel**  
**polished surface**



**Flanged bearing support  
with stainless steel cover  
series CL-RL for  
plain shafts d 30-35-40 mm**



see also... Features: page 148

Lubrication/maintenance: 149

Mounting instructions: 151

Calculation of load capacity  
and bearing life: 153

Accessories: 144

Chemical resistance: 160



## TECHNICAL INFORMATION

- **Waterproof.**
- **Total protection.**
- **Solid cross-section base housing.**
- **No core cavities to trap contaminants.**
- **Complete Sealed units.**
- **Resistance to corrosion:** good resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.
- **Load capacity:** high load capacity.
- **Continuous operating temperature:**  
From -20°C to + 80°C.  
This version maintains good dimensional stability at the maximum indicated temperature.
- **Economical operation.**  
Long life, maintenance free.
- **Self-alignment:**  
Max. misalignment between shaft and housing: 2.5°
- **Concept and design to meet all safety requirements.**
- **Interchangeability:**  
Interchangeable with standard cast iron flanged supports.

## COMPONENTS

- 1 Internal housing in plastic material.
- 2 External housing in stainless steel.
- 3 High quality maintenance free ball bearing.
- 4 Rotary shaft seal ring with extra dust-protection lip.
- 5 Heavy duty O-Ring.
- 6 Spacer to reinforce bolt holes.
- 7 Clip-on safety cap (closed version).
- 8 Clip-on safety cap (open version).
- 9 Cap end.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

## VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide internal housing.
- Cover in stainless steel AISI 304 - DIN 1.4301.
- High quality ball bearing in chrome steel.
- Grease-nipple in stainless steel.
- Washer for grease-nipple in polyethylene.
- Seal and O-Ring in NBR-rubber (viton for s/s bearing).
- Spacer in stainless steel.
- Safety cap in polypropylene.

## COLOUR

- Safety cap in yellow (accessory).
- Internal housing in black.
- External housing in polish stainless steel.



Series CL-RL



Plain Shaft

30 35 40



Ø mm



Waterproof

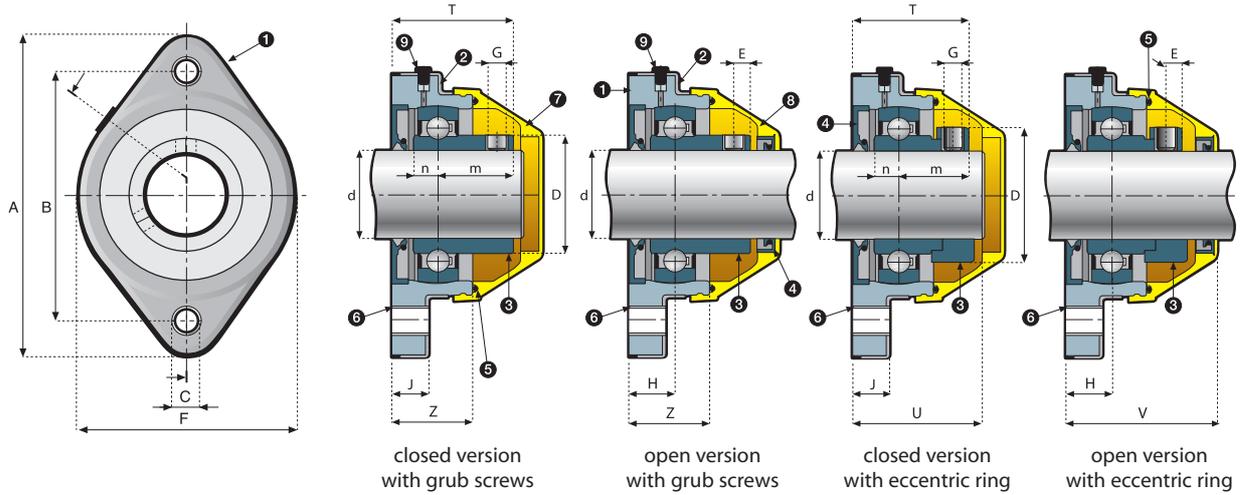


Polyamide



Stainless steel

# Series CL-RL



Ø d mm	code version		dimensions (mm)															bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)
	closed	open	A	B	C	D	E	F	G	H	J	Z	T	m	n	U	V	dynamic C (N)	static Co (N)		
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																					
30	50206CLRL	55206CLRL	147	117	11	40	5.9	99	M6x0.75	21	16.5	35.5	43	22	8	55	66	15000	11300	13000	0.75
35	50207CLRL	55207CLRL	147	117	11	46.7	7.4	99	M6x0.75	19	16.5	35.5	44.5	25.5	9.5	55	66	19700	15300	12800	0.80
40	50208CLRL	55208CLRL	147	117	11	52.7	8	99	M8x1.00	18.25	16.5	35.5	50.35	32.1	9	55	66	22400	17900	12500	0.90
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																					
40	50208CLBRL	55208CLBRL	147	117	11	60.3	7	99	M10x1.25	18.25	16.5	35.5	53.6	34.6	9	55	66	22400	17900	12500	1.00

# Series UCFT



**Flanged bearing support series UCFT for plain shafts**  
d 12-15-16-17-25 mm



see also... Features: page 148

Lubrication/maintenance: 149

Mounting instructions: 151

Calculation of load capacity and bearing life: 153

Accessories: 144

Chemical resistance: 160

## TECHNICAL INFORMATION

- **Resistance to corrosion.**
- **High load capacity.**
- **Good dimensional stability at the maximum indicated temperature**
- **Self-alignment:**  
Max misalignment between shaft and housing: 2,5°
- **Low maintenance and trouble-free operation.**
- **Easy Cleaning.**
- **Ball bearing pre-lubricated with long-life grease, which is ideal in applications within humid conditions, water, alkaline or acid solutions.**
- **Concept and design to meet all safety requirements.**
- **Interchangeable :**  
Interchangeable with standard cast iron flanged supports.
- **Application in the food, beverage and pharmaceutical industry.**

New line of flange bearings created through new technology which will help equipment builders meet the requirements of the USDA and other government agencies as they relate to the prevention of contamination of food products and the growth of bacteria.

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple.
- 4 Clip-on safety cap (accessory).  
Open version achievable by pressing in the shaft against the internal side of the cap.
- 5 Washer UNI 6592.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

## VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel or stainless steel.
- Grease-nipple in nickel plated brass or stainless steel.
- Safety cap in polypropylene (accessory).
- Washers in stainless steel AISI 304.

## COLOUR

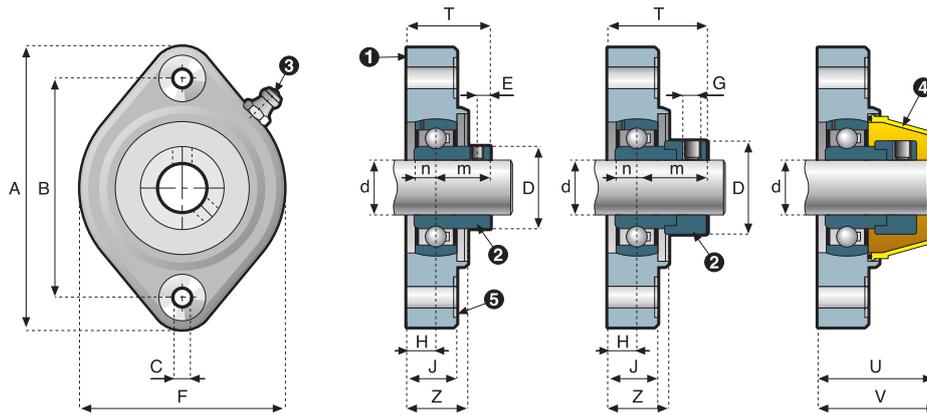
- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



accessory



# Series UCFT



version with grub screws

version with eccentric ring

Ø d mm	code version (PA)	safety cap code	dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)	
			A	B	C	D	E	F	G	H	J	Z	T	m	n	U	V	dynamic C (N)			static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																					
12	<b>54201TN</b>	50024	81	63.5	6.5	24.2	5.3	58.5	M6x0.75	8.5	16	19	24.5	16	6	33	35	7300	4760	6500	0.20
15	<b>54202TN</b>	50024	81	63.5	6.5	24.2	5.3	58.5	M6x0.75	8.5	16	19	24.5	16	6	33	35	7300	4760	6500	0.20
16	<b>54016TN</b>	50024	81	63.5	6.5	24.2	5.3	58.5	M6x0.75	8.5	16	19	24.5	16	6	33	35	7300	4760	6500	0.20
17	<b>54203TN</b>	50024	81	63.5	6.5	24.2	5.3	58.5	M6x0.75	8.5	16	19	24.5	16	6	33	35	7300	4760	6500	0.20
25	<b>54205TN</b>	50009	96	76	8.5	34	5.4	71	M6x0.75	10.5	18.5	21.5	30	19.5	7.5	44.5	46.5	10800	7800	10000	0.32
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																					
12	<b>54201TNB</b>	50024	81	63.5	6.5	28.5	5	58.5	M6x0.75	8.5	16	19	30.5	22	6	33	35	7300	4760	6500	0.23
15	<b>54202TNB</b>	50024	81	63.5	6.5	28.5	5	58.5	M6x0.75	8.5	16	19	30.5	22	6	33	35	7300	4760	6500	0.23
16	<b>54016TNB</b>	50024	81	63.5	6.5	28.5	5	58.5	M6x0.75	8.5	16	19	30.5	22	6	33	35	7300	4760	6500	0.23
17	<b>54203TNB</b>	50024	81	63.5	6.5	28.5	5	58.5	M6x0.75	8.5	16	19	30.5	22	6	33	35	7300	4760	6500	0.23
25	<b>54205TNB</b>	50009	96	76	8.5	38.1	5	71	M6x0.75	10.5	18.5	21.5	34.1	23.6	7.5	44.5	46.5	10800	7800	10000	0.35
<b>STAINLESS STEEL BEARING (with grub screws)</b>																					
25	<b>54205TN/SS</b>	50009	96	76	8.5	34	5.4	71	M6x0.75	10.5	18.5	21.5	30.3	19.8	7.6	44.5	46.5	8100	5800	10000	0.32

The dimension of the housings related to codes printed in bold letters are unified according to international standards.



**Flanged bearing support series UCFC for plain shafts d 25-30-35 mm**



see also... Features: page 148

Lubrication/maintenance: 149

Mounting instructions: 151

Calculation of load capacity and bearing life: 153

Accessories: 144

Chemical resistance: 160

## TECHNICAL INFORMATION

### ● Resistance to corrosion:

- Polyamide version (PA): good resistance to many corrosive chemicals such as water, oils, greases, petrol, milk, wine, alcoholic beverages.
- Polypropylene version (PP): good resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.

### ● Load capacity:

- Polyamide version (PA): high load capacity.
- Polypropylene version (PP): low capacity.

### ● Continuous operating temperature:

- Polyamide version (PA): from -20°C to +90°C.
  - Polypropylene version (PP): from -20°C to +70°C.
- Both versions maintain good dimensional stability at the maximum indicated temperature.

### ● Economical operation.

Long life, maintenance free.

### ● Self-alignment:

Max. misalignment between shaft and housing: 2.5°

### ● Concept and design to meet all safety requirements.

### ● Interchangeability:

Interchangeable with standard cast iron flanged supports.



accessory

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple (available upon request) quick coupler to take semi-rigid hoses Ø 4 mm in Rilsan (see accessories on page 144).
- 4 Clip-on safety cap (accessory). Open version achievable by pressing in the shaft against the internal side of the cap.
- 5 Spacers to reinforce bolt holes.
- 6 Washer UNI 6592.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

### VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel or stainless steel.
- Grease-nipple in nickel plated brass or stainless steel.
- Safety cap in polypropylene (accessory).
- Spacers in nickel plated brass.
- Washers in stainless steel AISI 304 - DIN 1.4301.

### VERSION IN POLYPROPYLENE (PP) MATERIALS

- Reinforced polypropylene housing.
- High quality ball bearing in stainless steel.
- Grease-nipple in stainless steel.
- Safety cap in polypropylene (accessory).
- Spacers in stainless steel AISI 304 - DIN 1.4301.
- Washers in stainless steel AISI 304 - DIN 1.4301.

## COLOUR

- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



series UCFC



Plain Shaft



Ø mm

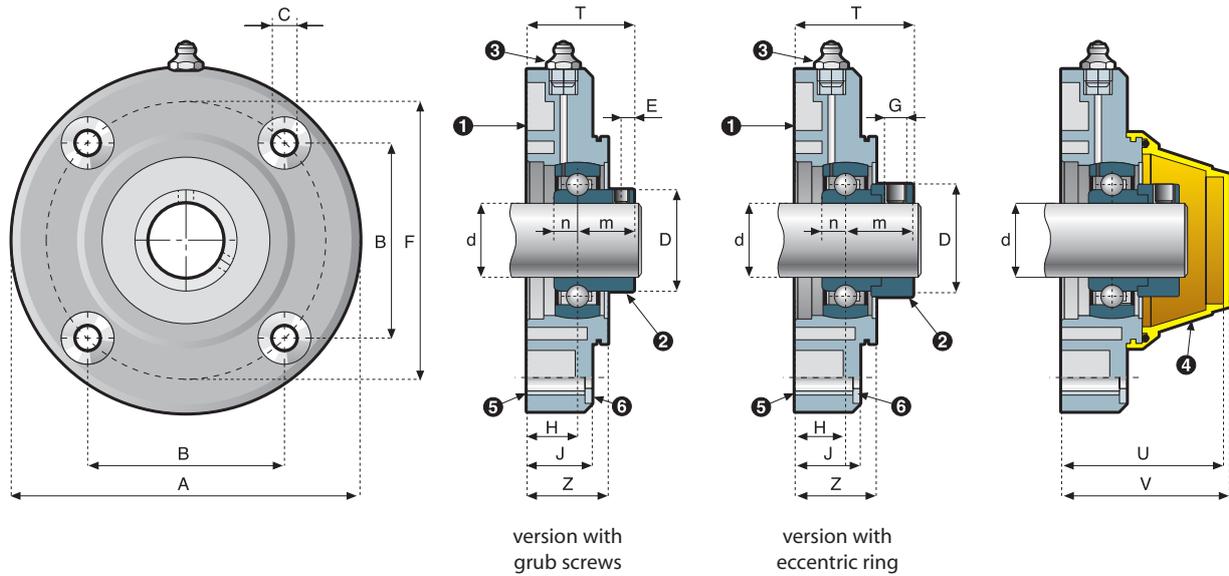


Polyamide



Polypropylene

# Series UCFC



version with grub screws

version with eccentric ring

Ø d mm	code version (PA)	safety cap code	dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)	
			A	B	C	D	E	F	G	H	J	Z	T	m	n	U	V	dynamic C (N)			static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																					
25	50205C	50009	122	70	8.5	34	5.4	99	M6x0.75	10.5	22.6	22.6	30	19.5	7.5	45.6	47.6	10800	7800	9500	0.45
30	50206CA	50010	122	70	8.5	40	5.9	99	M6x0.75	11.5	22.6	22.6	33.5	22	8	49.6	51.6	15000	11300	9300	0.50
30	50206C	50004	137	78	11	40	5.9	110	M6x0.75	20	25	32	42	22	8	63	65	15000	11300	13000	0.70
35	<b>50207C</b>	50004	137	78	11	46.7	7.4	110	M6x0.75	19	25	32	44.5	25.5	9.5	63	65	19700	15300	12800	0.80

<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																					
25	50205CB	50009	122	70	8.5	38	5	99	M6x0.75	10.5	22.6	22.6	34.1	23.6	7.5	45.6	47.6	10800	7800	9500	0.50
30	50206CAB	50010	122	70	8.5	44.5	6.2	99	M8x1.00	11.5	22.6	22.6	38.4	26.9	9	49.6	51.6	15000	11300	9300	0.55
30	50206CB	50004	137	78	11	44.5	6.2	110	M8x1.00	20	25	32	46.9	26.9	9	63	65	15000	11300	13000	0.75
35	<b>50207CB</b>	50004	137	78	11	55.6	7	110	M10x1.25	19	25	32	48.6	29.6	9.5	63	65	19700	15300	12800	0.87

Ø d mm	code version		safety cap code	dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing		weight (Kg)	
	PA	PP		A	B	C	D	E	F	G	H	J	Z	T	m	n	U	V	dynamic C (N)	static Co (N)	PA (N)		PP (N)
<b>STAINLESS STEEL BEARING (with grub screws)</b>																							
25	50205C/SS	60205C	50009	122	70	8.5	34	5.4	99	M6x0.75	10.5	22.6	22.6	30.3	19.8	7.6	45.6	47.6	8100	5800	9500	4000	0.45
30	50206CA/SS	60206CA	50010	122	70	8.5	40	5.9	99	M6x0.75	11.5	22.6	22.6	33.7	22.2	9	49.6	51.6	11250	8400	9300	4000	0.50
30	50206C/SS	60206C	50004	137	78	11	40	5.9	110	M6x0.75	20	25	32	42.2	22.2	9	63	65	11250	8400	13000	6000	0.70
35	<b>50207C/SS</b>	60207C	50004	137	78	11	46.7	7.4	110	M6x0.75	19	25	32	44.4	25.4	9.6	63	65	14750	11400	12800	6000	0.80

The dimension of the housings related to codes printed in bold letters are unified according to international standards.

# Series UCFC-Y



**Flanged bearing support series UCFC-Y for plain shafts d 30-35 mm**



see also... Features: page 148

Lubrication/maintenance: 149

Mounting instructions: 151

Calculation of load capacity and bearing life: 153

Accessories: 144

Chemical resistance: 160

## TECHNICAL INFORMATION

### ● Complete sealed units.

### ● Resistance to corrosion:

- Polyamide version (PA): good resistance to many corrosive chemicals such as water, oils, greases, petrol, milk, wine, alcoholic beverages.
- Polypropylene version (PP): excellent resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.

### ● Load capacity:

- Polyamide version (PA): high load capacity.
- Polypropylene version (PP): low capacity.

### ● Continuous operating temperature:

- Polyamide version (PA): from -20°C to +90°C.
  - Polypropylene version (PP): from -20°C to +70°C.
- Both versions maintain good dimensional stability at the maximum indicated temperature.

### ● Economical operation.

Long life, maintenance free.

### ● Self-alignment:

Max. misalignment between shaft and housing: 2°.

### ● Concept and design to meet all safety requirements.

### ● Interchangeability:

Interchangeable with standard cast iron flanged supports.

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple (available upon request) quick coupler to take semi-rigid hoses Ø 4 mm in Rilsan (see accessories on page 144).
- 4 Clip-on safety cap (closed version).
- 5 Clip-on safety cap (open version).
- 6 Washer UNI 6592.
- 7 Spacers to reinforce bolt holes.
- 8 Rotary shaft seal ring with extra dust-protection lip.
- 9 Heavy duty O-Ring.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.



### VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel.
- Grease-nipple in nickel plated brass.
- Safety cap in polypropylene.
- Washers in stainless steel AISI 304 - DIN 1.4301.
- Spacers in nickel plated brass.
- Seal and O-Ring in NBR-rubber.



### VERSION IN POLYPROPYLENE (PP) MATERIALS

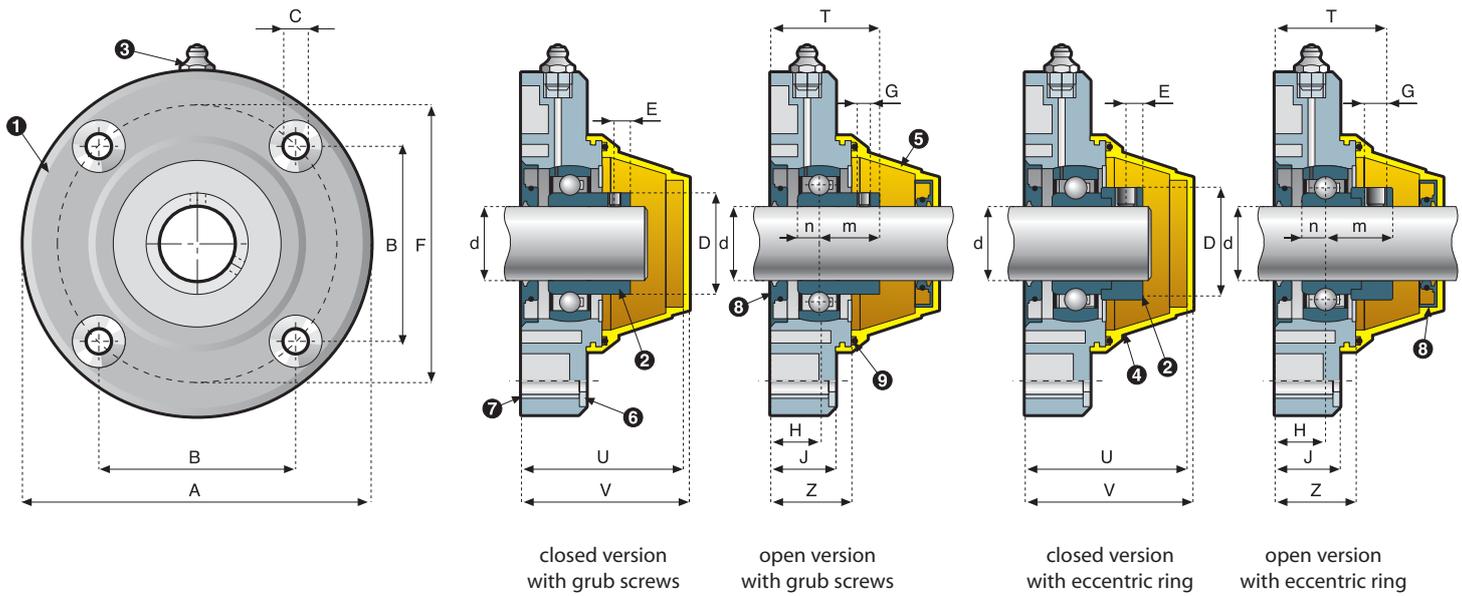
- Reinforced polypropylene housing.
- High quality ball bearing in chrome steel.
- Grease-nipple in stainless steel.
- Safety cap in polypropylene.
- Washers in stainless steel AISI 304 - DIN 1.4301.
- Spacers in stainless steel AISI 304 - DIN 1.4301.
- Seal and O-Ring in VITON-rubber.

## COLOUR

- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



# Series UCFC-Y



Ø d mm	code version		dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)	
	closed	open	A	B	C	D	E	F	G	H	J	Z	T	m	n	U	V	dynamic C (N)			static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS VERSION IN POLYAMIDE - PA -</b>																					
30	50206Y	55206Y	137	78	11	40	5.9	110	M6x0.75	20	25	32	42	22	8	63	65	15000	11300	13000	0.74
35	<b>50207Y</b>	<b>55207Y</b>	137	78	11	46.7	7.4	110	M6x0.75	19	25	32	44.5	25.5	9.5	63	65	19700	15300	12800	0.84
<b>SHAFT LOCKING WITH ECCENTRIC RING VERSION IN POLYAMIDE - PA -</b>																					
30	50206YB	55206YB	137	78	11	44.5	6.2	110	M8x1.00	20	25	32	46.9	26.9	9	63	65	15000	11300	13000	0.80
35	<b>50207YB</b>	<b>55207YB</b>	137	78	11	55.6	7	110	M10x1.25	19	25	32	48.6	29.6	9.5	63	65	19700	15300	12800	0.91

Ø d mm	code version		dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PP (N)	weight (Kg)	
	closed	open	A	B	C	D	E	F	G	H	J	Z	T	m	n	U	V	dynamic C (N)			static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS VERSION IN POLYPROPYLENE - PP -</b>																					
30	60206Y	65206Y	137	78	11	40	5.9	110	M6x0.75	20	25	32	42	22	8	63	65	15000	11300	6000	0.74
35	<b>60207Y</b>	<b>65207Y</b>	137	78	11	46.7	7.4	110	M6x0.75	19	25	32	44.5	25.5	9.5	63	65	19700	15300	6000	0.84
<b>SHAFT LOCKING WITH ECCENTRIC RING VERSION IN POLYPROPYLENE - PP -</b>																					
30	60206YB	65206YB	137	78	11	44.5	6.2	110	M8x1.00	20	25	32	46.9	26.9	9	63	65	15000	11300	6000	0.80
35	<b>60207YB</b>	<b>65207YB</b>	137	78	11	55.6	7	110	M10x1.25	19	25	32	48.6	29.6	9.5	63	65	19700	15300	6000	0.91

The dimension of the housings related to codes printed in bold letters are unified according to international standards.

# Series FC



**Flanged bearing support series FC for shouldered shafts d 30-35 mm**



see also... Features: page 148

Lubrication/maintenance: 149

Mounting instructions: 151

Calculation of load capacity and bearing life: 153

Accessories: 144

Chemical resistance: 160

## TECHNICAL INFORMATION

### ● Complete sealed units.

### ● Resistance to corrosion:

- Polyamide version (PA): good resistance to many corrosive chemicals such as water, oils, greases, petrol, milk, wine, alcoholic beverages.
- Polypropylene version (PP): excellent resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.

### ● Load capacity:

- Polyamide version (PA): high load capacity.
- Polypropylene version (PP): low capacity.

### ● Continuous operating temperature:

- Polyamide version (PA): from -20°C to +90°C.
- Polypropylene version (PP): from -20°C to +70°C.

Both versions maintain good dimensional stability at the maximum indicated temperature.

### ● Economical operation.

Long life, maintenance free.

### ● Concept and design to meet all safety requirements.

## COMPONENTS

- 1 Housing in plastic material.
- 2 Radial ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple (available upon request) quick coupler to take semi-rigid hoses Ø 4 mm in Rilsan (see accessories on page 144).
- 4 Rotary shaft seal ring with extra dust-protection lip.
- 5 Spacers to reinforce bolt holes.
- 6 Washer UNI 6592.
- 7 Spacer.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

### PA VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- Bearing in steel.
- Grease-nipple in nickel plated brass.
- Seal in NBR-rubber.
- Spacers in nickel plated brass.
- Washers in stainless steel AISI 304 - DIN 1.4301.
- Spacer in polyamide.

### PP VERSION IN POLYPROPYLENE (PP) MATERIALS

- Reinforced polypropylene housing.
- Bearing in steel.
- Grease-nipple in stainless steel.
- Seal in VITON-rubber.
- Spacers in stainless steel AISI 304 - DIN 1.4301.
- Washers in stainless steel AISI 304 - DIN 1.4301.
- Spacer in polyamide.

## COLOUR

- Bearing support in black.
- For sufficient quantities parts can be produced in different colours.



series FC



Shouldered shaft



Ø mm

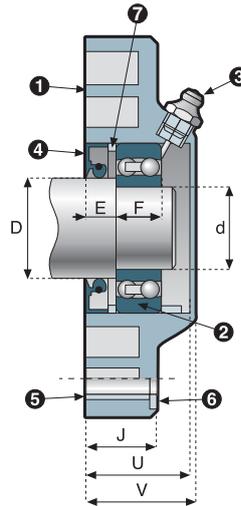
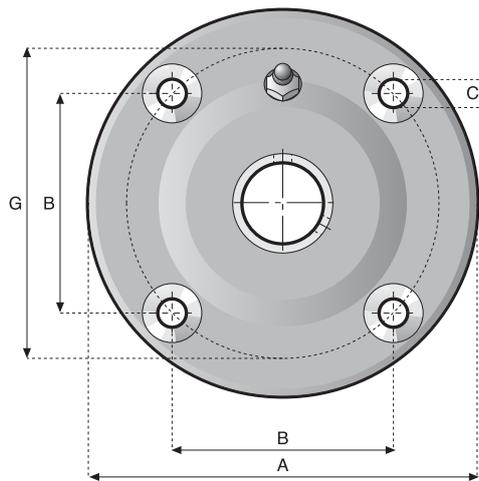


Polyamide

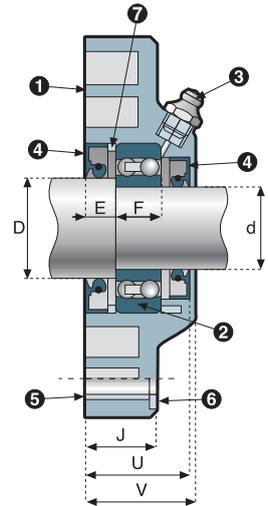


Polypropylene

# Series FC



closed version



open version

Ø d mm	code version		dimensions (mm)										bearing load ratings		max. radial load capacity on plastic housing (N)	weight (Kg)
	closed	open	A	B	C	D	E	F	G	J	U	V	dynamic C (N)	static Co (N)		
<b>FLANGED BEARING FOR SHOULDERED SHAFTS VERSION IN POLYAMIDE - PA -</b>																
30	51206C	56206C	137	78	11	35	10	16	110	25	37	39	15500	5500	13000	0.60
35	<b>51207C</b>	<b>56207C</b>	137	78	11	40	10	17	110	25	37	39	15900	6500	12800	0.72
<b>FLANGED BEARING FOR SHOULDERED SHAFTS VERSION IN POLYPROPYLENE - PP -</b>																
30	61206C	66206C	137	78	11	35	10	16	110	25	37	39	15500	5500	6000	0.60
35	<b>61207C</b>	<b>66207C</b>	137	78	11	40	10	17	110	25	37	39	15900	6500	6000	0.72

The dimension of the housings related to codes printed in bold letters are unified according to international standards.



**Pillow block series UCP for plain shafts**  
**d 12-15-16-17-20-25-30-35-40 mm**



see also... Features: page 148

Lubrication/maintenance: 149

Mounting instructions: 151

Calculation of load capacity and bearing life: 153

Accessories: 144

Chemical resistance: 160

## TECHNICAL INFORMATION

### Resistance to corrosion:

- Polyamide version (PA): good resistance to many corrosive chemicals such as water, oils, greases, petrol, milk, wine, alcoholic beverages.
- Polypropylene version (PP): good resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.

### Load capacity:

- Polyamide version (PA): high load capacity.
- Polypropylene version (PP): low capacity.

### Continuous operating temperature:

- Polyamide version (PA): from -20°C to +90°C.
  - Polypropylene version (PP): from -20°C to +70°C.
- Both versions maintain good dimensional stability at the maximum indicated temperature.

### Economical operation.

Long life, maintenance free.

### Self-alignment:

Max. misalignment between shaft and housing: 2.5°

### Concept and design to meet all safety requirements.

### Interchangeability:

Interchangeable with standard cast iron flanged supports.



accessory

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple (available upon request) quick coupler to take semi-rigid hoses Ø 4 mm in Rilsan (see accessories on page 144).
- 4 Clip-on safety cap (accessory). Open version achievable by pressing in the shaft against the internal side of the cap.
- 5 Spacers to reinforce bolt holes.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

### VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel or stainless steel.
- Grease-nipple in nickel plated brass or stainless steel.
- Safety cap in polypropylene (accessory).
- Spacers in stainless steel AISI 304 - DIN 1.4301

### VERSION IN POLYPROPYLENE (PP) MATERIALS

- Reinforced polypropylene housing.
- High quality ball bearing in stainless steel.
- Grease-nipple in stainless steel.
- Safety cap in polypropylene (accessory).
- Spacers in stainless steel AISI 304 - DIN 1.4301.

## COLOUR

- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



series UCP



Plain Shaft



Ø mm

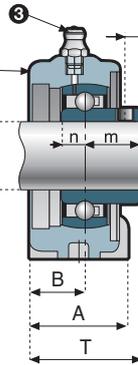
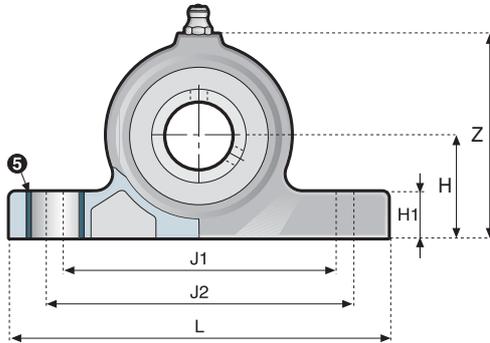
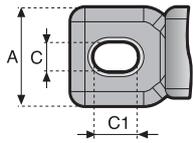


Polyamide

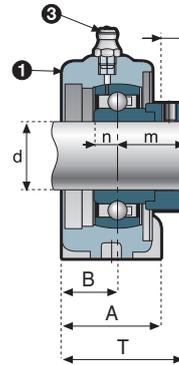


Polypropylene

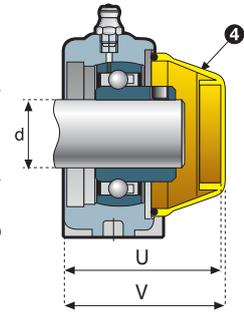
# Series UCP



version with grub screws



version with eccentric ring



Ø d mm	code version (PA)	safety cap code	dimensions (mm)																bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)		
			A	B	C	C1	D	E	G	H	H1	L	Z	J1	J2	T	m	n	U	V			dynamic C (N)	static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																								
12	<b>53201</b>	50013	30	18.5	11	17	24.2	5.3	M6x0.75	30.2	16	125	61	89	101	34.5	16	6	50	52	7300	4760	6500	0.25
15	<b>53202</b>	50013	30	18.5	11	17	24.2	5.3	M6x0.75	30.2	16	125	61	89	101	34.5	16	6	50	52	7300	4760	6500	0.25
16	<b>53016</b>	50013	30	18.5	11	17	24.2	5.3	M6x0.75	30.2	16	125	61	89	101	34.5	16	6	50	52	7300	4760	6500	0.25
17	<b>53203</b>	50013	30	18.5	11	17	24.2	5.3	M6x0.75	30.2	16	125	61	89	101	34.5	16	6	50	52	7300	4760	6500	0.25
20	<b>53204</b>	50013	31	18	11	17	28.5	5.4	M6x0.75	33.3	16	127	67	91	103	36.2	18.2	7	50.5	52.5	9850	6580	8500	0.30
25	<b>53205</b>	50009	35	20	11	17	34	5.4	M6x0.75	36.5	16	135	72.5	97	109	39.5	19.5	7.5	55	57	10800	7800	10000	0.37
30	<b>53206</b>	50010	41	24	13	22	40	5.9	M6x0.75	42.9	21.5	156	87	111	129	46	22	8	65	67	15000	11300	12000	0.50
35	<b>53207</b>	50010	45	25.5	13	22	46.7	7.4	M6x0.75	47.6	21.5	164	95	117	135	51	25.5	9.5	67	69	19700	15300	12500	0.70
40	<b>53208</b>	50014	48	20	13	22	52.7	8	M8x1.00	49.2	21.5	179	100	129	147	52.1	32.1	9	63	65	22400	17900	13000	0.85

<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																								
12	<b>53201B</b>	50013	30	18.5	11	17	28.5	5	M6x0.75	30.2	16	125	61	89	101	40.5	22	6	50	52	7300	4760	6500	0.28
15	<b>53202B</b>	50013	30	18.5	11	17	28.5	5	M6x0.75	30.2	16	125	61	89	101	40.5	22	6	50	52	7300	4760	6500	0.28
16	<b>53016B</b>	50013	30	18.5	11	17	28.5	5	M6x0.75	30.2	16	125	61	89	101	40.5	22	6	50	52	7300	4760	6500	0.28
17	<b>53203B</b>	50013	30	18.5	11	17	28.5	5	M6x0.75	30.2	16	125	61	89	101	40.5	22	6	50	52	7300	4760	6500	0.28
20	<b>53204B</b>	50013	31	18	11	17	33.3	5	M6x0.75	33.3	16	127	67	91	103	41.6	23.6	7.5	50.5	52.5	9850	6580	8500	0.33
25	<b>53205B</b>	50009	35	20	11	17	38	5	M6x0.75	36.5	16	135	72.5	97	109	43.6	23.6	7.5	55	57	10800	7800	10000	0.42
30	<b>53206B</b>	50010	41	24	13	22	44.5	6.2	M8x1.00	42.9	21.5	156	87	111	129	50.9	26.9	9	65	67	15000	11300	12000	0.55
35	<b>53207B</b>	50010	45	25.5	13	22	55.6	7	M10x1.25	47.6	21.5	164	95	117	135	55.1	29.6	9.5	67	69	19700	15300	12500	0.78
40	<b>53208B</b>	50014	48	20	13	22	60.3	7	M10x1.25	49.2	21.5	179	100	129	147	54.6	34.6	9	63	65	22400	17900	13000	0.97

Ø d mm	code version		safety cap code	dimensions (mm)																bearing load ratings		max. radial load capacity on plastic housing		weight (Kg)		
	PA	PP		A	B	C	C1	D	E	G	H	H1	L	Z	J1	J2	T	m	n	U	V	dynamic C (N)	static Co (N)		PA (N)	PP (N)
<b>STAINLESS STEEL BEARING (with grub screws)</b>																										
20	<b>53204/SS</b>	<b>63204</b>	50013	31	18	11	17	28.5	5.4	M6x0.75	33.3	16	127	67	91	103	36.2	18.2	7.6	50.5	52.5	7300	4900	8500	3200	0.30
25	<b>53205/SS</b>	<b>63205</b>	50009	35	20	11	17	34	5.4	M6x0.75	36.5	16	135	72.5	97	109	39.8	19.8	7.6	55	57	8100	5800	10000	3600	0.37
30	<b>53206/SS</b>	<b>63206</b>	50010	41	24	13	22	40	5.9	M6x0.75	42.9	21.5	156	87	111	129	46.2	22.2	9	65	67	11250	8400	12000	5500	0.50
35	<b>53207/SS</b>	<b>63207</b>	50010	45	25.5	13	22	46.7	7.4	M6x0.75	47.6	21.5	164	95	117	135	50.9	25.4	9.6	67	69	14700	11400	12500	6000	0.70
40	<b>53208/SS</b>	<b>63208</b>	50014	48	20	13	22	52.7	8	M8x1.00	49.2	21.5	179	100	129	147	50.1	30.1	11	63	65	16800	13400	13000	5800	0.85

The dimension of the housings related to codes printed in bold letters are unified according to international standards.

# Series UCP-R



**Pillow block series UCP-R for plain shafts**  
**d 12-15-16-17-20-25-30-35-40 mm**



**see also...** Features: page 148

Lubrication/maintenance: 149
Mounting instructions: 151
Calculation of load capacity and bearing life: 153
Accessories: 144
Chemical resistance: 160

## TECHNICAL INFORMATION

- **Complete sealed units.**
- **Resistance to corrosion:**
  - Polyamide version (PA): good resistance to many corrosive chemicals such as water, oils, greases, petrol, milk, wine, alcoholic beverages.
  - Polypropylene version (PP): excellent resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.
- **Load capacity:**
  - Polyamide version (PA): high load capacity.
  - Polypropylene version (PP): low capacity.
- **Continuous operating temperature:**
  - Polyamide version (PA): from -20°C to +90°C.
  - Polypropylene version (PP): from -20°C to +70°C.

Both versions maintain good dimensional stability at the maximum indicated temperature.
- **Economical operation.**  
Long life, maintenance free.
- **Self-alignment:**  
Max. misalignment between shaft and housing: 2°.
- **Concept and design to meet all safety requirements.**
- **Interchangeability:**  
Interchangeable with standard cast iron flanged supports.

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple (available upon request) quick coupler to take semi-rigid hoses Ø 4 mm in Rilsan (see accessories on page 144).
- 4 Clip-on safety cap (closed version).
- 5 Clip-on safety cap (open version).
- 6 Spacers to reinforce bolt holes.
- 7 Rotary shaft seal ring with extra dust-protection lip.
- 8 Heavy duty O-Ring.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

### VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel.
- Grease-nipple in nickel plated brass.
- Safety cap in polypropylene.
- Spacers in stainless steel AISI 304 - DIN 1.4301.
- Seal and O-Ring in NBR-rubber.

### VERSION IN POLYPROPYLENE (PP) MATERIALS

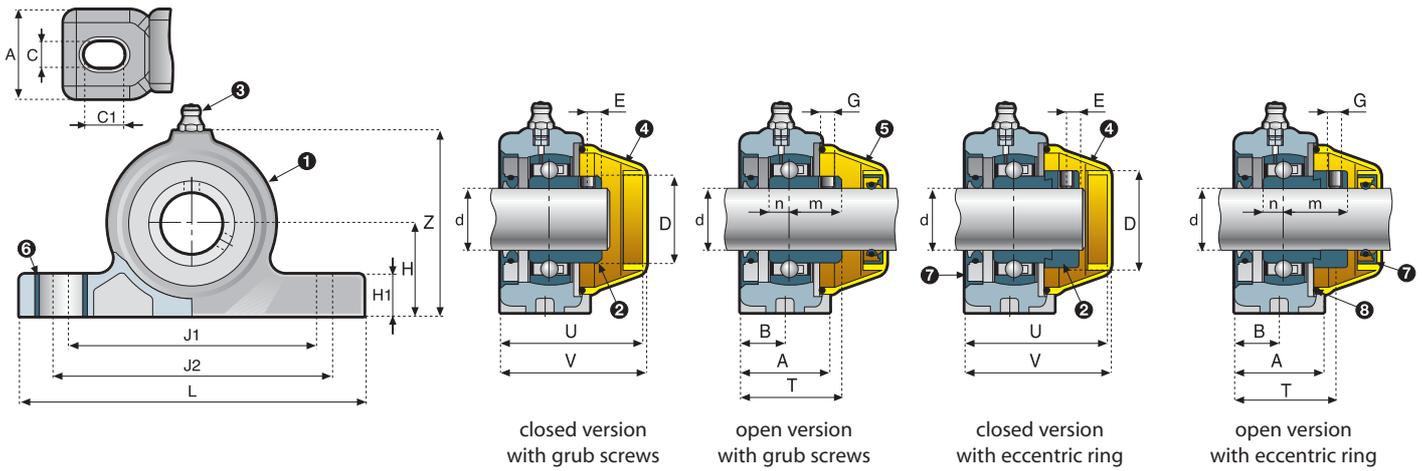
- Reinforced polypropylene housing.
- High quality ball bearing in chrome steel.
- Grease-nipple in stainless steel.
- Safety cap in polypropylene.
- Spacers in stainless steel AISI 304 - DIN 1.4301.
- Seal and O-Ring in VITON-rubber.

## COLOUR

- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



# Series UCP-R



Ø d mm	code version		dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)	
	closed	open	A	B	C	C1	D	E	G	H	H1	L	Z	J1	J2	T	m	n			U

### SHAFT LOCKING WITH GRUB SCREWS VERSION IN POLYAMIDE -PA-

12	<b>53201R</b>	<b>58201R</b>	30	18.5	11	17	24.2	5.3	M6x0.75	30.2	16	125	61	89	101	34.5	16	6	50	52	7300	4760	6500	0.25
15	<b>53202R</b>	<b>58202R</b>	30	18.5	11	17	24.2	5.3	M6x0.75	30.2	16	125	61	89	101	34.5	16	6	50	52	7300	4760	6500	0.25
16	<b>53016R</b>	<b>58016R</b>	30	18.5	11	17	24.2	5.3	M6x0.75	30.2	16	125	61	89	101	34.5	16	6	50	52	7300	4760	6500	0.25
17	<b>53203R</b>	<b>58203R</b>	30	18.5	11	17	24.2	5.3	M6x0.75	30.2	16	125	61	89	101	34.5	16	6	50	52	7300	4760	6500	0.25
20	<b>53204R</b>	<b>58204R</b>	31	18	11	17	28.5	5.4	M6x0.75	33.3	16	127	67	91	103	36.2	18.2	7	50.5	52.5	9850	6580	8500	0.30
25	<b>53205R</b>	<b>58205R</b>	35	20	11	17	34	5.4	M6x0.75	36.5	16	135	72.5	97	109	39.5	19.5	7.5	55	57	10800	7800	10000	0.37
30	<b>53206R</b>	<b>58206R</b>	41	24	13	22	40	5.9	M6x0.75	42.9	22	156	87	111	129	46	22	8	65	67	15000	11300	12000	0.50
35	<b>53207R</b>	<b>58207R</b>	45	25.5	13	22	46.7	7.4	M6x0.75	47.6	21.5	164	95	117	135	51	25.5	9.5	67	69	19700	15300	12500	0.70
40	<b>53208R</b>	<b>58208R</b>	48	20	13	22	52.7	8	M8x1.00	49.2	21.5	179	100	129	147	52.1	32.1	9	63	65	22400	17900	13000	0.85

### SHAFT LOCKING WITH ECCENTRIC RING VERSION IN POLYAMIDE -PA-

12	<b>53201RB</b>	<b>58201RB</b>	30	18.5	11	17	28.5	5	M6x0.75	30.2	16	125	61	89	101	40.5	22	6	50	52	7300	4760	6500	0.28
15	<b>53202RB</b>	<b>58202RB</b>	30	18.5	11	17	28.5	5	M6x0.75	30.2	16	125	61	89	101	40.5	22	6	50	52	7300	4760	6500	0.28
16	<b>53016RB</b>	<b>58016RB</b>	30	18.5	11	17	28.5	5	M6x0.75	30.2	16	125	61	89	101	40.5	22	6	50	52	7300	4760	6500	0.28
17	<b>53203RB</b>	<b>58203RB</b>	30	18.5	11	17	28.5	5	M6x0.75	30.2	16	125	61	89	101	40.5	22	6	50	52	7300	4760	6500	0.28
20	<b>53204RB</b>	<b>58204RB</b>	31	18	11	17	33.3	5	M6x0.75	33.3	16	127	67	91	103	41.6	23.6	7.5	50.5	52.5	9850	6580	8500	0.33
25	<b>53205RB</b>	<b>58205RB</b>	35	20	11	17	38	5	M6x0.75	36.5	16	135	72.5	97	109	43.6	23.6	7.5	55	57	10800	7800	10000	0.42
30	<b>53206RB</b>	<b>58206RB</b>	41	24	13	22	44.5	6.2	M8x1.00	42.9	22	156	87	111	129	50.9	26.9	9	65	67	15000	11300	12000	0.55
35	<b>53207RB</b>	<b>58207RB</b>	45	25.5	13	22	55.6	7	M10x1.25	47.6	21.5	164	95	117	135	55.1	29.6	9.5	67	69	19700	15300	12500	0.78
40	<b>53208RB</b>	<b>58208RB</b>	48	20	13	22	60.3	7	M10x1.25	49.2	21.5	179	100	129	147	54.6	34.6	9	63	65	22400	17900	13000	0.97

Ø d mm	code version		dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PP (N)	weight (Kg)	
	closed	open	A	B	C	C1	D	E	G	H	H1	L	Z	J1	J2	T	m	n			U

### SHAFT LOCKING WITH GRUB SCREWS VERSION IN POLYPROPYLENE -PP-

12	<b>63201R</b>	<b>68201R</b>	30	18.5	11	17	24.2	5.3	M6x0.75	30.2	16	125	61	89	101	34.5	16	6	50	52	7300	4760	3000	0.25
15	<b>63202R</b>	<b>68202R</b>	30	18.5	11	17	24.2	5.3	M6x0.75	30.2	16	125	61	89	101	34.5	16	6	50	52	7300	4760	3000	0.25
16	<b>63016R</b>	<b>68016R</b>	30	18.5	11	17	24.2	5.3	M6x0.75	30.2	16	125	61	89	101	34.5	16	6	50	52	7300	4760	3000	0.25
17	<b>63203R</b>	<b>68203R</b>	30	18.5	11	17	24.2	5.3	M6x0.75	30.2	16	125	61	89	101	34.5	16	6	50	52	7300	4760	3000	0.25
20	<b>63204R</b>	<b>68204R</b>	31	18	11	17	28.5	5.4	M6x0.75	33.3	16	127	67	91	103	36.2	18.2	7	50.5	52.5	9850	6580	3200	0.30
25	<b>63205R</b>	<b>68205R</b>	35	20	11	17	34	5.4	M6x0.75	36.5	16	135	72.5	97	109	39.5	19.5	7.5	55	57	10800	7800	3600	0.37
30	<b>63206R</b>	<b>68206R</b>	41	24	13	22	40	5.9	M6x0.75	42.9	22	156	87	111	129	46	22	8	65	67	15000	11300	5500	0.50
35	<b>63207R</b>	<b>68207R</b>	45	25.5	13	22	46.7	7.4	M6x0.75	47.6	21.5	164	95	117	135	51	25.5	9.5	67	69	19700	15300	6000	0.70
40	<b>63208R</b>	<b>68208R</b>	48	20	13	22	52.7	8	M8x1.00	49.2	21.5	179	100	129	147	52.1	32.1	9	63	65	22400	17900	5800	0.85

### SHAFT LOCKING WITH ECCENTRIC RING VERSION IN POLYPROPYLENE -PP-

12	<b>63201RB</b>	<b>68201RB</b>	30	18.5	11	17	28.5	5	M6x0.75	30.2	16	125	61	89	101	40.5	22	6	50	52	7300	4760	3000	0.28
15	<b>63202RB</b>	<b>68202RB</b>	30	18.5	11	17	28.5	5	M6x0.75	30.2	16	125	61	89	101	40.5	22	6	50	52	7300	4760	3000	0.28
16	<b>63016RB</b>	<b>68016RB</b>	30	18.5	11	17	28.5	5	M6x0.75	30.2	16	125	61	89	101	40.5	22	6	50	52	7300	4760	3000	0.28
17	<b>63203RB</b>	<b>68203RB</b>	30	18.5	11	17	28.5	5	M6x0.75	30.2	16	125	61	89	101	40.5	22	6	50	52	7300	4760	3000	0.28
20	<b>63204RB</b>	<b>68204RB</b>	31	18	11	17	33.3	5	M6x0.75	33.3	16	127	67	91	103	41.6	23.6	7.5	50.5	52.5	9850	6580	3200	0.33
25	<b>63205RB</b>	<b>68205RB</b>	35	20	11	17	38	5	M6x0.75	36.5	16	135	72.5	97	109	43.6	23.6	7.5	55	57	10800	7800	3600	0.42
30	<b>63206RB</b>	<b>68206RB</b>	41	24	13	22	44.5	6.2	M8x1.00	42.9	22	156	87	111	129	50.9	26.9	9	65	67	15000	11300	5500	0.55
35	<b>63207RB</b>	<b>68207RB</b>	45	25.5	13	22	55.6	7	M10x1.25	47.6	21.5	164	95	117	135	55.1	29.6	9.5	67	69	19700	15300	6000	0.78
40	<b>63208RB</b>	<b>68208RB</b>	48	20	13	22	60.3	7	M10x1.25	49.2	21.5	179	100	129	147	54.6	34.6	9	63	65	22400	17900	5800	0.97

The dimension of the housings related to codes printed in bold letters are unified according to international standards.

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple (available upon request) quick coupler to take semi-rigid hoses Ø 4 mm in Rilsan (see accessories on page 144).
- 4 Clip-on safety cap (accessory). Open version achievable by pressing in the shaft against the internal side of the cap.
- 5 Threaded bush.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

### VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel or stainless steel.
- Grease-nipple in nickel plated brass or stainless steel.
- Safety cap in polypropylene (accessory).
- Threaded bush in nickel plated brass.

### VERSION IN POLYPROPYLENE (PP) MATERIALS

- Reinforced polypropylene housing.
- High quality ball bearing in stainless steel.
- Grease-nipple in stainless steel.
- Safety cap in polypropylene (accessory).
- Threaded bush in nickel plated brass.

## COLOUR

- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



**Compact pillow block series UCPA for plain shafts d 20-25-30 mm**



see also... Features: page 148

Lubrication/maintenance: 149

Mounting instructions: 151

Calculation of load capacity and bearing life: 153

Accessories: 144

Chemical resistance: 160

## TECHNICAL INFORMATION

### Resistance to corrosion:

- Polyamide version (PA): good resistance to many corrosive chemicals such as water, oils, greases, petrol, milk, wine, alcoholic beverages.
- Polypropylene version (PP): good resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.

### Load capacity:

- Polyamide version (PA): high load capacity.
- Polypropylene version (PP): low capacity.

### Continuous operating temperature:

- Polyamide version (PA): from -20°C to +90°C.
  - Polypropylene version (PP): from -20°C to +70°C.
- Both versions maintain good dimensional stability at the maximum indicated temperature.

### Economical operation.

Long life, maintenance free.

### Self-alignment:

Max. misalignment between shaft and housing: 2.5°.

### Concept and design to meet all safety requirements.

### Interchangeability:

Interchangeable with standard cast iron flanged supports.



accessory



series UCPA



Plain Shaft



Ø mm

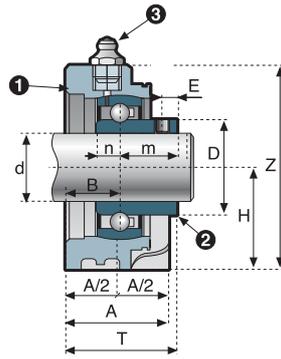
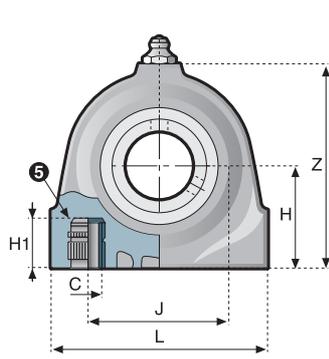


Polyamide

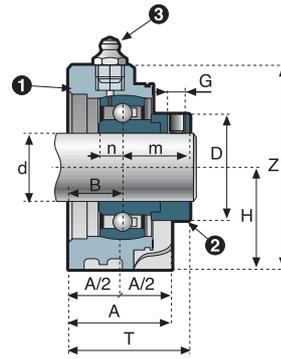


Polypropylene

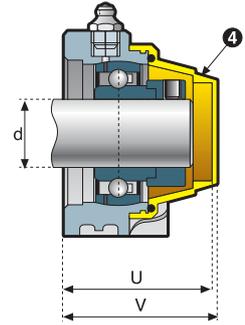
# Series UCPA



version with grub screws



version with eccentric ring



Ø d mm	code version (PA)	safety cap code	dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)		
			A	B	C	D	E	G	H	H1	L	Z	J	T	m	n	U	V			dynamic C (N)	static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																						
20	<b>53204A</b>	50008	32	17.5	M8	28.5	5.4	M6x0.75	33.3	16	70	65	50.8	35.7	18.2	7	49	51	9850	6580	6500	0.30
25	<b>53205A</b>	50007	36	19.5	M10	34	5.4	M6x0.75	36.5	16	75	72	50.8	39	19.5	7.5	54	56	10800	7800	7800	0.37
30	<b>53206A</b>	50003A	40	20	M10	40	5.9	M6x0.75	42.9	24	98	85	76.2	42	22	8	59	61	15000	11300	11000	0.50
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																						
20	<b>53204AB</b>	50008	32	17.5	M8	33.3	5	M6x0.75	33.3	16	70	65	50.8	41.1	23.6	7.5	49	51	9850	6580	6500	0.33
25	<b>53205AB</b>	50007	36	19.5	M10	38	5	M6x0.75	36.5	16	75	72	50.8	43.1	23.6	7.5	54	56	10800	7800	7800	0.42
30	<b>53206AB</b>	50003A	40	20	M10	44.5	6.2	M8x1.00	42.9	24	98	85	76.2	46.9	26.9	9	59	61	15000	11300	11000	0.55

Ø d mm	code version		safety cap code	dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing		weight (Kg)		
	PA	PP		A	B	C	D	E	G	H	H1	L	Z	J	T	m	n	U	V	dynamic C (N)	static Co (N)		PA (N)	PP (N)
<b>STAINLESS STEEL BEARING (with grub screws)</b>																								
20	<b>53204A/SS</b>	<b>63204A</b>	50008	32	17.5	M8	28.5	5.4	M6x0.75	33.3	16	70	65	50.8	35.7	18.2	7.6	49	51	7300	4900	6500	3200	0.30
25	<b>53205A/SS</b>	<b>63205A</b>	50007	36	19.5	M10	34	5.4	M6x0.75	36.5	16	75	72	50.8	39.3	19.8	7.6	54	56	8100	5800	7800	3600	0.37
30	<b>53206A/SS</b>	<b>63206A</b>	50003A	40	20	M10	40	5.9	M6x0.75	42.9	24	98	85	76.2	42.2	22.2	9	59	61	11250	8400	11000	5500	0.50

The dimension of the housings related to codes printed in bold letters are unified according to international standards.

# Series UCPA-R



**Compact pillow block series UCPA-R for plain shafts d 20-25-30 mm**



**see also...** Features: page 148

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Lubrication/maintenance: 149

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Mounting instructions: 151

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Calculation of load capacity and bearing life: 153

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Accessories: 144

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Chemical resistance: 160

## TECHNICAL INFORMATION

- **Complete sealed units.**
- **Resistance to corrosion:**
  - Polyamide version (PA): good resistance to many corrosive chemicals such as water, oils, greases, petrol, milk, wine, alcoholic beverages.
  - Polypropylene version (PP): excellent resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.
- **Load capacity:**
  - Polyamide version (PA): high load capacity.
  - Polypropylene version (PP): low capacity.
- **Continuous operating temperature:**
  - Polyamide version (PA): from -20°C to +90°C.
  - Polypropylene version (PP): from -20°C to +70°C.

Both versions maintain good dimensional stability at the maximum indicated temperature.
- **Economical operation.**  
Long life, maintenance free.
- **Self-alignment:**  
Max. misalignment between shaft and housing: 2°.
- **Concept and design to meet all safety requirements.**
- **Interchangeability:**  
Interchangeable with standard cast iron flanged supports.

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple (available upon request) quick coupler to take semi-rigid hoses Ø 4 mm in Rilsan (see accessories on page 144).
- 4 Clip-on safety cap (closed version).
- 5 Clip-on safety cap (open version).
- 6 Threaded bush.
- 7 Rotary shaft seal ring with extra dust-protection lip.
- 8 Heavy duty O-Ring.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

### VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel.
- Grease-nipple in nickel plated brass.
- Safety cap in polypropylene.
- Threaded bush in nickel plated brass.
- Seal and O-Ring in NBR-rubber.

### VERSION IN POLYPROPYLENE (PP) MATERIALS

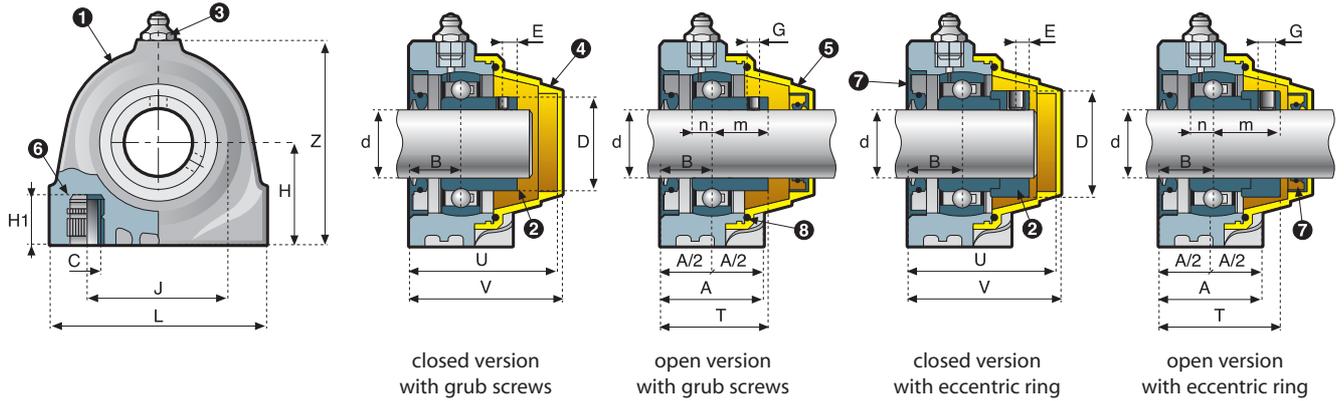
- Reinforced polypropylene housing.
- High quality ball bearing in chrome steel.
- Grease-nipple in stainless steel.
- Safety cap in polypropylene.
- Threaded bush in nickel plated brass.
- Seal and O-Ring in VITON-rubber.

## COLOUR

- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



# Series UCPA-R



Ø d mm	code version		dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)		
	closed	open	A	B	C	D	E	G	H	H1	L	Z	J	T	m	n	U	V			dynamic C (N)	static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS VERSION IN POLYAMIDE - PA -</b>																						
20	<b>53204AR</b>	<b>58204AR</b>	32	17.5	M8	28.5	5.4	M6x0.75	33.3	16	70	65	50.8	35.7	18.2	7	49	51	9850	6580	6500	0.36
25	<b>53205AR</b>	<b>58205AR</b>	36	19.5	M10	34	5.4	M6x0.75	36.5	16	75	72	50.8	39	19.5	7.5	54	56	10800	7800	7800	0.41
30	<b>53206AR</b>	<b>58206AR</b>	40	20	M10	40	5.9	M6x0.75	42.9	24	98	85	76.2	42	22	8	59	61	15000	11300	11000	0.56
<b>SHAFT LOCKING WITH ECCENTRIC RING VERSION IN POLYAMIDE - PA -</b>																						
20	<b>53204ARB</b>	<b>58204ARB</b>	32	17.5	M8	33.3	5	M6x0.75	33.3	16	70	65	50.8	41.1	23.6	7.5	49	51	9850	6580	6500	0.40
25	<b>53205ARB</b>	<b>58205ARB</b>	36	19.5	M10	38	5	M6x0.75	36.5	16	75	72	50.8	43.1	23.6	7.5	54	56	10800	7800	7800	0.45
30	<b>53206ARB</b>	<b>58206ARB</b>	40	20	M10	44.5	6.2	M8x1.00	42.9	24	98	85	76.2	46.9	26.9	9	59	61	15000	11300	11000	0.60

Ø d mm	code version		dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PP (N)	weight (Kg)		
	closed	open	A	B	C	D	E	G	H	H1	L	Z	J	T	m	n	U	V			dynamic C (N)	static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS VERSION IN POLYPROPYLENE -PP-</b>																						
20	<b>63204AR</b>	<b>68204AR</b>	32	17.5	M8	28.5	5.4	M6x0.75	33.3	16	70	65	50.8	35.7	18.2	7	49	51	9850	6580	3200	0.36
25	<b>63205AR</b>	<b>68205AR</b>	36	19.5	M10	34	5.4	M6x0.75	36.5	16	75	72	50.8	39	19.5	7.5	54	56	10800	7800	3600	0.41
30	<b>63206AR</b>	<b>68206AR</b>	40	20	M10	40	5.9	M6x0.75	42.9	24	98	85	76.2	42	22	8	59	61	15000	11300	5500	0.56
<b>SHAFT LOCKING WITH ECCENTRIC RING VERSION IN POLYPROPYLENE -PP-</b>																						
20	<b>63204ARB</b>	<b>68204ARB</b>	32	17.5	M8	33.3	5	M6x0.75	33.3	16	70	65	50.8	41.1	23.6	7.5	49	51	9850	6580	3200	0.40
25	<b>63205ARB</b>	<b>68205ARB</b>	36	19.5	M10	38	5	M6x0.75	36.5	16	75	72	50.8	43.1	23.6	7.5	54	56	10800	7800	3600	0.45
30	<b>63206ARB</b>	<b>68206ARB</b>	40	20	M10	44.5	6.2	M8x1.00	42.9	24	98	85	76.2	46.9	26.9	9	59	61	15000	11300	5500	0.60

The dimension of the housings related to codes printed in bold letters are unified according to international standards.

# Series UCFA



**Flanged bearing with solid housings series UCFA for plain shafts d 20-25-30 mm**



see also... Features: page 148

Lubrication/maintenance: 149

Mounting instructions: 151

Calculation of load capacity and bearing life: 153

Accessories: 144

Chemical resistance: 160

## TECHNICAL INFORMATION

- **Resistance to corrosion.**
- **High load capacity.**
- **Good dimensional stability at the maximum indicated temperature**
- **Self-alignment:**  
Max misalignment between shaft and housing: 2.5°.
- **Low maintenance and trouble-free operation.**
- **Easy Cleaning.**
- **Ball bearing pre-lubricated with long-life grease, which is ideal in applications within humid conditions, water, alkaline or acid solutions.**
- **Concept and design to meet all safety requirements.**
- **Interchangeable :**  
Interchangeable with standard cast iron flanged supports.
- **Application in the food, beverage and pharmaceutical industry.**

**New line of flange bearings created through new technology which will help equipment builders meet the requirements of the USDA and other government agencies as they relate to the prevention of contamination of food products and the growth of bacteria.**

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple.
- 4 Clip-on safety cap (accessory). Open version achievable by pressing in the shaft against the internal side of the cap.
- 5 Spacers to reinforce bolt holes.
- 6 Washer for grease - nipple

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

## VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel or stainless steel.
- Grease-nipple in nickel plated brass or stainless steel.
- Safety cap in polypropylene (accessory).
- Spacers in nickel plated brass.
- Washer in polyethylene.

## COLOUR

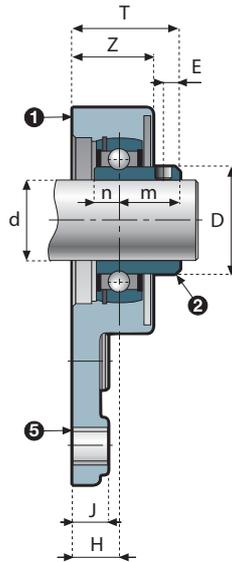
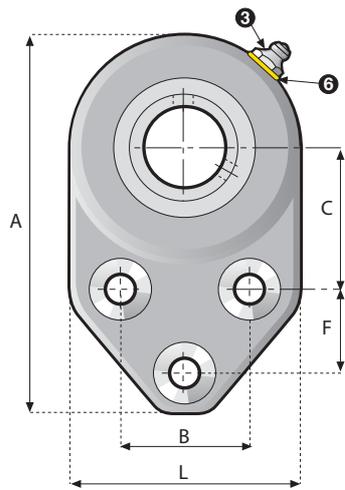
- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



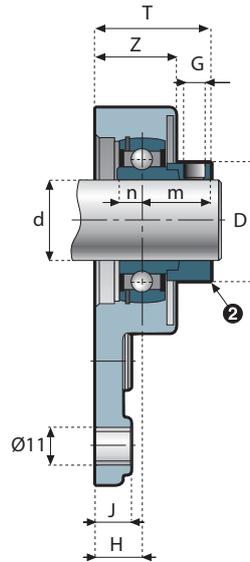
accessory



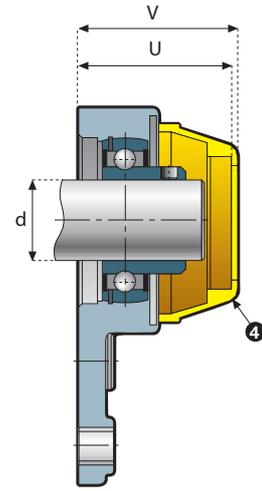
# Series UCFA



version with grub screws



version with eccentric ring



Ø d mm	code version		dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)		
	closed	open	A	B	C	D	E	F	G	H	L	Z	J	T	m	n	U	V			dynamic C (N)	static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																						
20	52205FA	50013	125	41.3	46	28.5	5.4	28.6	M6x0.75	17	69	27.5	12.5	35.2	18.2	7	49.5	51.5	9500	6580	9500	0.30
25	<b>52205F</b>	50009	125	41.3	46	34	5.4	28.6	M6x0.75	16	69	27.5	12.5	35.5	19.5	7.5	52.5	54.5	10800	7800	9000	0.35
25	52206FA	50010	140.5	47.6	52.4	34	5.4	31.7	M6x0.75	18	84	29.5	12.5	37.5	19.5	7.5	56.5	58.5	10800	7800	10000	0.40
30	<b>52206F</b>	50010	140.5	47.6	52.4	40	5.9	31.7	M6x0.75	17	84	29.5	12.5	39	22	8	56.5	58.5	15000	11300	10000	0.45
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																						
20	52205FBA	50013	125	41.3	46	33.3	5	28.6	M6x0.75	17	69	27.5	12.5	40.6	23.6	7.5	49.5	51.5	9500	6580	9500	0.35
25	<b>52205FB</b>	50009	125	41.3	46	38	5	28.6	M6x0.75	16	69	27.5	12.5	39.6	23.6	7.5	52.5	54.5	10800	7800	9000	0.40
25	52206FBA	50010	140.5	47.6	52.4	38	5	31.7	M6x0.75	18	84	29.5	12.5	41.6	23.6	7.5	56.5	58.5	10800	7800	10000	0.45
30	<b>52206FB</b>	50010	140.5	47.6	52.4	44.5	6.2	31.7	M8x1.00	17	84	29.5	12.5	43.9	26.9	9	56.5	58.5	15000	11300	10000	0.50
<b>STAINLESS STEEL BEARING (with grub screws)</b>																						
20	52205FA/SS	50013	125	41.3	46	28.5	5.4	28.6	M6x0.75	17	69	27.5	12.5	35.2	18.2	7.6	49.5	51.5	9500	6580	9500	0.30
25	<b>52205F/SS</b>	50009	125	41.3	46	34	5.4	28.6	M6x0.75	16	69	27.5	12.5	35.8	19.8	7.6	52.5	54.5	8100	5800	9000	0.35
25	52206FA/SS	50010	140.5	47.6	52.4	34	5.4	31.7	M6x0.75	18	84	29.5	12.5	37.8	19.8	7.6	56.5	58.5	8100	5800	10000	0.40
30	<b>52206F/SS</b>	50010	140.5	47.6	52.4	40	5.9	31.7	M6x0.75	17	84	29.5	12.5	39.2	22.2	9	56.5	58.5	11250	8400	10000	0.45

The dimension of the housings related to codes printed in bold letters are unified according to international standards.

# Series UCFA-R



**Flanged bearing with solid housings series UCFA-R for plain shafts d 20-25-30 mm**



**see also...**

Features:	page 148
Lubrication/maintenance:	149
Mounting instructions:	151
Calculation of load capacity and bearing life:	153
Accessories:	144
Chemical resistance:	160

## TECHNICAL INFORMATION

- **Complete sealed units.**
- **Resistance to corrosion.**
- **High load capacity.**
- **Good dimensional stability at the maximum indicated temperature.**
- **Self-alignment:**  
Max.misalignment between shaft and housing: 2.0°.
- **Low maintenance and trouble-free operation.**
- **Easy cleaning.**
- **Ball bearing pre-lubricated with long-life grease, which is ideal in applications within humid conditions, water, alkaline or acid solutions.**
- **Concept and design to meet all safety requirements.**
- **Interchangeability:**  
Interchangeable with standard cast iron flanged supports.
- **Application in the food, beverage and pharmaceutical industry.**

**New line of flange bearings created through new technology which will help equipment builders meet the requirements of the USDA and other government agencies as they relate to the prevention of contamination of food products and the growth of bacteria.**

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple.
- 4 Clip-on safety cap (closed version).
- 5 Clip-on safety cap (open version).
- 6 Washer for grease - nipple
- 7 Spacers to reinforce bolt holes.
- 8 Rotary shaft seal ring with extra dust-protection lip.
- 9 Heavy duty O-Ring.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

## VERSION IN POLYETHYLENE MATERIALS

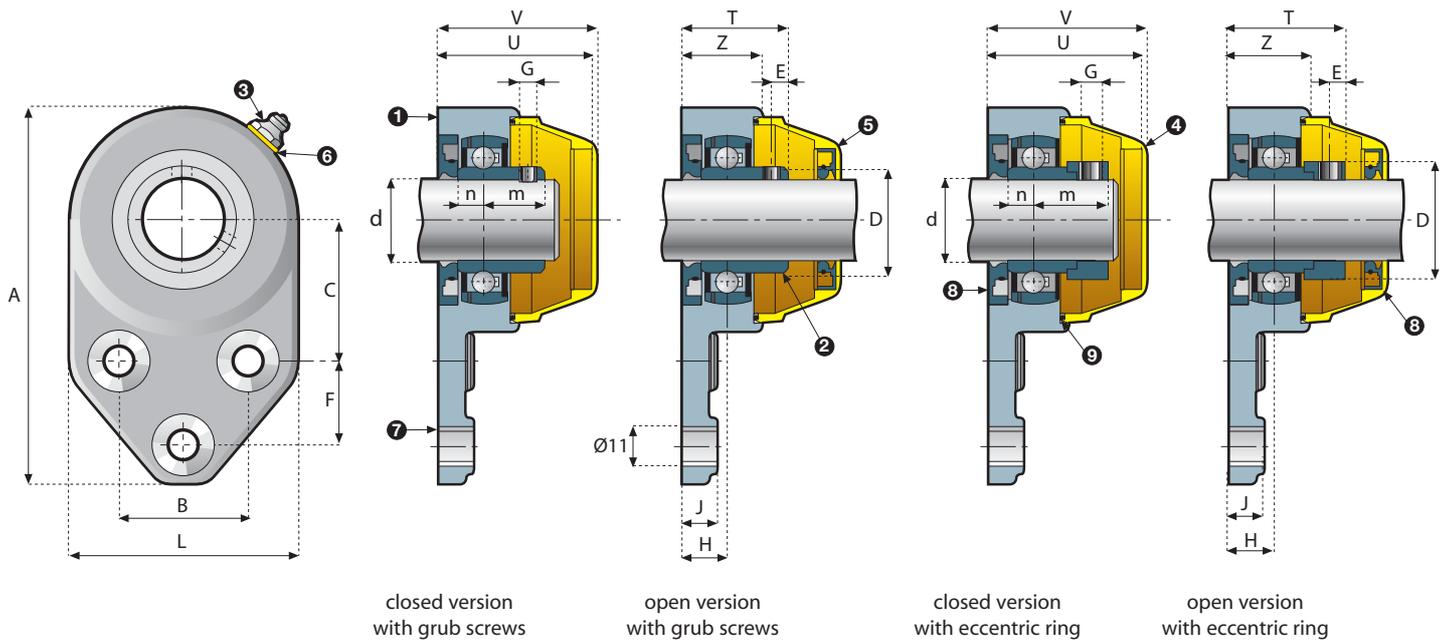
- Reinforced polyamide housing.
- High quality ball bearing in chrome steel.
- Grease-nipple in nickel plated brass.
- Safety cap in polypropylene.
- Spacers in nickel plated brass.
- Seal and O-Ring in NBR-rubber.
- Washer in polyethylene.

## COLOUR

- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



# Series UCFA-R



closed version  
with grub screws

open version  
with grub screws

closed version  
with eccentric ring

open version  
with eccentric ring

Ø d mm	code version		dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)		
	closed	open	A	B	C	D	E	F	G	H	L	Z	J	T	m	n	U	V			dynamic C (N)	static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																						
20	52205FRA	57205FRA	125	41.3	46	28.5	5.4	28.6	M6x0.75	17	69	27.5	12.5	35.2	18.2	7	49.5	51.5	9500	6580	9500	0.35
25	52205FR	57205FR	125	41.3	46	34	5.4	28.6	M6x0.75	16	69	27.5	12.5	35.5	19.5	7.5	52.5	54.5	10800	7800	9000	0.40
25	<b>52206FRA</b>	<b>57206FRA</b>	140.5	47.6	52.4	34	5.4	31.7	M6x0.75	18	84	29.5	12.5	37.5	19.5	7.5	56.5	58.5	10800	7800	10000	0.45
30	52206FR	57206FR	140.5	47.6	52.4	40	5.9	31.7	M6x0.75	17	84	29.5	12.5	39	22	8	56.5	58.5	15000	11300	10000	0.50
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																						
20	52205FRBA	57205FRBA	125	41.3	46	33.5	5	28.6	M6x0.75	17	69	27.5	12.5	40.6	23.6	7.5	49.5	51.5	9500	6580	9500	0.40
25	52205FRB	57205FRB	125	41.3	46	38	5	28.6	M6x0.75	16	69	27.5	12.5	39.6	23.6	7.5	52.5	54.5	10800	5800	9000	0.45
25	<b>52206FRBA</b>	<b>57206FRBA</b>	140.5	47.6	52.4	38	5	31.7	M6x0.75	18	84	29.5	12.5	41.6	23.6	7.5	56.5	58.5	10800	5800	10000	0.50
30	52206FRB	57206FRB	140.5	47.6	52.4	44.3	6.2	31.7	M8x1.00	17	84	29.5	12.5	43.9	26.9	9	56.5	58.5	15000	8400	10000	0.55

The dimension of the housings related to codes printed in bold letters are unified according to international standards.



**Flanged bearing with solid housings series UCFG for plain shafts d 25-30-35 mm**



see also... Features: page 148

Lubrication/maintenance: 149

Mounting instructions: 151

Calculation of load capacity and bearing life: 153

Accessories: 144

Chemical resistance: 160

## TECHNICAL INFORMATION

- **Resistance to corrosion.**
- **High load capacity.**
- **Good dimensional stability at the maximum indicated temperature**
- **Self-alignment:**  
Max misalignment between shaft and housing: 2.5°.
- **Low maintenance and trouble-free operation.**
- **Easy Cleaning.**
- **Ball bearing pre-lubricated with long-life grease, which is ideal in applications within humid conditions, water, alkaline or acid solutions.**
- **Concept and design to meet all safety requirements.**
- **Interchangeable :**  
Interchangeable with standard cast iron flanged supports.
- **Application in the food, beverage and pharmaceutical industry.**

New line of flange bearings created through new technology which will help equipment builders meet the requirements of the FDA and other government agencies as they relate to the prevention of contamination of food products and the growth of bacteria.

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple.
- 4 Clip-on safety cap (accessory). Open version achievable by pressing in the shaft against the internal side of the cap.
- 5 Spacers to reinforce bolt holes.
- 6 Washer for grease - nipple.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

## VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel or stainless steel.
- Grease-nipple in nickel plated brass or stainless steel.
- Safety cap in polypropylene (accessory).
- Spacers in nickel plated brass.
- Washer in polyethylene.

## COLOUR

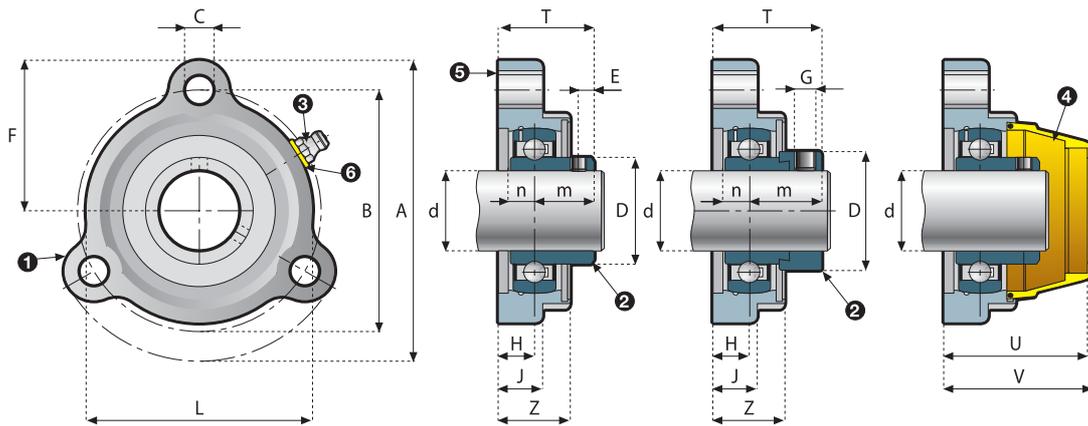
- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



accessory



# Series **UCFG**



version with grub screws

version with eccentric ring

Ø d mm	code version (PA)	safety cap code	dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)		
			A	B	C	D	E	F	G	H	L	J	Z	T	m	n	U	V			dynamic C (N)	static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																						
25	<b>52205G</b>	50009	95.5	76.2	8.5	34	5.4	47.7	M6x0.75	13.5	71	16.5	25	33	19.5	7.5	48	50	10800	7800	5000	0.25
30	<b>52206G</b>	50027	113	91	11	40	5.9	56.5	M6x0.75	13.5	84.1	16.5	27	35.5	22	8	54	56	15000	11300	6000	0.30
35	<b>52207G</b>	50010	126.5	101.5	11	46.7	7.4	63.3	M6x0.75	18	93.7	16.5	33	43.5	25.5	9.5	60	62	19700	15300	8000	0.35

<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																						
25	<b>52205GB</b>	50009	95.5	76.2	8.5	38	5	47.7	M6x0.75	13.5	71	16.5	25	37.1	23.6	7.5	48	50	10800	7800	5000	0.30
30	<b>52206GB</b>	50027	113	91	11	44.5	6.2	56.5	M8x1.00	13.5	84.1	16.5	27	40.4	26.9	9	54	56	15000	11300	6000	0.35
35	<b>52207GB</b>	50010	126.5	101.5	11	55.6	7	63.3	M10x1.25	18	93.7	16.5	33	47.6	29.6	9.5	60	62	19700	15300	8000	0.40

Ø d mm	code version (PA)	safety cap code	dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)		
			A	B	C	D	E	F	G	H	L	J	Z	T	m	n	U	V			dynamic C (N)	static Co (N)
<b>STAINLESS STEEL BEARING (with grub screws)</b>																						
25	<b>52205G/SS</b>	50009	95.5	76.2	8.5	34	5.4	47.7	M6x0.75	13.5	71	16.5	25	33.3	19.8	7.6	48	50	8100	5800	5000	0.25
30	<b>52206G/SS</b>	50027	113	91	11	40	5.9	56.5	M6x0.75	13.5	84.1	16.5	27	35.7	22.2	9	54	56	11250	8400	6000	0.30
35	<b>52207G/SS</b>	50010	126.5	101.5	11	46.7	7.4	63.3	M6x0.75	18	93.7	16.5	33	43.4	25.4	9.6	60	62	14700	11400	8000	0.35

The dimension of the housings related to codes printed in bold letters are unified according to international standards.

# Series UCFG-R



**Flanged bearing with solid housings series UCFG-R for plain shafts d 25-30-35 mm**



see also... Features: page 148

Lubrication/maintenance: 149

Mounting instructions: 151

Calculation of load capacity and bearing life: 153

Accessories: 144

Chemical resistance: 160

## TECHNICAL INFORMATION

- **Complete sealed units.**
- **Resistance to corrosion.**
- **High load capacity.**
- **Good dimensional stability at the maximum indicated temperature**
- **Self-alignment:**  
Max misalignment between shaft and housing: 2.5°.
- **Low maintenance and trouble-free operation.**
- **Easy Cleaning.**
- **Ball bearing pre-lubricated with long-life grease, which is ideal in applications within humid conditions, water, alkaline or acid solutions.**
- **Concept and design to meet all safety requirements.**
- **Interchangeable :**  
Interchangeable with standard cast iron flanged supports.
- **Application in the food, beverage and pharmaceutical industry.**

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple.
- 4 Clip-on safety cap (closed version).
- 5 Clip-on safety cap (open version).
- 6 Washer for grease - nipple
- 7 Spacers to reinforce bolt holes.
- 8 Rotary shaft seal ring with extra dust-protection lip.
- 9 Heavy duty O-Ring.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

## VERSION IN POLYETHYLENE MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel.
- Grease-nipple in nickel plated brass.
- Safety cap in polypropylene.
- Spacers in nickel plated brass.
- Seal and O-Ring in NBR-rubber.
- Washer in polyethylene.

## COLOUR

- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



series UCFG-R



Plain Shaft



Ø mm

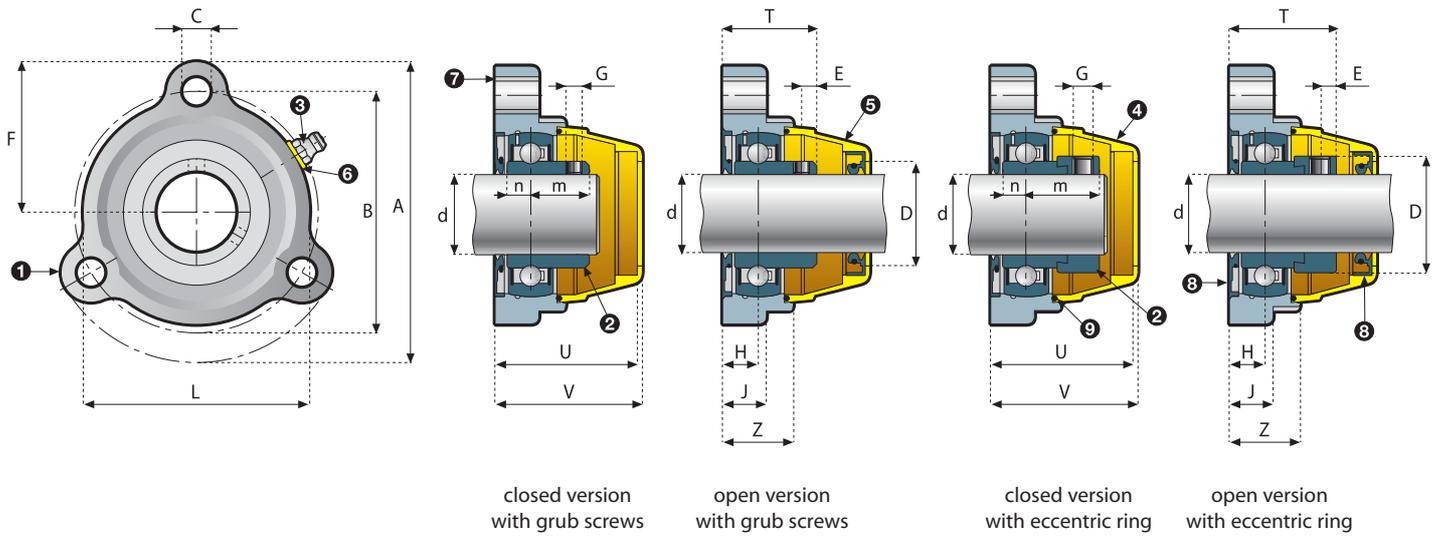


Waterproof



Polyamide

# Series **UCFG-R**



Ø d mm	code version		dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)		
	closed	open	A	B	C	D	E	F	G	H	L	J	Z	T	m	n	U	V			dynamic C (N)	static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																						
25	<b>52205GR</b>	<b>57205GR</b>	95.5	76.2	8.5	34	5.4	47.7	M6x0.75	13.5	71	16.5	25	33	19.5	7.5	48	50	10800	7800	5000	0.30
30	<b>52206GR</b>	<b>57206GR</b>	113	91	11	40	5.9	56.5	M6x0.75	13.5	84.1	16.5	27	35.5	22	8	54	56	15000	11300	6000	0.35
35	<b>52207GR</b>	<b>57207GR</b>	126.5	101.5	11	46.7	7.4	63.3	M6x0.75	18	93.7	16.5	33	43.5	25.5	9.5	60	62	19700	15300	8000	0.40
<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																						
25	<b>52205GRB</b>	<b>57205GRB</b>	95.5	76.2	8.5	38	5	47.7	M6x0.75	13.5	71	16.5	25	37.1	23.6	7.5	48	50	10800	7800	5000	0.35
30	<b>52206GRB</b>	<b>57206GRB</b>	113	91	11	44.5	6.2	56.5	M8x1.00	13.5	84.1	16.5	27	40.4	26.9	9	54	56	15000	11300	6000	0.40
35	<b>52207GRB</b>	<b>57207GRB</b>	126.5	101.5	11	55.6	7	63.3	M10x1.25	18	93.7	16.5	33	47.6	29.6	9.5	60	62	19700	15300	8000	0.45

The dimension of the housings related to codes printed in bold letters are unified according to international standards.



**Take-up support series UCT for plain shafts d 20-25-30-35 mm**



**see also...**

Features: page 148
Lubrication/maintenance: 149
Mounting instructions: 151
Calculation of load capacity and bearing life: 153
Accessories: 144
Chemical resistance: 160

## TECHNICAL INFORMATION

- **Resistance to corrosion:**
  - Polyamide version (PA): good resistance to many corrosive chemicals such as water, oils, greases, petrol, milk, wine, alcoholic beverages.
  - Polypropylene version (PP): good resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.
- **Load capacity:**
  - Polyamide version (PA): high load capacity.
  - Polypropylene version (PP): low capacity.
- **Continuous operating temperature:**
  - Polyamide version (PA): from -20°C to +90°C.
  - Polypropylene version (PP): from -20°C to +70°C.

Both versions maintain good dimensional stability at the maximum indicated temperature.
- **Economical operation.**  
Long life, maintenance free.
- **Self-alignment:**  
Max. misalignment between shaft and housing: 2.5°.
- **Concept and design to meet all safety requirements.**
- **Interchangeability:**  
Interchangeable with standard cast iron flanged supports.



accessory

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple.
- 4 Clip-on safety cap (accessory). Open version achievable by pressing in the shaft against the internal side of the cap.
- 5 Washer for grease-nipple.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

### VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel or stainless steel.
- Grease-nipple in nickel plated brass or stainless steel.
- Safety cap in polypropylene (accessory).
- Washer in polyethylene.

### VERSION IN POLYPROPYLENE (PP) MATERIALS

- Reinforced polypropylene housing.
- High quality ball bearing in stainless steel.
- Grease-nipple in stainless steel.
- Safety cap in polypropylene (accessory).
- Washer in polyethylene.

## COLOUR

- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



series UCT



Plain Shaft



Ø mm

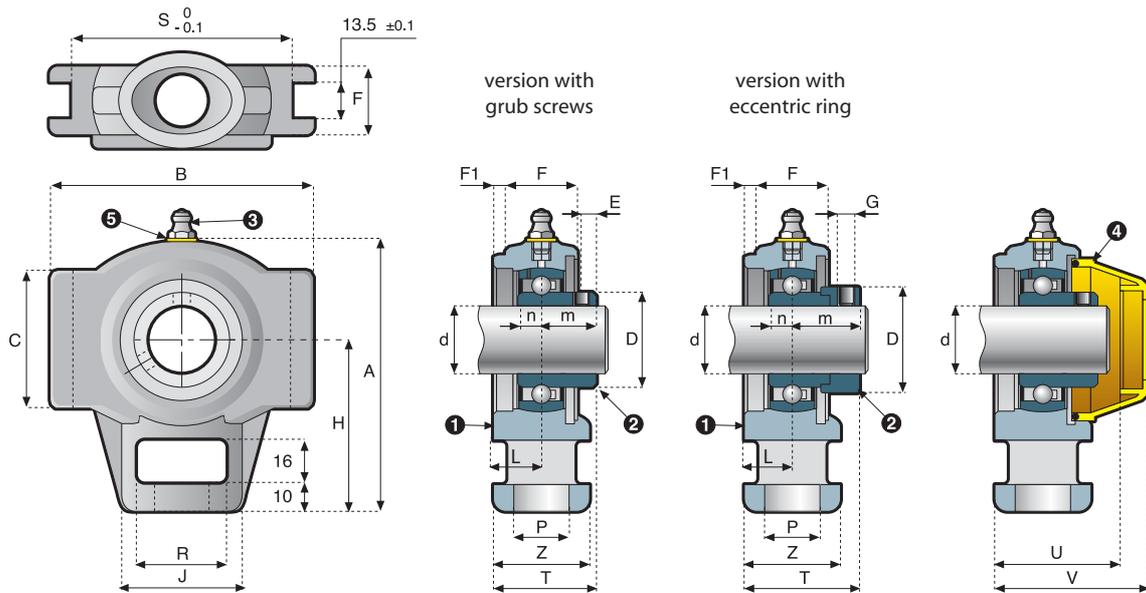


Polyamide



Polypropylene

# Series UCT



Ø d mm	code version (PA)	safety cap code	dimensions (mm)																	bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)			
			A	B	C	D	E	F	F1	G	H	L	ØP	R	S	J	Z	T	m	n	U			V	dynamic C (N)	static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																										
20	<b>52204T</b>	50009	97.5	92	50	28.5	5.4	25	4.5	M6x0.75	62	17	19	32	76	45	34	35.2	18.2	7	44.5	54.5	9850	6580	7800	0.30
25	<b>52205T</b>	50009	97.5	92	50	34	5.4	25	4.5	M6x0.75	62	17	19	32	76	45	34	36.5	19.5	7.5	44.5	54.5	10800	7800	6500	0.35
30	<b>52206T</b>	50010	118	104	57	40	5.9	28	4.5	M6x0.75	72	18.5	22	37	89	56	37	40.5	22	8	51.5	61.5	15000	11300	12000	0.45
35	<b>52207T</b>	50010	118	104	57	46.7	7.4	28	4.5	M6x0.75	72	18.5	22	37	89	56	37	44	25.5	9.5	51.5	61.5	19700	15300	10000	0.55

<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																										
20	<b>52204TB</b>	50009	97.5	92	50	33.3	5	25	4.5	M6x0.75	62	17	19	32	76	45	34	40.6	23.6	7.5	44.5	54.5	9850	6580	7800	0.38
25	<b>52205TB</b>	50009	97.5	92	50	38	5	25	4.5	M6x0.75	62	17	19	32	76	45	34	40.6	23.6	7.5	44.5	54.5	10800	7800	6500	0.40
30	<b>52206TB</b>	50010	118	104	57	44.5	6.2	28	4.5	M8x1.00	72	18.5	22	37	89	56	37	45.4	26.9	9	51.5	61.5	15000	11300	12000	0.50
35	<b>52207TB</b>	50010	118	104	57	55.6	7	28	4.5	M10x1.25	72	18.5	22	37	89	56	37	48.1	29.6	9.5	51.5	61.5	19700	15300	10000	0.60

Ø d mm	code version		safety cap code	dimensions (mm)																	bearing load ratings		max. radial load capacity on plastic housing		weight (Kg)			
	PA	PP		A	B	C	D	E	F	F1	G	H	L	ØP	R	S	J	Z	T	m	n	U	V	dynamic C (N)		static Co (N)	PA (N)	PP (N)
<b>STAINLESS STEEL BEARING (with grub screws)</b>																												
20	<b>52204T/SS</b>	<b>62204T</b>	50009	97.5	92	50	28.5	5.4	25	4.5	M6x0.75	62	17	19	32	76	45	34	35.2	18.2	7.6	44.5	54.5	7300	4900	7800	3200	0.30
25	<b>52205T/SS</b>	<b>62205T</b>	50009	97.5	92	50	34	5.4	25	4.5	M6x0.75	62	17	19	32	76	45	34	36.8	19.8	7.6	44.5	54.5	8100	5800	6500	3000	0.35
30	<b>52206T/SS</b>	<b>62206T</b>	50010	118	104	57	40	5.9	28	4.5	M6x0.75	72	18.5	22	37	89	56	37	40.7	22.2	9	51.5	61.5	11250	8400	12000	3500	0.45
35	<b>52207T/SS</b>	<b>62207T</b>	50010	118	104	57	46.7	7.4	28	4.5	M6x0.75	72	18.5	22	37	89	56	37	43.9	25.4	9.6	51.5	61.5	14700	11400	10000	3600	0.55

The dimension of the housings related to codes printed in bold letters are unified according to international standards.

# Series UCT-R



**Take-up support series UCT-R for plain shafts d 20-25-30-35 mm**



**see also...** Features: page 148

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Lubrication/maintenance: 149

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Mounting instructions: 151

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Calculation of load capacity and bearing life: 153

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Accessories: 144

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Chemical resistance: 160

## TECHNICAL INFORMATION

- **Complete sealed units.**
- **Resistance to corrosion:**
  - Polyamide version (PA): good resistance to many corrosive chemicals such as water, oils, greases, petrol, milk, wine, alcoholic beverages.
  - Polypropylene version (PP): excellent resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.
- **Load capacity:**
  - Polyamide version (PA): high load capacity.
  - Polypropylene version (PP): low capacity.
- **Continuous operating temperature:**
  - Polyamide version (PA): from -20°C to +90°C.
  - Polypropylene version (PP): from -20°C to +70°C.

Both versions maintain good dimensional stability at the maximum indicated temperature.
- **Economical operation.**  
Long life, maintenance free.
- **Self-alignment:**  
Max. misalignment between shaft and housing: 2°.
- **Concept and design to meet all safety requirements.**
- **Interchangeability:**  
Interchangeable with standard cast iron flanged supports.

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple.
- 4 Clip-on safety cap (closed version).
- 5 Clip-on safety cap (open version).
- 6 Washer for grease-nipple.
- 7 Rotary shaft seal ring with extra dust-protection lip.
- 8 Heavy duty O-Ring.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

### VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel.
- Grease-nipple in nickel plated brass.
- Safety cap in polypropylene.
- Washer in polyethylene.
- Seal and O-Ring in NBR-rubber.

### VERSION IN POLYPROPYLENE (PP) MATERIALS

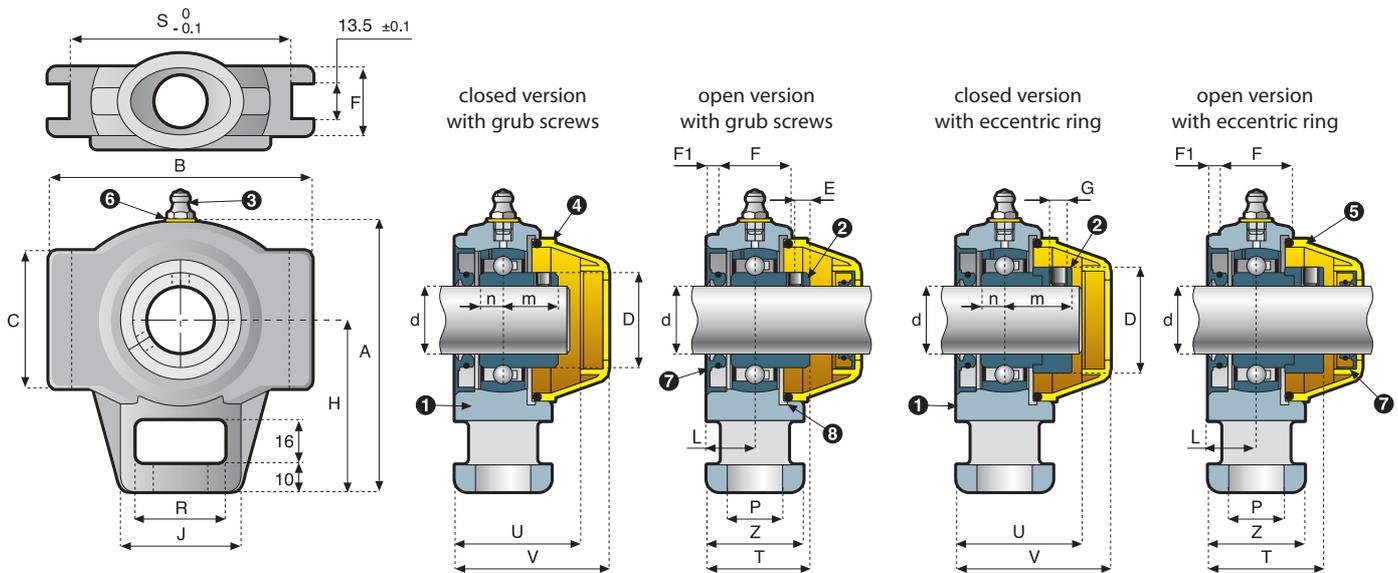
- Reinforced polypropylene housing.
- High quality ball bearing in chrome steel.
- Grease-nipple in stainless steel.
- Safety cap in polypropylene.
- Washer in polyethylene.
- Seal and O-Ring in VITON-rubber.

## COLOUR

- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



# Series UCT-R



Ø d mm	code version		dimensions (mm)																	bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)			
	closed	open	A	B	C	D	E	F	F1	G	H	L	ØP	R	S	J	Z	T	m	n	U			V	dynamic C (N)	static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS VERSION IN POLYAMIDE - PA -</b>																										
20	<b>52204TR</b>	<b>57204TR</b>	97.5	92	50	28.5	5.4	25	4.5	M6x0.75	62	17	19	32	76	45	34	35.2	18.2	7	44.5	54.5	9850	6580	7800	0.30
25	<b>52205TR</b>	<b>57205TR</b>	97.5	92	50	34	5.4	25	4.5	M6x0.75	62	17	19	32	76	45	34	36.5	19.5	7.5	44.5	54.5	10800	7800	6500	0.35
30	<b>52206TR</b>	<b>57206TR</b>	118	104	57	40	5.9	28	4.5	M6x0.75	72	18.5	22	37	89	56	37	40.5	22	8	51.5	61.5	15000	11300	12000	0.45
35	<b>52207TR</b>	<b>57207TR</b>	118	104	57	46.7	7.4	28	4.5	M6x0.75	72	18.5	22	37	89	56	37	44	25.5	9.5	51.5	61.5	19700	15300	10000	0.55

<b>SHAFT LOCKING WITH ECCENTRIC RING VERSION IN POLYAMIDE - PA -</b>																										
20	<b>52204TRB</b>	<b>57204TRB</b>	97.5	92	50	33.3	5	25	4.5	M6x0.75	62	17	19	32	76	45	34	40.6	23.6	7.5	44.5	54.5	9850	6580	7800	0.40
25	<b>52205TRB</b>	<b>57205TRB</b>	97.5	92	50	38	5	25	4.5	M6x0.75	62	17	19	32	76	45	34	40.6	23.6	7.5	44.5	54.5	10800	7800	6500	0.42
30	<b>52206TRB</b>	<b>57206TRB</b>	118	104	57	44.5	6.2	28	4.5	M8x1.00	72	18.5	22	37	89	56	37	45.4	26.9	9	51.5	61.5	15000	11300	12000	0.52
35	<b>52207TRB</b>	<b>57207TRB</b>	118	104	57	55.6	7	28	4.5	M10x1.25	72	18.5	22	37	89	56	37	48.1	29.6	9.5	51.5	61.5	19700	15300	10000	0.62

Ø d mm	code version		dimensions (mm)																	bearing load ratings		max. radial load capacity on plastic housing PP (N)	weight (Kg)			
	closed	open	A	B	C	D	E	F	F1	G	H	L	ØP	R	S	J	Z	T	m	n	U			V	dynamic C (N)	static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS VERSION IN POLYPROPYLENE - PP -</b>																										
20	<b>62204TR</b>	<b>67204TR</b>	97.5	92	50	28.5	5.4	25	4.5	M6x0.75	62	17	19	32	76	45	34	35.2	18.2	7	44.5	54.5	9850	6580	3200	0.30
25	<b>62205TR</b>	<b>67205TR</b>	97.5	92	50	34	5.4	25	4.5	M6x0.75	62	17	19	32	76	45	34	36.5	19.5	7.5	44.5	54.5	10800	7800	3000	0.35
30	<b>62206TR</b>	<b>67206TR</b>	118	104	57	40	5.9	28	4.5	M6x0.75	72	18.5	22	37	89	56	37	40.5	22	8	51.5	61.5	15000	11300	5500	0.45
35	<b>62207TR</b>	<b>67207TR</b>	118	104	57	46.7	7.4	28	4.5	M6x0.75	72	18.5	22	37	89	56	37	44	25.4	9.5	51.5	61.5	19700	15300	3600	0.55

<b>SHAFT LOCKING WITH ECCENTRIC RING VERSION IN POLYPROPYLENE - PP -</b>																										
20	<b>62204TRB</b>	<b>67204TRB</b>	97.5	92	50	33.3	5	25	4.5	M6x0.75	62	17	19	32	76	45	34	40.6	23.6	7.5	44.5	54.5	9850	6580	3200	0.40
25	<b>62205TRB</b>	<b>67205TRB</b>	97.5	92	50	38	5	25	4.5	M6x0.75	62	17	19	32	76	45	34	40.6	23.6	7.5	44.5	54.5	10800	7800	3000	0.42
30	<b>62206TRB</b>	<b>67206TRB</b>	118	104	57	44.5	6.2	28	4.5	M8x1.00	72	18.5	22	37	89	56	37	45.4	26.9	9	51.5	61.5	15000	11300	5500	0.52
35	<b>62207TRB</b>	<b>67207TRB</b>	118	104	57	55.6	7	28	4.5	M10x1.25	72	18.5	22	37	89	56	37	48.1	29.6	9.5	51.5	61.5	19700	15300	3600	0.62

The dimension of the housings related to codes printed in bold letters are unified according to international standards.



**Cartridge support series UCHA for plain shafts d 20-25-30-35 mm**



**see also...** Features: page 148

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Lubrication/maintenance: 149

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Mounting instructions: 151

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Calculation of load capacity and bearing life: 153

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Accessories: 144

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Chemical resistance: 160

## TECHNICAL INFORMATION

- **Resistance to corrosion:**
  - Polyamide version (PA): good resistance to many corrosive chemicals such as water, oils, greases, petrol, milk, wine, alcoholic beverages.
  - Polypropylene version (PP): good resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.
- **Load capacity:**
  - Polyamide version (PA): high load capacity.
  - Polypropylene version (PP): low capacity.
- **Continuous operating temperature:**
  - Polyamide version (PA): from -20°C to +90°C.
  - Polypropylene version (PP): from -20°C to +70°C.

Both versions maintain good dimensional stability at the maximum indicated temperature.
- **Economical operation.**  
Long life, maintenance free.
- **Self-alignment:**  
Max. misalignment between shaft and housing: 2.5°.
- **Concept and design to meet all safety requirements.**
- **Interchangeability:**  
Interchangeable with standard cast iron flanged supports.



accessory

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple.
- 4 Clip-on safety cap (accessory).  
Open version achievable by pressing in the shaft against the internal side of the cap.
- 5 Threaded bush.
- 6 Washer for grease-nipple.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

### VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel or stainless steel.
- Grease-nipple in nickel plated brass or stainless steel.
- Safety cap in polypropylene (accessory).
- Threaded bush in nickel plated brass.
- Washer in polyethylene.

### VERSION IN POLYPROPYLENE (PP) MATERIALS

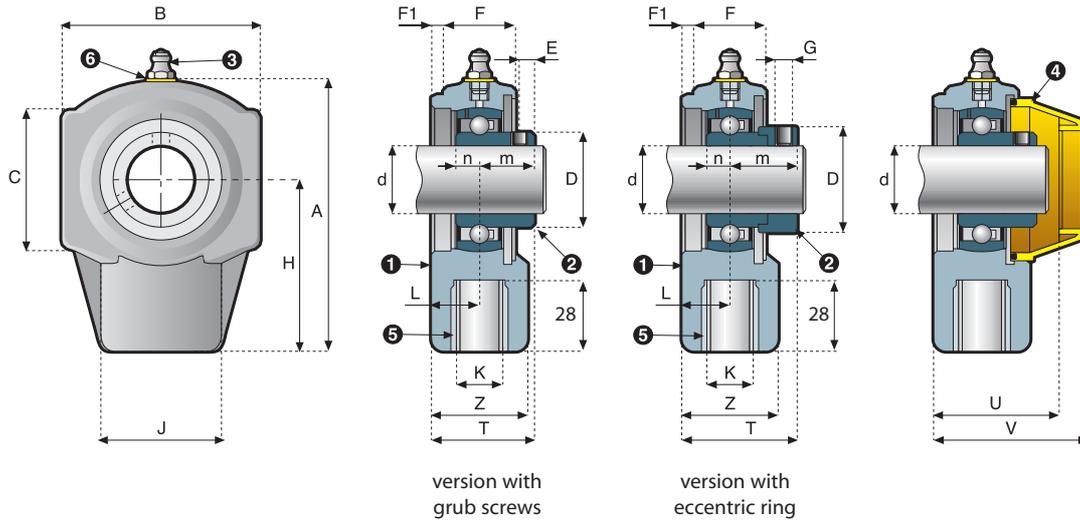
- Reinforced polypropylene housing.
- High quality ball bearing in stainless steel.
- Grease-nipple in stainless steel.
- Safety cap in polyethylene (accessory).
- Threaded bush in nickel plated brass.
- Washer in polyethylene.

## COLOUR

- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



# Series UCHA



version with grub screws

version with eccentric ring

Ø d mm	code version (PA)	safety cap code	dimensions (mm)																	bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)	
			A	B	C	D	E	F	F1	G	H	K	L	J	Z	T	m	n	U	V	dynamic C (N)			static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																								
20	<b>52204A</b>	50009	97.5	65	50	28.5	5.4	25	4.5	M6x0.75	62	M16	17	45	34	35.2	18.2	7	44.5	54.5	9850	6580	10000	0.30
25	<b>52205A</b>	50009	97.5	70	50	34	5.4	25	4.5	M6x0.75	62	M20	17	45	34	36.5	19.5	7.5	44.5	54.5	10800	7800	8500	0.35
30	<b>52206A</b>	50010	118	85	57	40	5.9	28	4.5	M6x0.75	72	M24	18.5	56	37	40.5	22	8	51.5	61.5	15000	11300	14000	0.45
35	<b>52207A</b>	50010	118	90	57	46.7	7.4	28	4.5	M6x0.75	72	M24	18.5	56	37	44	25.5	9.5	51.5	61.5	19700	15300	12000	0.55

<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																								
20	<b>52204AB</b>	50009	97.5	65	50	33.3	5	25	4.5	M6x0.75	62	M16	17	45	34	40.6	23.6	7.5	44.5	54.5	9850	6580	10000	0.38
25	<b>52205AB</b>	50009	97.5	70	50	38	5	25	4.5	M6x0.75	62	M20	17	45	34	40.6	23.6	7.5	44.5	54.5	10800	7800	8500	0.40
30	<b>52206AB</b>	50010	118	85	57	44.5	6.2	28	4.5	M8x1.00	72	M24	18.5	56	37	45.4	26.9	9	51.5	61.5	15000	11300	14000	0.50
35	<b>52207AB</b>	50010	118	90	57	55.6	7	28	4.5	M10x1.25	72	M24	18.5	56	37	48.1	29.6	9.5	51.5	61.5	19700	15300	12000	0.60

Ø d mm	code version		safety cap code	dimensions (mm)																	bearing load ratings		max. radial load capacity on plastic housing		weight (Kg)	
	PA	PP		A	B	C	D	E	F	F1	G	H	K	L	J	Z	T	m	n	U	V	dynamic C (N)	static Co (N)	PA (N)		PP (N)
<b>STAINLESS STEEL BEARING (with grub screws)</b>																										
20	<b>52204A/SS</b>	<b>62204A</b>	50009	97.5	65	50	28.5	5.4	25	4.5	M6x0.75	62	M16	17	45	34	35.2	18.2	7.6	44.5	54.5	7300	4900	10000	3600	0.30
25	<b>52205A/SS</b>	<b>62205A</b>	50009	97.5	70	50	34	5.4	25	4.5	M6x0.75	62	M20	17	45	34	36.8	19.8	7.6	44.5	54.5	8100	5800	8500	3200	0.35
30	<b>52206A/SS</b>	<b>62206A</b>	50010	118	85	57	40	5.9	28	4.5	M6x0.75	72	M24	18.5	56	37	40.7	22.2	9	51.5	61.5	11250	8400	14000	6500	0.45
35	<b>52207A/SS</b>	<b>62207A</b>	50010	118	90	57	46.7	7.4	28	4.5	M6x0.75	72	M24	18.5	56	37	43.9	25.4	9.6	51.5	61.5	14700	11400	12000	5500	0.55

The dimension of the housings related to codes printed in bold letters are unified according to international standards.

# Series UCHA-R



**Cartridge support series UCHA-R for plain shafts**  
d 20-25-30-35 mm



**see also...** Features: page 148

Lubrication/maintenance:	149
Mounting instructions:	151
Calculation of load capacity and bearing life:	153
Accessories:	144
Chemical resistance:	160

## TECHNICAL INFORMATION

- **Complete sealed units.**
- **Resistance to corrosion:**
  - Polyamide version (PA): good resistance to many corrosive chemicals such as water, oils, greases, petrol, milk, wine, alcoholic beverages.
  - Polypropylene version (PP): excellent resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.
- **Load capacity:**
  - Polyamide version (PA): high load capacity.
  - Polypropylene version (PP): low capacity.
- **Continuous operating temperature:**
  - Polyamide version (PA): from -20°C to +90°C.
  - Polypropylene version (PP): from -20°C to +70°C.

Both versions maintain good dimensional stability at the maximum indicated temperature.
- **Economical operation.**  
Long life, maintenance free.
- **Self-alignment:**  
Max. misalignment between shaft and housing: 2°.
- **Concept and design to meet all safety requirements.**
- **Interchangeability:**  
Interchangeable with standard cast iron flanged supports.

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple.
- 4 Clip-on safety cap (closed version).
- 5 Clip-on safety cap (open version).
- 6 Threaded bush.
- 7 Washer for grease-nipple.
- 8 Rotary shaft seal ring with extra dust-protection lip.
- 9 Heavy duty O-Ring.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

### VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel.
- Grease-nipple in nickel plated brass.
- Safety cap in polypropylene.
- Threaded bush in nickel plated brass.
- Washer in polyethylene.
- Seal and O-Ring in NBR-rubber.

### VERSION IN POLYPROPYLENE (PP) MATERIALS

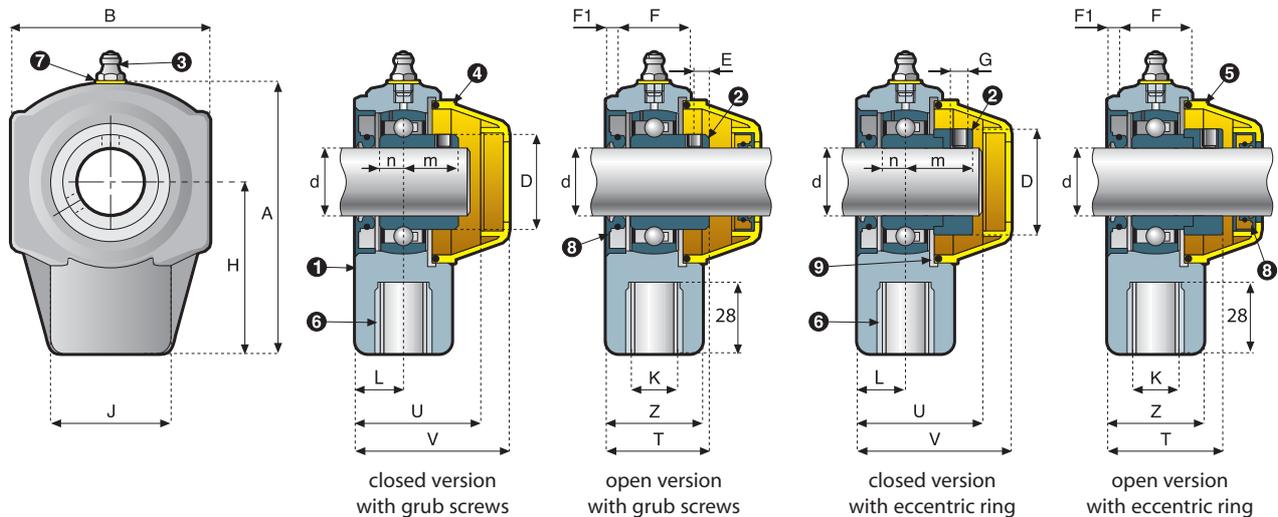
- Reinforced polypropylene housing.
- High quality ball bearing in chrome steel.
- Grease-nipple in stainless steel.
- Safety cap in polypropylene.
- Threaded bush in nickel plated brass.
- Washer in polyethylene.
- Seal and O-Ring in VITON-rubber.

## COLOUR

- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



# Series UCHA-R



Ø d mm	code version		dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)				
	closed	open	A	B	C	D	E	F	F1	G	H	K	L	J	Z	T	m	n			U	V	dynamic C (N)	static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS VERSION IN POLYAMIDE - PA -</b>																								
20	<b>52204AR</b>	<b>57204AR</b>	97.5	65	50	28.5	5.4	25	4.5	M6x0.75	62	M16	17	45	34	35.2	18.2	7	44.5	54.5	9850	6580	10000	0.30
25	<b>52205AR</b>	<b>57205AR</b>	97.5	70	50	34	5.4	25	4.5	M6x0.75	62	M20	17	45	34	36.5	19.5	7.5	44.5	54.5	10800	7800	8500	0.35
30	<b>52206AR</b>	<b>57206AR</b>	118	85	57	40	5.9	28	4.5	M6x0.75	72	M24	18.5	56	37	40.5	22	8	51.5	61.5	15000	11300	14000	0.45
35	<b>52207AR</b>	<b>57207AR</b>	118	90	57	46.7	7.4	28	4.5	M6x0.75	72	M24	18.5	56	37	44	25	9.5	51.5	61.5	19700	15300	12000	0.55

<b>SHAFT LOCKING WITH ECCENTRIC RING VERSION IN POLYAMIDE - PA -</b>																								
20	<b>52204ARB</b>	<b>57204ARB</b>	97.5	65	50	33.3	5	25	4.5	M6x0.75	62	M16	17	45	34	40.6	23.6	7.5	44.5	54.5	9850	6580	10000	0.38
25	<b>52205ARB</b>	<b>57205ARB</b>	97.5	70	50	38	5	25	4.5	M6x0.75	62	M20	17	45	34	40.6	23.6	7.5	44.5	54.5	10800	7800	8500	0.40
30	<b>52206ARB</b>	<b>57206ARB</b>	118	85	57	44.5	6.2	28	4.5	M8x1.00	72	M24	18.5	56	37	45.4	26.9	9	51.5	61.5	15000	11300	14000	0.50
35	<b>52207ARB</b>	<b>57207ARB</b>	118	90	57	55.6	7	28	4.5	M10x1.25	72	M24	18.5	56	37	48.1	29.6	9.5	51.5	61.5	19700	15300	12000	0.60

Ø d mm	code version		dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PP (N)	weight (Kg)				
	closed	open	A	B	C	D	E	F	F1	G	H	K	L	J	Z	T	m	n			U	V	dynamic C (N)	static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS VERSION IN POLYPROPYLENE - PP -</b>																								
20	<b>62204AR</b>	<b>67204AR</b>	97.5	65	50	28.5	5.4	25	4.5	M6x0.75	62	M16	17	45	34	35.2	18.2	7	44.5	54.5	9850	6580	3600	0.30
25	<b>62205AR</b>	<b>67205AR</b>	97.5	70	50	34	5.4	25	4.5	M6x0.75	62	M20	17	45	34	36.5	19.5	7.5	44.5	54.5	10800	7800	3200	0.35
30	<b>62206AR</b>	<b>67206AR</b>	118	85	57	40	5.9	28	4.5	M6x0.75	72	M24	18.5	56	37	40.5	22	8	51.5	61.5	15000	11300	6500	0.45
35	<b>62207AR</b>	<b>67207AR</b>	118	90	57	46.7	7.4	28	4.5	M6x0.75	72	M24	18.5	56	37	44	25	9.5	51.5	61.5	19700	15300	5500	0.55

<b>SHAFT LOCKING WITH ECCENTRIC RING VERSION IN POLYPROPYLENE - PP -</b>																								
20	<b>62204ARB</b>	<b>67204ARB</b>	97.5	65	50	33.3	5	25	4.5	M6x0.75	62	M16	17	45	34	40.6	23.6	7.5	44.5	54.5	9850	6580	3600	0.38
25	<b>62205ARB</b>	<b>67205ARB</b>	97.5	70	50	38	5	25	4.5	M6x0.75	62	M20	17	45	34	40.6	23.6	7.5	44.5	54.5	10800	7800	3200	0.40
30	<b>62206ARB</b>	<b>67206ARB</b>	118	85	57	44.5	6.2	28	4.5	M8x1.00	72	M24	18.5	56	37	45.4	26.9	9	51.5	61.5	15000	11300	6500	0.50
35	<b>62207ARB</b>	<b>67207ARB</b>	118	90	57	55.6	7	28	4.5	M10x1.25	72	M24	18.5	56	37	48.1	29.6	9.5	51.5	61.5	19700	15300	5500	0.60

The dimension of the housings related to codes printed in bold letters are unified according to international standards.



**Cartridge take-up support series UCHE for plain shafts d 20-25-30-35 mm**



**see also...**

Features:	page 148
Lubrication/maintenance:	149
Mounting instructions:	151
Calculation of load capacity and bearing life:	153
Accessories:	144
Chemical resistance:	160

## TECHNICAL INFORMATION

- **Resistance to corrosion:**
  - Polyamide version (PA): good resistance to many corrosive chemicals such as water, oils, greases, petrol, milk, wine, alcoholic beverages.
  - Polypropylene version (PP): good resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.
- **Load capacity:**
  - Polyamide version (PA): high load capacity.
  - Polypropylene version (PP): low capacity.
- **Continuous operating temperature:**
  - Polyamide version (PA): from -20°C to +90°C.
  - Polypropylene version (PP): from -20°C to +70°C.

Both versions maintain good dimensional stability at the maximum indicated temperature.
- **Economical operation.**  
Long life, maintenance free.
- **Self-alignment:**  
Max. misalignment between shaft and housing: 2.5°.
- **Concept and design to meet all safety requirements.**
- **Interchangeability:**  
Interchangeable with standard cast iron flanged supports.



accessory

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple..
- 4 Clip-on safety cap (accessory).  
Open version achievable by pressing in the shaft against the internal side of the cap.
- 5 Threaded bush.
- 6 Washer for grease-nipple.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

### PA VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel or stainless steel.
- Grease-nipple in nickel plated brass or stainless steel.
- Safety cap in polypropylene (accessory).
- Threaded bush in nickel plated brass.
- Washer in polyethylene.

### PP VERSION IN POLYPROPYLENE (PP) MATERIALS

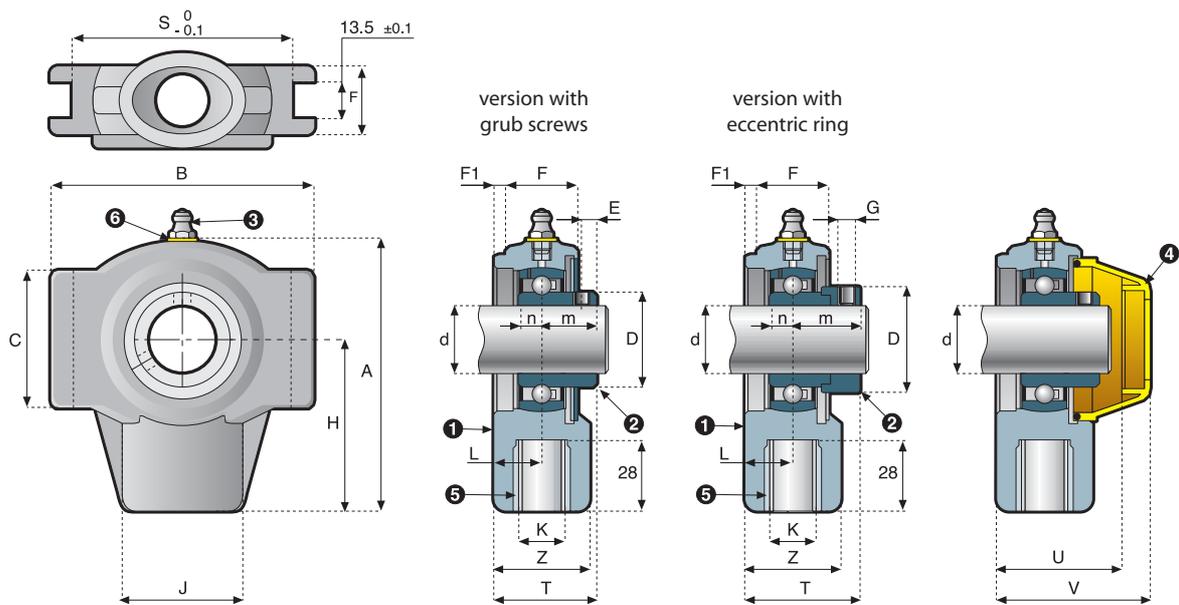
- Reinforced polypropylene housing.
- High quality ball bearing in stainless steel.
- Grease-nipple in stainless steel.
- Safety cap in polypropylene (accessory).
- Threaded bush in nickel plated brass.
- Washer in polyethylene.

## COLOUR

- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



# Series UCHE



Ø d mm	code version (PA)	safety cap code	dimensions (mm)																	bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)		
			A	B	C	D	E	F	F1	G	H	K	L	S	J	Z	T	m	n	U	V			dynamic C (N)	static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																									
20	<b>52204E</b>	50009	97.5	92	50	28.5	5.4	25	4.5	M6x0.75	62	M16	17	76	45	34	35.2	18.2	7	44.5	54.5	9850	6580	10000	0.30
25	<b>52205E</b>	50009	97.5	92	50	34	5.4	25	4.5	M6x0.75	62	M20	17	76	45	34	36.5	19.5	7.5	44.5	54.5	10800	7800	8500	0.35
30	<b>52206E</b>	50010	118	104	57	40	5.9	28	4.5	M6x0.75	72	M24	18.5	89	56	37	40.5	22	8	51.5	61.5	15000	11300	14000	0.45
35	<b>52207E</b>	50010	118	104	57	46.7	7.4	28	4.5	M6x0.75	72	M24	18.5	89	56	37	44	25.5	9.5	51.5	61.5	19700	15300	12000	0.55

<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																									
20	<b>52204EB</b>	50009	97.5	92	50	33.3	5	25	4.5	M6x0.75	62	M16	17	76	45	34	40.6	23.6	7.5	44.5	54.5	9850	6580	10000	0.38
25	<b>52205EB</b>	50009	97.5	92	50	38	5	25	4.5	M6x0.75	62	M20	17	76	45	34	40.6	23.6	7.5	44.5	54.5	10800	7800	8500	0.40
30	<b>52206EB</b>	50010	118	104	57	44.5	6.2	28	4.5	M8x1.00	72	M24	18.5	89	56	37	45.4	26.9	9	51.5	61.5	15000	11300	14000	0.50
35	<b>52207EB</b>	50010	118	104	57	55.6	7	28	4.5	M10x1.25	72	M24	18.5	89	56	37	48.1	29.6	9.5	51.5	61.5	19700	15300	12000	0.60

Ø d mm	code version		safety cap code	dimensions (mm)																	bearing load ratings		max. radial load capacity on plastic housing		weight (Kg)		
	PA	PP		A	B	C	D	E	F	F1	G	H	K	L	S	J	Z	T	m	n	U	V	dynamic C (N)	static Co (N)		PA (N)	PP (N)
<b>STAINLESS STEEL BEARING (with grub screws)</b>																											
20	<b>52204E/SS</b>	<b>62204E</b>	50009	97.5	92	50	28.5	5.4	25	4.5	M6x0.75	62	M16	17	76	45	34	35.2	18.2	7.6	44.5	54.5	7300	4900	10000	3600	0.30
25	<b>52205E/SS</b>	<b>62205E</b>	50009	97.5	92	50	34	5.4	25	4.5	M6x0.75	62	M20	17	76	45	34	36.8	19.8	7.6	44.5	54.5	8100	5800	8500	3200	0.35
30	<b>52206E/SS</b>	<b>62206E</b>	50010	118	104	57	40	5.9	28	4.5	M6x0.75	72	M24	18.5	89	56	37	40.7	22.2	9	51.5	61.5	11250	8400	14000	6500	0.45
35	<b>52207E/SS</b>	<b>62207E</b>	50010	118	104	57	46.7	7.4	28	4.5	M6x0.75	72	M24	18.5	89	56	37	43.9	25.4	9.6	51.5	61.5	14700	11400	12000	5500	0.55

The dimension of the housings related to codes printed in bold letters are unified according to international standards.

# Series UCHE-R



**Cartridge take-up support series UCHE-R for plain shafts d 20-25-30-35 mm**



**see also...** Features: page 148

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Lubrication/maintenance: 149

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Mounting instructions: 151

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Calculation of load capacity and bearing life: 153

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Accessories: 144

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Chemical resistance: 160

## TECHNICAL INFORMATION

- **Complete sealed units.**
- **Resistance to corrosion:**
  - Polyamide version (PA): good resistance to many corrosive chemicals such as water, oils, greases, petrol, milk, wine, alcoholic beverages.
  - Polypropylene version (PP): excellent resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.
- **Load capacity:**
  - Polyamide version (PA): high load capacity.
  - Polypropylene version (PP): low capacity.
- **Continuous operating temperature:**
  - Polyamide version (PA): from -20°C to +90°C.
  - Polypropylene version (PP): from -20°C to +70°C.

Both versions maintain good dimensional stability at the maximum indicated temperature.
- **Economical operation.**  
Long life, maintenance free.
- **Self-alignment:**  
Max. misalignment between shaft and housing: 2°.
- **Concept and design to meet all safety requirements.**
- **Interchangeability:**  
Interchangeable with standard cast iron flanged supports.

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple.
- 4 Clip-on safety cap (closed version).
- 5 Clip-on safety cap (open version).
- 6 Threaded bush.
- 7 Washer for grease-nipple.
- 8 Rotary shaft seal ring with extra dust-protection lip.
- 9 Heavy duty O-Ring.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

### VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel.
- Grease-nipple in nickel plated brass.
- Safety cap in polypropylene.
- Threaded bush in nickel plated brass.
- Washer in polyethylene.
- Seal and O-Ring in NBR-rubber.

### VERSION IN POLYPROPYLENE (PP) MATERIALS

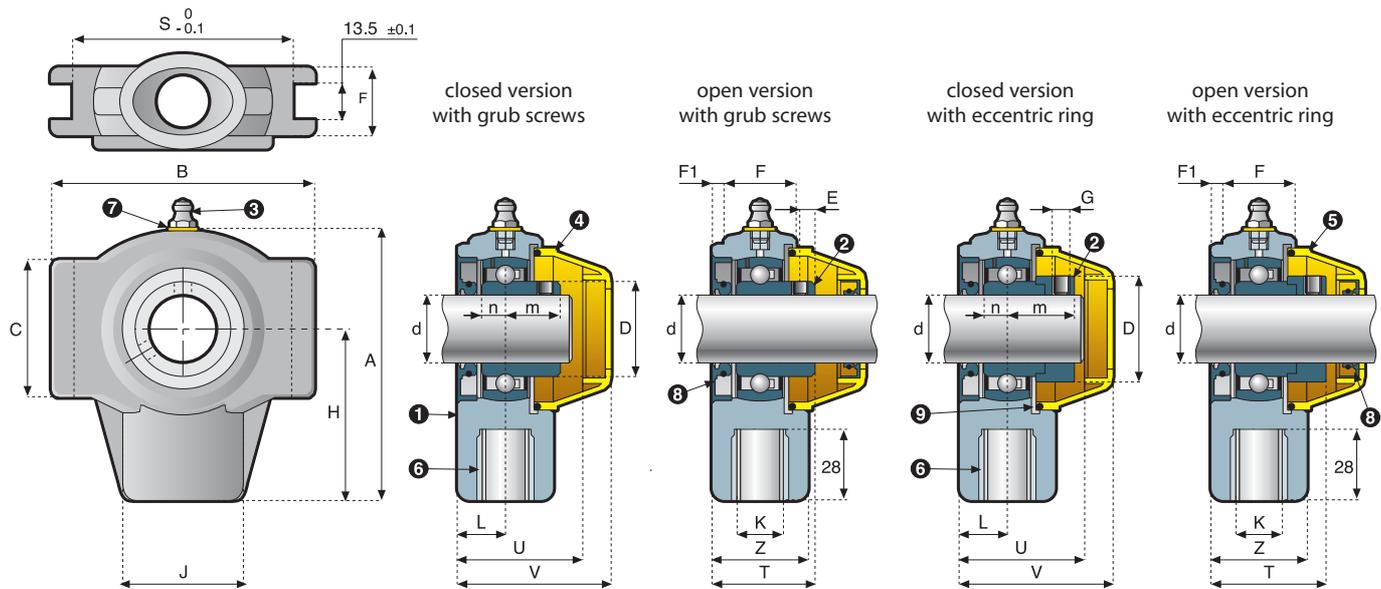
- Reinforced polypropylene housing.
- High quality ball bearing in chrome steel.
- Grease-nipple in stainless steel.
- Safety cap in polypropylene.
- Threaded bush in nickel plated brass.
- Washer in polyethylene.
- Seal and O-Ring in VITON-rubber.

## COLOUR

- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



# Series UCHE-R



Ø d mm	code version		dimensions (mm)																bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)			
	closed	open	A	B	C	D	E	F	F1	G	H	K	L	S	J	Z	T	m	n	U			V	dynamic C (N)	static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS VERSION IN POLYAMIDE - PA -</b>																									
20	<b>52204ER</b>	<b>57204ER</b>	97.5	92	50	28.5	5.4	25	4.5	M6x0.75	62	M16	17	76	45	34	35.2	18.2	7	44.5	54.5	9850	6580	10000	0.30
25	<b>52205ER</b>	<b>57205ER</b>	97.5	92	50	34	5.4	25	4.5	M6x0.75	62	M20	17	76	45	34	36.5	19.5	7.5	44.5	54.5	10800	7800	8500	0.35
30	<b>52206ER</b>	<b>57206ER</b>	118	104	57	40	5.9	28	4.5	M6x0.75	72	M24	18.5	89	56	37	40.5	22	8	51.5	61.5	15000	11300	14000	0.45
35	<b>52207ER</b>	<b>57207ER</b>	118	104	57	46.7	7.4	28	4.5	M6x0.75	72	M24	18.5	89	56	37	44	25	9.5	51.5	61.5	19700	15300	12000	0.55

<b>SHAFT LOCKING WITH ECCENTRIC RING VERSION IN POLYAMIDE - PA -</b>																									
20	<b>52204ERB</b>	<b>57204ERB</b>	97.5	92	50	33.3	5	25	4.5	M6x0.75	62	M16	17	76	45	34	40.6	23.6	7.5	44.5	54.5	9850	6580	10000	0.38
25	<b>52205ERB</b>	<b>57205ERB</b>	97.5	92	50	38	5	25	4.5	M6x0.75	62	M20	17	76	45	34	40.6	23.6	7.5	44.5	54.5	10800	7800	8500	0.40
30	<b>52206ERB</b>	<b>57206ERB</b>	118	104	57	44.5	6.2	28	4.5	M8x1.00	72	M24	18.5	89	56	37	45.4	26.9	9	51.5	61.5	15000	11300	14000	0.50
35	<b>52207ERB</b>	<b>57207ERB</b>	118	104	57	55.6	7	28	4.5	M10x1.25	72	M24	18.5	89	56	37	48.1	29.6	9.5	51.5	61.5	19700	15300	12000	0.60

Ø d mm	code version		dimensions (mm)																bearing load ratings		max. radial load capacity on plastic housing PP (N)	weight (Kg)			
	closed	open	A	B	C	D	E	F	F1	G	H	K	L	S	J	Z	T	m	n	U			V	dynamic C (N)	static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS VERSION IN POLYPROPYLENE -PP-</b>																									
20	<b>62204ER</b>	<b>67204ER</b>	97.5	92	50	28.5	5.4	25	4.5	M6x0.75	62	M16	17	76	45	34	35.2	18.2	7	44.5	54.5	9850	6580	3600	0.30
25	<b>62205ER</b>	<b>67205ER</b>	97.5	92	50	34	5.4	25	4.5	M6x0.75	62	M20	17	76	45	34	36.5	19.5	7.5	44.5	54.5	10800	7800	3200	0.35
30	<b>62206ER</b>	<b>67206ER</b>	118	104	57	40	5.9	28	4.5	M6x0.75	72	M24	18.5	89	56	37	40.5	22	9	51.5	61.5	15000	11300	6500	0.45
35	<b>62207ER</b>	<b>67207ER</b>	118	104	57	46.7	7.4	28	4.5	M6x0.75	72	M24	18.5	89	56	37	44	25.5	9.5	51.5	61.5	19700	15300	5500	0.55

<b>SHAFT LOCKING WITH ECCENTRIC RING VERSION IN POLYPROPYLENE -PP-</b>																									
20	<b>62204ERB</b>	<b>67204ERB</b>	97.5	92	50	33.3	5	25	4.5	M6x0.75	62	M16	17	76	45	34	40.6	23.6	7.5	44.5	54.5	9850	6580	3600	0.38
25	<b>62205ERB</b>	<b>67205ERB</b>	97.5	92	50	38	5	25	4.5	M6x0.75	62	M20	17	76	45	34	40.6	23.6	7.5	44.5	54.5	10800	7800	3200	0.40
30	<b>62206ERB</b>	<b>67206ERB</b>	118	104	57	44.5	6.2	28	4.5	M8x1.00	72	M24	18.5	89	56	37	45.4	26.9	9	51.5	61.5	15000	11300	6500	0.50
35	<b>62207ERB</b>	<b>67207ERB</b>	118	104	57	55.6	7	28	4.5	M10x1.25	72	M24	18.5	89	56	37	48.1	29.6	9.5	51.5	61.5	19700	15300	5500	0.60

The dimension of the housings related to codes printed in bold letters are unified according to international standards.



**Flanged bearing support series SFL for plain shafts**  
d 12-15-16-17-20 mm



**see also...**

Features:	page 148
Lubrication/maintenance:	149
Mounting instructions:	151
Calculation of load capacity and bearing life:	153
Accessories:	144
Chemical resistance:	160

## TECHNICAL INFORMATION

- **Resistance to corrosion:**
  - Polyamide version (PA): good resistance to many corrosive chemicals such as water, oils, greases, petrol, milk, wine, alcoholic beverages.
  - Polypropylene version (PP): good resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.
- **Load capacity:**
  - Polyamide version (PA): high load capacity.
  - Polypropylene version (PP): low capacity.
- **Continuous operating temperature:**
  - Polyamide version (PA): from -20°C to +90°C.
  - Polypropylene version (PP): from -20°C to +70°C.

Both versions maintain good dimensional stability at the maximum indicated temperature.
- **Economical operation.**  
Long life, maintenance free.
- **Self-alignment:**  
Max. misalignment between shaft and housing: 2.5°.
- **Concept and design to meet all safety requirements.**



accessory

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple.
- 4 Clip-on safety cap (accessory).  
Open version achievable by pressing in the shaft against the internal side of the cap.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

### VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel or stainless steel.
- Grease-nipple in nickel plated brass or stainless steel.
- Safety cap in polypropylene (accessory).

### VERSION IN POLYPROPYLENE (PP) MATERIALS

- Reinforced polypropylene housing.
- High quality ball bearing in stainless steel
- Grease-nipple in stainless steel.
- Safety cap in polypropylene (accessory).

## COLOUR

- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



series SFL



Plain Shaft



Ø mm

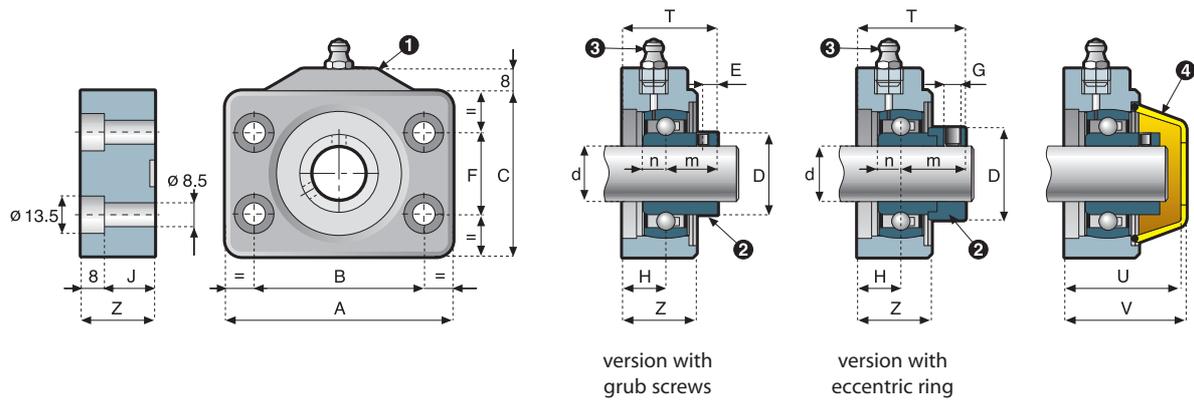


Polyamide



Polypropylene

# Series SFL



Ø d mm	code version (PA)	safety cap code	dimensions (mm)													bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)			
			A	B	C	D	E	F	G	H	J	Z	T	m	n	U	V			dynamic C (N)	static Co (N)	
<b>SHAFT LOCKING WITH GRUB SCREWS</b>																						
12	54201S	50012	80	60	60	24.2	5.3	30	M6x0.75	9	10.5	18.5	25	16	6	33.5	35.5	7300	4760	6500	0.25	
15	54202S	50012	80	60	60	24.2	5.3	30	M6x0.75	9	10.5	18.5	25	16	6	33.5	35.5	7300	4760	6500	0.25	
16	54016S	50012	80	60	60	24.2	5.3	30	M6x0.75	9	10.5	18.5	25	16	6	33.5	35.5	7300	4760	6500	0.25	
17	54203S	50012	80	60	60	24.2	5.3	30	M6x0.75	9	10.5	18.5	25	16	6	33.5	35.5	7300	4760	6500	0.25	
20	54204S	50012	80	60	60	28.5	5.4	30	M6x0.75	15	18	26	33.2	18.2	7	41	43	9850	6580	6200	0.30	

<b>SHAFT LOCKING WITH ECCENTRIC RING</b>																						
12	54201SB	50012	80	60	60	28.5	5	30	M6x0.75	9	10.5	18.5	31	22	6	33.5	35.5	7300	4760	6500	0.28	
15	54202SB	50012	80	60	60	28.5	5	30	M6x0.75	9	10.5	18.5	31	22	6	33.5	35.5	7300	4760	6500	0.28	
16	54016SB	50012	80	60	60	28.5	5	30	M6x0.75	9	10.5	18.5	31	22	6	33.5	35.5	7300	4760	6500	0.28	
17	54203SB	50012	80	60	60	28.5	5	30	M6x0.75	9	10.5	18.5	31	22	6	33.5	35.5	7300	4760	6500	0.28	
20	54204SB	50012	80	60	60	33.3	5	30	M6x0.75	15	18	26	38.6	23.6	7.5	41	43	9850	6580	6200	0.35	

Ø d mm	code version		safety cap code	dimensions (mm)													bearing load ratings		max. radial load capacity on plastic housing		weight (Kg)		
	PA	PP		A	B	C	D	E	F	G	H	J	Z	T	m	n	U	V	dynamic C (N)	static Co (N)		PA (N)	PP (N)
<b>STAINLESS STEEL BEARING (with grub screws)</b>																							
20	54204S/SS	64204S/SS	50012	80	60	60	28.5	5.4	30	M6x0.75	15	18	26	33.2	18.2	7.6	41	43	7300	4900	6200	3000	0.30

# Series SFL-Z



**Flanged bearing support series SFL-Z for plain shafts**  
**d 12-15-16-17-20 mm**



**see also...** Features: page 148

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Lubrication/maintenance: 149

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Mounting instructions: 151

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Calculation of load capacity and bearing life: 153

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Accessories: 144

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Chemical resistance: 160

## TECHNICAL INFORMATION

- **Complete sealed units.**
- **Resistance to corrosion:**
  - Polyamide version (PA): good resistance to many corrosive chemicals such as water, oils, greases, petrol, milk, wine, alcoholic beverages.
  - Polypropylene version (PP): excellent resistance to highly corrosive chemicals such as acids, organic liquids, surfactants, detergents.
- **Load capacity:**
  - Polyamide version (PA): high load capacity.
  - Polypropylene version (PP): low capacity.
- **Continuous operating temperature:**
  - Polyamide version (PA): from -20°C to +90°C.
  - Polypropylene version (PP): from -20°C to +70°C.

Both versions maintain good dimensional stability at the maximum indicated temperature.
- **Economical operation.**  
 Long life, maintenance free.
- **Self-alignment:**  
 Max. misalignment between shaft and housing: 2°.
- **Concept and design to meet all safety requirements.**

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple.
- 4 Clip-on safety cap (closed version).
- 5 Clip-on safety cap (open version).
- 6 Rotary shaft seal ring with extra dust-protection lip.
- 7 Heavy duty O-Ring.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C. Strength of housing indicated on page 153.

### PA VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel.
- Grease-nipple in nickel plated brass.
- Safety cap in polypropylene.
- Seal and O-Ring in NBR-rubber.

### PP VERSION IN POLYPROPYLENE (PP) MATERIALS

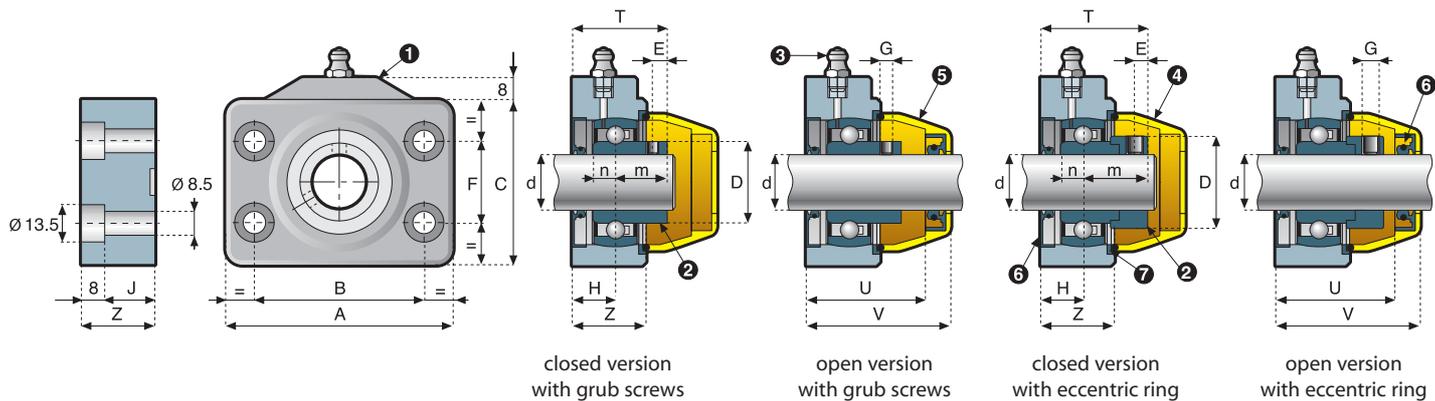
- Reinforced polypropylene housing.
- High quality ball bearing in chrome steel.
- Grease-nipple in stainless steel.
- Safety cap in polypropylene.
- Seal and O-Ring in VITON-rubber.

## COLOUR

- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



# Series SFL-Z



Ø d mm	code version		dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)	
	closed	open	A	B	C	D	E	F	G	H	J	Z	T	m	n	U	V	dynamic C (N)			static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS VERSION IN POLYAMIDE - PA -</b>																					
12	54201SZ	59201SZ	80	60	60	24.2	5.3	30	M6x0.75	16.5	18	26	32.5	16	6	41	50	7300	4760	6500	0.25
15	54202SZ	59202SZ	80	60	60	24.2	5.3	30	M6x0.75	16.5	18	26	32.5	16	6	41	50	7300	4760	6500	0.25
16	54016SZ	59016SZ	80	60	60	24.2	5.3	30	M6x0.75	16.5	18	26	32.5	16	6	41	50	7300	4760	6500	0.25
17	54203SZ	59203SZ	80	60	60	24.2	5.3	30	M6x0.75	16.5	18	26	32.5	16	6	41	50	7300	4760	6500	0.25
20	54204SZ	59204SZ	80	60	60	28.5	5.4	30	M6x0.75	15	18	26	33.2	18.2	7	41	50	9850	6580	6200	0.30

<b>SHAFT LOCKING WITH ECCENTRIC RING VERSION IN POLYAMIDE - PA -</b>																					
12	54201SZB	59201SZB	80	60	60	28.5	5	30	M6x0.75	16.5	18	26	38.5	22	6	41	50	7300	4760	6500	0.30
15	54202SZB	59202SZB	80	60	60	28.5	5	30	M6x0.75	16.5	18	26	38.5	22	6	41	50	7300	4760	6500	0.30
16	54016SZB	59016SZB	80	60	60	28.5	5	30	M6x0.75	16.5	18	26	38.5	22	6	41	50	7300	4760	6500	0.30
17	54203SZB	59203SZB	80	60	60	28.5	5	30	M6x0.75	16.5	18	26	38.5	22	6	41	50	7300	4760	6500	0.30
20	54204SZB	59204SZB	80	60	60	33.3	5	30	M6x0.75	15	18	26	38.6	23.6	7.5	41	50	9850	6580	6200	0.35

Ø d mm	code version		dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PP (N)	weight (Kg)	
	closed	open	A	B	C	D	E	F	G	H	J	Z	T	m	n	U	V	dynamic C (N)			static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS VERSION IN POLYPROPYLENE - PP -</b>																					
12	64201SZ	69201SZ	80	60	60	24.2	5.3	30	M6x0.75	16.5	18	26	32.5	16	6	41	50	7300	4760	3100	0.25
15	64202SZ	69202SZ	80	60	60	24.2	5.3	30	M6x0.75	16.5	18	26	32.5	16	6	41	50	7300	4760	3100	0.25
16	64016SZ	69016SZ	80	60	60	24.2	5.3	30	M6x0.75	16.5	18	26	32.5	16	6	41	50	7300	4760	3100	0.25
17	64203SZ	69203SZ	80	60	60	24.2	5.3	30	M6x0.75	16.5	18	26	32.5	16	6	41	50	7300	4760	3100	0.25
20	64204SZ	69204SZ	80	60	60	28.5	5.4	30	M6x0.75	15	18	26	33.2	18.2	7	41	50	9850	6580	3000	0.30

<b>SHAFT LOCKING WITH ECCENTRIC RING VERSION IN POLYPROPYLENE - PP-</b>																					
12	64201SZB	69201SZB	80	60	60	28.5	5	30	M6x0.75	16.5	18	26	38.5	22	6	41	50	7300	4760	3100	0.30
15	64202SZB	69202SZB	80	60	60	28.5	5	30	M6x0.75	16.5	18	26	38.5	22	6	41	50	7300	4760	3100	0.30
16	64016SZB	69016SZB	80	60	60	28.5	5	30	M6x0.75	16.5	18	26	38.5	22	6	41	50	7300	4760	3100	0.30
17	64203SZB	69203SZB	80	60	60	28.5	5	30	M6x0.75	16.5	18	26	38.5	22	6	41	50	7300	4760	3100	0.30
20	64204SZB	69204SZB	80	60	60	33.3	5	30	M6x0.75	15	18	26	38.6	23.6	7.5	41	50	9850	6580	3000	0.35

# Series SQL right-left



**Flange bearing with solid housings series SQL for plain shafts**  
**d 12 - 15 - 16 - 17 - 20 mm**



**see also...**

Features: page 148
Lubrication/maintenance: 149
Mounting instructions: 151
Calculation of load capacity and bearing life: 153
Accessories: 144
Chemical resistance: 160

## TECHNICAL INFORMATION

- **Resistance to corrosion.**
- **High load capacity.**
- **Good dimensional stability at the maximum indicated temperature**
- **Self-alignment:**  
Max misalignment between shaft and housing: 2,5°
- **Low maintenance and trouble-free operation.**
- **Easy Cleaning.**
- **Ball bearing pre-lubricated with long-life grease, which is ideal in applications within humid conditions, water, alkaline or acid solutions.**
- **Concept and design to meet all safety requirements.**
- **Interchangeable :**  
Interchangeable with standard cast iron flanged supports.
- **Application in the food, beverage and pharmaceutical industry.**

New line of flange bearings created through new technology which will help equipment builders meet the requirements of the USDA and other government agencies as they relate to the prevention of contamination of food products and the growth of bacteria.

## COMPONENTS

- 1 Housing in plastic material.
- 2 Adjustable ball bearing, pre-lubricated by means of grease-nipple or a quick coupler.
- 3 Ball-type grease-nipple.
- 4 Clip-on safety cap (accessory).  
Open version achievable by pressing in the shaft against the internal side of the cap.

## MAX. RADIAL LOAD CAPACITY OF HOUSING

Values indicated in the table above, are obtained at 23°C.  
Strength of housing indicated on page 153.

## VERSION IN POLYAMIDE (PA) MATERIALS

- Reinforced polyamide housing.
- High quality ball bearing in chrome steel or stainless steel.
- Grease-nipple in nickel plated brass or stainless steel.
- Safety cap in polypropylene (accessory).

## COLOUR

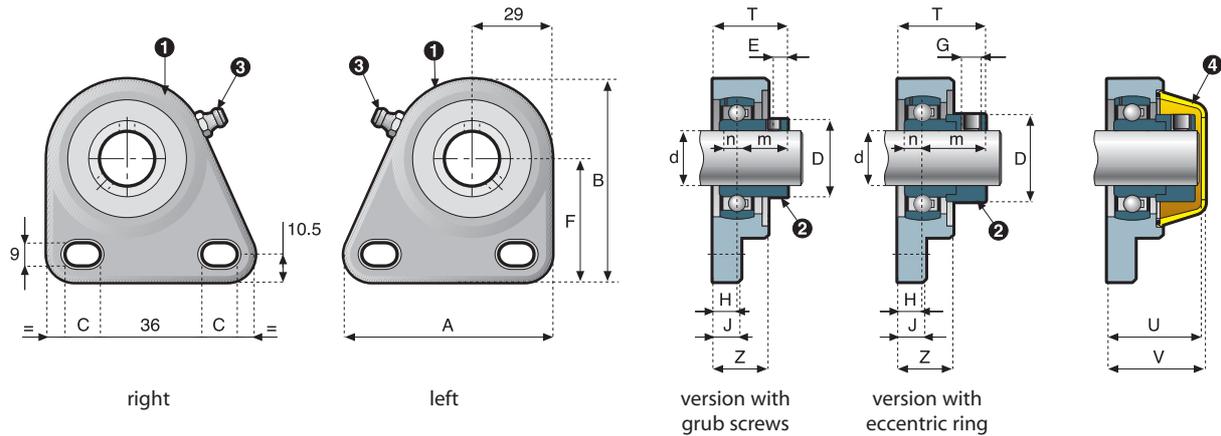
- Bearing support in black.
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colours.



accessory



# Series **SQL** right-left



Ø d mm	code version (PA)	safety cap code	dimensions (mm)														bearing load ratings		max. radial load capacity on plastic housing PA (N)	weight (Kg)	
			A	B	C	D	E	F	G	H	J	Z	T	m	n	U	V	dynamic C (N)			static Co (N)
<b>SHAFT LOCKING WITH GRUB SCREWS - RIGHT VERSION</b>																					
12	<b>54201ND</b>	50012	75	75.5	14	24.2	5.3	46.5	M6x0.75	10.5	10	20	26.5	16	6	35	37	7300	4760	6000	0.20
15	<b>54202ND</b>	50012	75	75.5	14	24.2	5.3	46.5	M6x0.75	10.5	10	20	26.5	16	6	35	37	7300	4760	6000	0.20
16	<b>54016ND</b>	50012	75	75.5	14	24.2	5.3	46.5	M6x0.75	10.5	10	20	26.5	16	6	35	37	7300	4760	6000	0.20
17	<b>54203ND</b>	50012	75	75.5	14	24.2	5.3	46.5	M6x0.75	10.5	10	20	26.5	16	6	35	37	7300	4760	6000	0.20
20	<b>54204ND</b>	50012	75	75.5	14	28.5	5.4	46.5	M6x0.75	9	10	20	27.2	18.2	7	35	37	9850	6580	5700	0.25
<b>SHAFT LOCKING WITH ECCENTRIC RING - RIGHT VERSION</b>																					
12	<b>54201NDB</b>	50012	75	75.5	14	28.5	5	46.5	M6x0.75	10.5	10	20	32.5	22	6	35	37	7300	4760	6000	0.23
15	<b>54202NDB</b>	50012	75	75.5	14	28.5	5	46.5	M6x0.75	10.5	10	20	32.5	22	6	35	37	7300	4760	6000	0.23
16	<b>54016NDB</b>	50012	75	75.5	14	28.5	5	46.5	M6x0.75	10.5	10	20	32.5	22	6	35	37	7300	4760	6000	0.23
17	<b>54203NDB</b>	50012	75	75.5	14	28.5	5	46.5	M6x0.75	10.5	10	20	32.5	22	6	35	37	7300	4760	6000	0.23
20	<b>54204NDB</b>	50012	75	75.5	14	33.3	5	46.5	M6x0.75	9	10	20	32.6	23.6	7.5	35	37	9850	6580	5700	0.28
<b>STAINLESS STEEL BEARING (with grub screws) - RIGHT VERSION</b>																					
20	54204ND/SS	50012	75	75.5	14	28.5	5.4	46.5	M6x0.75	9	10	20	27.2	18.2	7.6	35	37	7300	4900	5700	0.25
<b>SHAFT LOCKING WITH GRUB SCREWS - LEFT VERSION</b>																					
12	<b>54201NS</b>	50012	75	75.5	14	24.2	5.3	46.5	M6x0.75	10.5	10	20	26.5	16	6	35	37	7300	4760	6000	0.20
15	<b>54202NS</b>	50012	75	75.5	14	24.2	5.3	46.5	M6x0.75	10.5	10	20	26.5	16	6	35	37	7300	4760	6000	0.20
16	<b>54016NS</b>	50012	75	75.5	14	24.2	5.3	46.5	M6x0.75	10.5	10	20	26.5	16	6	35	37	7300	4760	6000	0.20
17	<b>54203NS</b>	50012	75	75.5	14	24.2	5.3	46.5	M6x0.75	10.5	10	20	26.5	16	6	35	37	7300	4760	6000	0.20
20	<b>54204NS</b>	50012	75	75.5	14	28.5	5.4	46.5	M6x0.75	9	10	20	27.2	18.2	7	35	37	9850	6580	5700	0.25
<b>SHAFT LOCKING WITH ECCENTRIC RING - LEFT VERSION</b>																					
12	<b>54201NSB</b>	50012	75	75.5	14	28.5	5	46.5	M6x0.75	10.5	10	20	32.5	22	6	35	37	7300	4760	6000	0.23
15	<b>54202NSB</b>	50012	75	75.5	14	28.5	5	46.5	M6x0.75	10.5	10	20	32.5	22	6	35	37	7300	4760	6000	0.23
16	<b>54016NSB</b>	50012	75	75.5	14	28.5	5	46.5	M6x0.75	10.5	10	20	32.5	22	6	35	37	7300	4760	6000	0.23
17	<b>54203NSB</b>	50012	75	75.5	14	28.5	5	46.5	M6x0.75	10.5	10	20	32.5	22	6	35	37	7300	4760	6000	0.23
20	<b>54204NSB</b>	50012	75	75.5	14	33.3	5	46.5	M6x0.75	9	10	20	32.6	23.6	7.5	35	37	9850	6580	5700	0.28
<b>STAINLESS STEEL BEARING (with grub screws) - LEFT VERSION</b>																					
20	54204NS/SS	50012	75	75.5	14	28.5	5.4	46.5	M6x0.75	9	10	20	27.2	18.2	7.6	35	37	7300	4900	5700	0.25

The dimension of the housings related to codes printed in bold letters are unified according to international standards.

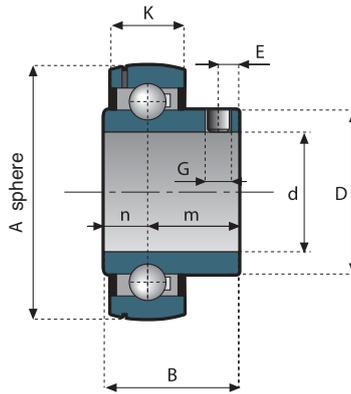




# Standard BALL BEARING with grub screws



**CORRO-FREE**



## MATERIAL

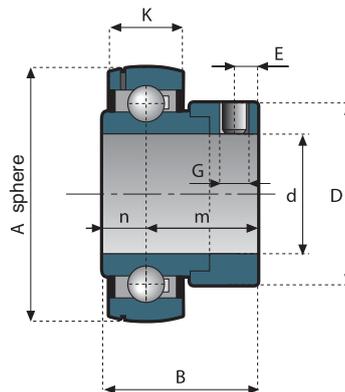
- Rings and balls in chrome steel.
- Grub screws and protection rings are in steel.
- Seals in metal with vulcanised NBR rubber.

Ø d mm	code	dimensions (mm)								bearing load ratings		weight (Kg)
		A	B	K	D	E	G	m	n	dynamic C (N)	static Co (N)	
12	83438	40	22	12	24.2	5.3	M6	16	6	7300	4760	0.15
15	83439	40	22	12	24.2	5.3	M6	16	6	7300	4760	0.15
16	83440	40	22	12	24.2	5.3	M6	16	6	7300	4760	0.15
17	83441	40	22	12	24.2	5.3	M6	16	6	7300	4760	0.15
20	83219	47	25.2	14	28.5	5.4	M6	18.2	7	9800	6500	0.18
25	83224	52	27	15	34	5.4	M6	19.5	7.5	10800	7800	0.22
30	83225	62	30	16	40	5.9	M6	22	8	15000	11300	0.40
35	83226	72	34.9	17	46.7	7.4	M6	25.4	9.5	19700	15300	0.45
40	83227	80	41.1	18	52.7	8	M8	32.1	9	22400	17900	0.62

# Standard BALL BEARING with eccentric ring



**CORRO-FREE**

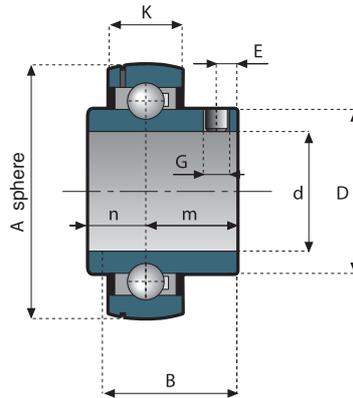


## MATERIAL

- Rings and balls in chrome steel.
- Eccentric ring in zinc plated steel.
- Seals in metal with vulcanised NBR rubber.

Ø d mm	code	dimensions (mm)								bearing load ratings		weight (Kg)
		A	B	K	D	E	G	m	n	dynamic C (N)	static Co (N)	
12	83442	40	28	12	28.6	5	M6	22	6	7300	4760	0.21
15	83443	40	28	12	28.6	5	M6	22	6	7300	4760	0.21
16	83444	40	28	12	28.6	5	M6	22	6	7300	4760	0.21
17	83445	40	28	12	28.6	5	M6	22	6	7300	4760	0.21
20	83218	47	31.1	14	33.3	5	M6	23.6	7.5	9800	6500	0.25
25	83220	52	31.1	15	38.1	5	M6	23.6	7.5	10800	7800	0.30
30	83221	62	35.9	16	44.5	6.2	M8	26.9	9	15000	11300	0.48
35	83222	72	39.1	17	55.6	7	M10	29.6	9.5	19700	15300	0.53
40	83223	80	43.9	18	60.3	7	M10	34.9	9	22400	17900	0.70

# Stainless Steel UC BALL BEARING



## MATERIAL

- Rings and balls in Stainless steel with Cr+Mo to increase corrosion resistance.
- Grub screws and protection rings are in stainless steel.

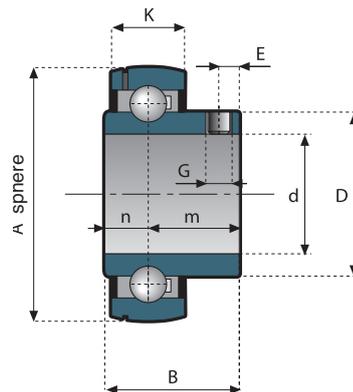
## USE

- Everywhere a high resistance to corrosion is required.

Ball bearing ring with two grub screws for shaft tightening. The external surface of the external ring is spheric and suitable for supports series: CL-R, CS-R, SFL, SQL, UCF, UCFA, UCFC, UCFG, UCFH, UCFL, UCFQ, UCFT, UCHA, UCHE, UCP, UCPA, UCT, UFL.

Ø d mm	code	dimensions (mm)								bearing load ratings		weight (Kg)
		A	B	K	D	E	G	m	n	dynamic C (N)	static Co (N)	
20	83263UC	47	31	17	28.5	5.4	M6	18.3	12.7	7300	4900	0.18
25	83232UC	52	34.1	17	34	5.4	M6	19.8	14.3	8100	5800	0.22
30	83233UC	62	38.1	19	40	5.9	M6	22.2	15.9	11250	8400	0.40
35	83234UC	72	42.9	20	46.7	7.4	M6	25.4	17.5	14700	11400	0.45
40	83235UC	80	49.2	22	52.7	8	M8	30.2	19	16800	13400	0.62

# Stainless Steel BALL BEARING



## MATERIAL

- Rings and balls in Stainless steel with Cr+Mo to increase corrosion resistance.
- Grub screws and protection rings are in stainless steel.

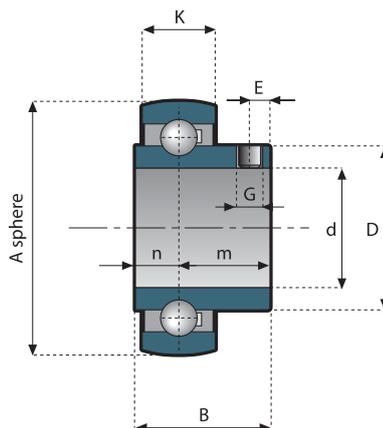
## USE

- Everywhere a high resistance to corrosion is required.

Ball bearing ring with two grub screws for shaft tightening. The external surface of the external ring is spheric and suitable for supports series: CL-R, CS-R, SFL, SQL, UCF, UCFA, UCFC, UCFG, UCFH, UCFL, UCFQ, UCFT, UCHA, UCHE, UCP, UCPA, UCT, UFL.

Ø d mm	code	dimensions (mm)								bearing load ratings		weight (Kg)
		A	B	K	D	E	G	m	n	dynamic C (N)	static Co (N)	
20	83263	47	25.8	14	28.5	5.4	M6	18.2	7.6	7300	4900	0.18
25	83232	52	27.3	15	34	5.4	M6	19.8	7.6	8100	5800	0.22
30	83233	62	31.2	16	40	5.9	M6	22.2	9	11250	8400	0.40
35	83234	72	35	17	46.7	7.4	M6	25.4	9.6	14700	11400	0.45
40	83235	80	41.1	18	52.7	8	M8	30.1	11	16800	13400	0.62

# Maintenance Free BALL BEARING



## MATERIAL

- Rings and balls in chrome steel
- Grub screws and protection rings are in steel.
- Seals in metal with vulcanised NBR rubber.



Ø d mm	code version (PA)	dimensions (mm)								bearing load ratings		weight (Kg)
		A	B	K	D	E	G	m	n	dynamic C (N)	static Co (N)	
20	83955	47	25.2	14	28.5	5.4	M6	18.2	7	9800	6500	0.18
25	83956	52	27	15	34	5.4	M6	19.5	7.5	10800	7800	0.22
30	83929	62	30	16	40	5.9	M6	22	8	15000	11300	0.40
35	83957	72	34.9	17	46.7	7.4	M6	25.4	9.5	19700	15300	0.45
40	83930	80	41.1	18	52.7	8	M8	32.1	9	22400	17900	0.62

# "S" lock BALL BEARING

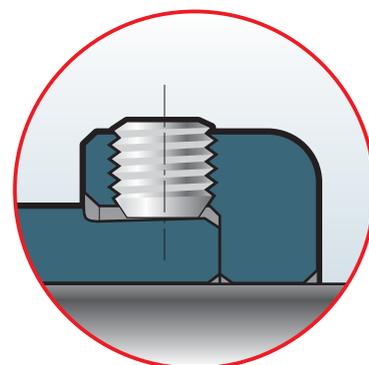
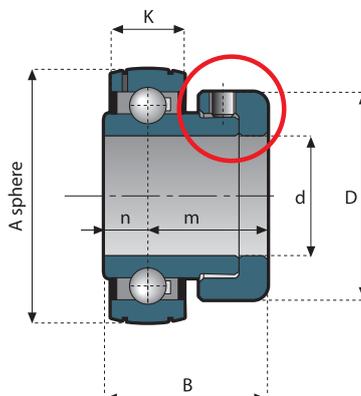
## Improved locking system

*Reduces assembly time,  
maintenance, replacement  
and downtime costs*

## MATERIAL

- Rings and balls in chrome steel
- Seals in metal with vulcanised NBR rubber.
- Easier to fit, with no shaft preparation needed
- Simple collar positioning for easy assembly
- Easier removal and replacement

- Easier removal and replacement
- Safe, simple and secure locking
- Reduced fitting, downtime and replacement costs
- No set screw damage to shaft



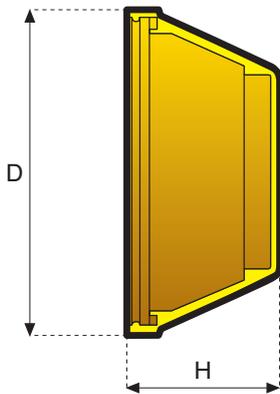
Ø d mm	code	dimensions (mm)						bearing load ratings		weight (Kg)
		A	B	K	D	m	n	dynamic C (N)	static Co (N)	
20	83985	47	31.6	14	39.3	24	7.6	12800	6500	0.20
25	83986	52	33.2	15	44.3	25.6	7.6	14000	7800	0.25
30	83987	62	37	16	50.3	28	9	19500	11300	0.44
35	83988	72	43	17	60.9	33.5	9.6	25700	15300	0.50
40	83989	80	45.1	18	66.9	34.1	11	29100	17900	0.69



# SAFETY CAP



type A



Clip-on safety cap  
(closed version)

Clip-on safety cap in  
polypropylene.

## COLOR

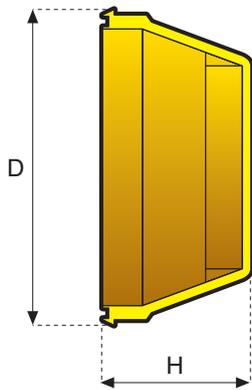
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colors.

safety cap code	Type	D mm	H mm	support code			
50001	A	80	29.5	50205	50206B	50206V/SS-EC	60205
50001	A	80	29.5	50205B	50206/SS	54206N-EC	60206
50001	A	80	29.5	50205/SS	50206V-EC	54206NB-EC	
50001	A	80	29.5	50206	50206VB-EC	54206N/SS-EC	
50002	A	96	40	50206CL	50207DB	50208D	54208N-EC
50002	A	96	40	50206CLB	50207D/SS	50208DB	54208NB-EC
50002	A	96	40	50206CS	50207G	50208D/SS	54208N/SS-EC
50002	A	96	40	50206CSB	50207GB	50208F	60206K
50002	A	96	40	50206K	50207G/SS	50208FB	60207
50002	A	96	40	50206KB	50207K	50208F/SS	60207D
50002	A	96	40	50206K/SS	50207KB	50208G	60207G
50002	A	96	40	50207	50207K/SS	50208GB	60207K
50002	A	96	40	50207B	50208	50208G/SS	60208
50002	A	96	40	50207/SS	50208B	50208K	60208D
50002	A	96	40	50207CL	50208/SS	50208KB	60208F
50002	A	96	40	50207CLB	50208CL	50208K/SS	60208G
50002	A	96	40	50207CS	50208CLB	50208V-EC	60208K
50002	A	96	40	50207CSB	50208CS	50208VB-EC	
50002	A	96	40	50207D	50208CSB	50208V/SS-EC	
50003A	A	71	34.5	50204A	50205AB	50205S/SS	60204A
50003A	A	71	34.5	50204AB	50205A/SS	50206L	60204L
50003A	A	71	34.5	50204A/SS	50205L	50206LA	60204S
50003A	A	71	34.5	50204L	50205LA	50206LAB	60205A
50003A	A	71	34.5	50204LB	50205LAB	50206LB	60205L
50003A	A	71	34.5	50204L/SS	50205L/SS	50206L/SS	60205LA
50003A	A	71	34.5	50204S	50205LA/SS	50206LA/SS	60205S
50003A	A	71	34.5	50204SB	50205LB	53206A	60206L
50003A	A	71	34.5	50204S/SS	50205S	53206AB	60206LA
50003A	A	71	34.5	50205A	50205SB	53206A/SS	63206A
50004	A	87.5	40.5	50206C	50207C/SS	51208FB	54207NB-EC
50004	A	87.5	40.5	50206CB	50207V-EC	51208L	54207N/SS-EC
50004	A	87.5	40.5	50206C/SS	50207VB-EC	51208LB	60206C
50004	A	87.5	40.5	50206S	50207V/SS-EC	51208S	60206S
50004	A	87.5	40.5	50206SB	50208S	51208SB	60207C
50004	A	87.5	40.5	50206S/SS	50208SB	51208T	60208S
50004	A	87.5	40.5	50207C	50208S/SS	51208TB	
50004	A	87.5	40.5	50207CB	51208F	54207N-EC	
50007	A	62	30	50204V-EC	53205A	54204N-EC	63205A
50007	A	62	30	50204VB-EC	53205AB	54204NB-EC	
50007	A	62	30	50204V/SS-EC	53205A/SS	54204N/SS-EC	
50008	A	56	29.5	50016V-EC	53204A	54201B	54203B
50008	A	56	29.5	50016VB-EC	53204AB	54201N-EC	54203N-EC
50008	A	56	29.5	50201V-EC	53204A/SS	54201NB-EC	54203NB-EC
50008	A	56	29.5	50201VB-EC	54016	54202	54204
50008	A	56	29.5	50202V-EC	54016B	54202B	54204B
50008	A	56	29.5	50202VB-EC	54016N-EC	54202N-EC	54204/SS
50008	A	56	29.5	50203V-EC	54016NB-EC	54202NB-EC	63204A
50008	A	56	29.5	50203VB-EC	54201	54203	64204/SS
50011	A	69.5	32	50205V-EC	50205V/SS-EC	54205NB-EC	
50011	A	69.5	32	50205VB-EC	54205N-EC	54205N/SS-EC	

# SAFETY CAP



type B



## Clip-on safety cap (closed version)

Clip-on safety cap in polypropylene.

### COLOR

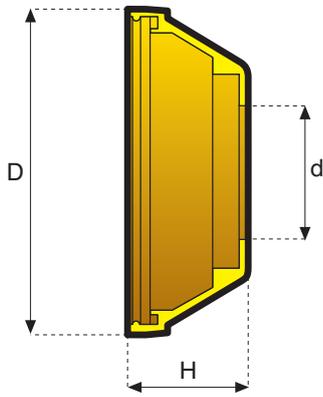
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colors.

safety cap code	Type	D mm	H mm	support code			
50009	B	58.5	28	50205C	52204T	52205G	54205TN
50009	B	58.5	28	50205CB	52204TB	52205GB	54205TNB
50009	B	58.5	28	50205C/SS	52204T/SS	52205G/SS	54205TN/SS
50009	B	58.5	28	50205V	52205A	52205T	60205C
50009	B	58.5	28	50205VB	52205AB	52205TB	62204A
50009	B	58.5	28	50205V/SS	52205A/SS	52205T/SS	62204E
50009	B	58.5	28	52204A	52205E	53205	62204T
50009	B	58.5	28	52204AB	52205EB	53205B	62205A
50009	B	58.5	28	52204A/SS	52205E/SS	53205/SS	62205E
50009	B	58.5	28	52204E	52205F	54205N	62205T
50009	B	58.5	28	52204EB	52205FB	54205NB	63205
50009	B	58.5	28	52204E/SS	52205F/SS	54205N/SS	
50010	B	76	32	50206CA	52206FA	52207G/SS	60206CA
50010	B	76	32	50206CAB	52206FA/SS	52207T	62206A
50010	B	76	32	50206CA/SS	52206F/SS	52207TB	62206E
50010	B	76	32	50206V	52206FB	52207T/SS	62206T
50010	B	76	32	50206VB	52206FBA	53206	62207A
50010	B	76	32	50206V/SS	52206T	53206B	62207E
50010	B	76	32	50207V	52206TB	53206/SS	62207T
50010	B	76	32	50207VB	52206T/SS	53207	63206
50010	B	76	32	50207V/SS	52207A	53207B	63207
50010	B	76	32	52206A	52207AB	53207/SS	
50010	B	76	32	52206AB	52207A/SS	54206N	
50010	B	76	32	52206A/SS	52207E	54206NB	
50010	B	76	32	52206E	52207EB	54206N/SS	
50010	B	76	32	52206EB	52207E/SS	54207N	
50010	B	76	32	52206E/SS	52207G	54207NB	
50010	B	76	32	52206F	52207GB	54207N/SS	
50011	A	69.5	32	51206F	51206L	51206S	51206T
50011	A	69.5	32	51206FB	51206LB	51206SB	51206TB
50012	B	50	19.5	54016ND	54201NSB	54203ND	54204NS
50012	B	50	19.5	54016NDB	54201S	54203NDB	54204NS/SS
50012	B	50	19.5	54016NS	54201SB	54203NS	54204NSB
50012	B	50	19.5	54016NSB	54202ND	54203NSB	54204S
50012	B	50	19.5	54016S	54202NDB	54203S	54204SB
50012	B	50	19.5	54016SB	54202NS	54203SB	54204S/SS
50012	B	50	19.5	54201ND	54202NSB	54204ND	64204S/SS
50012	B	50	19.5	54201NDB	54202S	54204ND/SS	
50012	B	50	19.5	54201NS	54202SB	54204NDB	
50013	B	50	26.5	50204V	53016	53203	54204NB
50013	B	50	26.5	50204VB	53016B	53203B	54204N/SS
50013	B	50	26.5	50204V/SS	53201	53204	54204/SS
50013	B	50	26.5	52205FA	53201B	53204B	63204
50013	B	50	26.5	52205FA/SS	53202	53204/SS	
50013	B	50	26.5	52205FBA	53202B	54204N	
50014	B	84	28	50208V	53208	54208N	63208
50014	B	84	28	50208V/SS	53208B	54208NB	
50014	B	84	28	50208VB	53208/SS	54208N/SS	
50024	B	42	19	50016V	50203VB	54201TN	54203NB
50024	B	42	19	50016VB	54016N	54201TNB	54203TN
50024	B	42	19	50201V	54016NB	54202N	54203TNB
50024	B	42	19	50201VB	54016TN	54202NB	
50024	B	42	19	50202V	54016TNB	54202TN	
50024	B	42	19	50202VB	54201N	54202TNB	
50024	B	42	19	50203V	54201NB	54203N	
50027	B	67.5	32	52206G	52206GB	52206G/SS	

# SAFETY CAP



**type A**



**Clip-on safety cap  
(open version)**

Clip-on safety cap in polypropylene.

**COLOR**

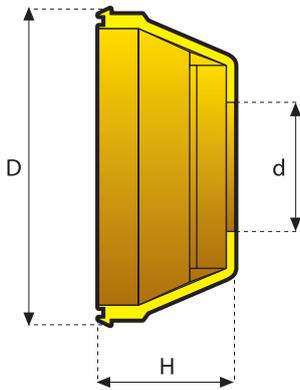
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colors.

safety cap code	Type	D mm	d mm	H mm	support code			
50001.APE	A	80	32	29.5	50205	50206B	50206V/SS-EC	60205
50001.APE	A	80	32	29.5	50205B	50206/SS	54206N-EC	60206
50001.APE	A	80	32	29.5	50205/SS	50206V-EC	54206NB-EC	
50001.APE	A	80	32	29.5	50206	50206VB-EC	54206N/SS-EC	
50002.APE	A	96	42	40	50206CL	50207DB	50208D	54208N-EC
50002.APE	A	96	42	40	50206CLB	50207D/SS	50208DB	54208NB-EC
50002.APE	A	96	42	40	50206CS	50207G	50208D/SS	54208N/SS-EC
50002.APE	A	96	42	40	50206CSB	50207GB	50208F	60206K
50002.APE	A	96	42	40	50206K	50207G/SS	50208FB	60207
50002.APE	A	96	42	40	50206KB	50207K	50208F/SS	60207D
50002.APE	A	96	42	40	50206K/SS	50207KB	50208G	60207G
50002.APE	A	96	42	40	50207	50207K/SS	50208GB	60207K
50002.APE	A	96	42	40	50207B	50208	50208G/SS	60208
50002.APE	A	96	42	40	50207/SS	50208B	50208K	60208D
50002.APE	A	96	42	40	50207CL	50208/SS	50208KB	60208F
50002.APE	A	96	42	40	50207CLB	50208CL	50208K/SS	60208G
50002.APE	A	96	42	40	50207CS	50208CLB	50208V-EC	60208K
50002.APE	A	96	42	40	50207CSB	50208CS	50208VB-EC	
50002.APE	A	96	42	40	50207D	50208CSB	50208V/SS-EC	
50003A.APE	A	71	36	34.5	50204A	50205A/SS	50206LA	60205A
50003A.APE	A	71	36	34.5	50204AB	50205L	50206LA/SS	60205L
50003A.APE	A	71	36	34.5	50204A/SS	50205LA	50206LAB	60205LA
50003A.APE	A	71	36	34.5	50204L	50205LAB	50206LB	60205S
50003A.APE	A	71	36	34.5	50204LB	50205LA/SS	50206L/SS	60206L
50003A.APE	A	71	36	34.5	50204L/SS	50205LB	53206A	60206LA
50003A.APE	A	71	36	34.5	50204S	50205L/SS	53206AB	63206A
50003A.APE	A	71	36	34.5	50204SB	50205S	53206A/SS	
50003A.APE	A	71	36	34.5	50204S/SS	50205SB	60204A	
50003A.APE	A	71	36	34.5	50205A	50205S/SS	60204L	
50003A.APE	A	71	36	34.5	50205AB	50206L	60204S	
50004.APE	A	87.5	43	40.5	50206C	50207C/SS	51208FB	54207NB-EC
50004.APE	A	87.5	43	40.5	50206CB	50207V-EC	51208L	54207N/SS-EC
50004.APE	A	87.5	43	40.5	50206C/SS	50207VB-EC	51208LB	60206C
50004.APE	A	87.5	43	40.5	50206S	50207V/SS-EC	51208S	60206S
50004.APE	A	87.5	43	40.5	50206SB	50208S	51208SB	60207C
50004.APE	A	87.5	43	40.5	50206S/SS	50208SB	51208T	60208S
50004.APE	A	87.5	43	40.5	50207C	50208S/SS	51208TB	
50004.APE	A	87.5	43	40.5	50207CB	51208F	54207N-EC	
50007.APE	A	62	30	30	50204V-EC	53205A	54204N-EC	63205A
50007.APE	A	62	30	30	50204VB-EC	53205AB	54204NB-EC	
50007.APE	A	62	30	30	50204V/SS-EC	53205A/SS	54204N/SS-EC	
50008.APE	A	56	25	29.5	50016V-EC	53204A	54201B	54203B
50008.APE	A	56	25	29.5	50016VB-EC	53204AB	54201N-EC	54203N-EC
50008.APE	A	56	25	29.5	50201V-EC	53204A/SS	54201NB-EC	54203NB-EC
50008.APE	A	56	25	29.5	50201VB-EC	54016	54202	54204
50008.APE	A	56	25	29.5	50202V-EC	54016B	54202B	54204B
50008.APE	A	56	25	29.5	50202VB-EC	54016N-EC	54202N-EC	54204/SS
50008.APE	A	56	25	29.5	50203V-EC	54016NB-EC	54202NB-EC	63204A
50008.APE	A	56	25	29.5	50203VB-EC	54201	54203	64204/SS

# SAFETY CAP



type B



Clip-on safety cap  
(open version)

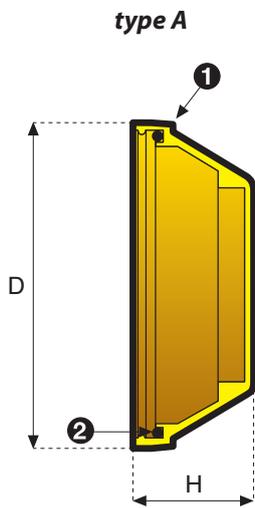
Clip-on safety cap in  
polypropylene.

## COLOR

- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colors.

safety cap code	Type	D mm	d mm	H mm	support code			
50009.APE	B	58.5	28	28	50205C	52204T	52205T	60205C
50009.APE	B	58.5	28	28	50205CB	52204TB	52205TB	62204A
50009.APE	B	58.5	28	28	50205C/SS	52204T/SS	52205T/SS	62204E
50009.APE	B	58.5	28	28	50205V	52205A	53205	62204T
50009.APE	B	58.5	28	28	50205VB	52205AB	53205B	62205A
50009.APE	B	58.5	28	28	50205V/SS	52205A/SS	53205/SS	62205E
50009.APE	B	58.5	28	28	52204A	52205E	54205N	62205T
50009.APE	B	58.5	28	28	52204AB	52205EB	54205NB	63205
50009.APE	B	58.5	28	28	52204A/SS	52205E/SS	54205N/SS	
50009.APE	B	58.5	28	28	52204E	52205F	54205TN	
50009.APE	B	58.5	28	28	52204EB	52205FB	54205TNB	
50009.APE	B	58.5	28	28	52204E/SS	52205F/SS	54205TN/SS	
50010.APE	B	76	40	32	50206CA	52206E/SS	52207EB	54207N
50010.APE	B	76	40	32	50206CAB	52206F	52207E/SS	54207NB
50010.APE	B	76	40	32	50206CA/SS	52206FA	52207T	54207N/SS
50010.APE	B	76	40	32	50206V	52206FA/SS	52207TB	60206CA
50010.APE	B	76	40	32	50206VB	52206FB	52207T/SS	62206A
50010.APE	B	76	40	32	50206V/SS	52206FBA	53206	62206E
50010.APE	B	76	40	32	50207V	52206F/SS	53206B	62206T
50010.APE	B	76	40	32	50207VB	52206T	53206/SS	62207A
50010.APE	B	76	40	32	50207V/SS	52206TB	53207	62207E
50010.APE	B	76	40	32	52206A	52206T/SS	53207B	62207T
50010.APE	B	76	40	32	52206AB	52207A	53207/SS	63206
50010.APE	B	76	40	32	52206A/SS	52207AB	54206N	63207
50010.APE	B	76	40	32	52206E	52207A/SS	54206NB	
50010.APE	B	76	40	32	52206EB	52207E	54206N/SS	
50011.APE	A	69.5	36	32	50205V-EC	51206FB	51206SB	54205NB-EC
50011.APE	A	69.5	36	32	50205VB-EC	51206L	51206T	54205N/SS-EC
50011.APE	A	69.5	36	32	50205V/SS-EC	51206LB	51206TB	
50011.APE	A	69.5	36	32	51206F	51206S	54205N-EC	
50013.APE	B	50	25	26.5	50204V	54016ND	54202NS	54204NDB
50013.APE	B	50	25	26.5	50204VB	54016NDB	54202NSB	54204NS
50013.APE	B	50	25	26.5	50204V/SS	54016NS	54202S	54204NS/SS
50013.APE	B	50	25	26.5	53016	54016NSB	54202SB	54204NSB
50013.APE	B	50	25	26.5	53016B	54016S	54203ND	54204N/SS
50013.APE	B	50	25	26.5	53201	54016SB	54203NDB	54204S
50013.APE	B	50	25	26.5	53201B	54201ND	54203NS	54204/SS
50013.APE	B	50	25	26.5	53202	54201NDB	54203NSB	54204S/SS
50013.APE	B	50	25	26.5	53202B	54201NS	54203S	54204SB
50013.APE	B	50	25	26.5	53203	54201NSB	54203SB	63204
50013.APE	B	50	25	26.5	53203B	54201S	54204N	64204S/SS
50013.APE	B	50	25	26.5	53204	54201SB	54204NB	
50013.APE	B	50	25	26.5	53204B	54202ND	54204ND	
50013.APE	B	50	25	26.5	53204/SS	54202NDB	54204ND/SS	
50014.APE	B	84	44	28	50208V	50208V/SS	53208B	63208
50014.APE	B	84	44	28	50208VB	53208	53208/SS	
50024.APE	B	42	20	19	54016TN	54201TN	54202TN	54203TN
50024.APE	B	42	20	19	54016TNB	54201TNB	54202TNB	54203TNB
50025.APE	B	42	18.5	26	50016V	50202V	54016N	54202N
50025.APE	B	42	18.5	26	50016VB	50202VB	54016NB	54202NB
50025.APE	B	42	18.5	26	50201V	50203V	54201N	54203N
50025.APE	B	42	18.5	26	50201VB	50203VB	54201NB	54203NB
50027.APE	B	67.5	36	32	52206G	52206GB	52206G/SS	

# SAFETY CAP



**type A**  
**Clip-on safety cap (closed version)**

### COMPONENTS

- 1 Clip-on safety cap in polypropylene.
- 2 Heavy duty O-Ring in NBR rubber.

### COLOR

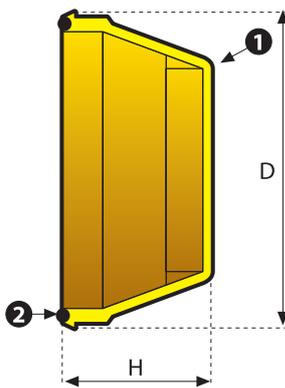
- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colors.

safety cap code	Type	D mm	H mm	support code			
50100	A	80	29.5	50205R	50206RB	50206VRB-EC	54206NRB-EC
50100	A	80	29.5	50205RB	50206RL	50206VRL-EC	54206NRL-EC
50100	A	80	29.5	50206R	50206VR-EC	54206NR-EC	
50101	A	96	40	50206CLBR	50207CSBR	50208CLR	50208NB
50101	A	96	40	50206CLR	50207CSR	50208CLRL	50208NL
50101	A	96	40	50206CLRL	50207CSRL	50208CLRS	50208R
50101	A	96	40	50206CLRS	50207CSRS	50208CSBR	50208RB
50101	A	96	40	50206CSBR	50207M	50208CSBRL	50208RL
50101	A	96	40	50206CSR	50207MB	50208CSR	50208VR-EC
50101	A	96	40	50206CSRL	50207N	50208CSRL	50208VRB-EC
50101	A	96	40	50206CSRS	50207NB	50208CSRS	50208VRL-EC
50101	A	96	40	50206X	50207R	50208FR	54208NR-EC
50101	A	96	40	50206XB	50207RB	50208FRL	54208NRB-EC
50101	A	96	40	50207CLBR	50207X	50208FRB	54208NRL-EC
50101	A	96	40	50207CLR	50207XB	50208M	50208X
50101	A	96	40	50207CLRL	50208CLBR	50208MB	50208XB
50101	A	96	40	50207CLRS	50208CLBRL	50208N	
50102	A	71	34.5	50204AR	50204WB	50205SR	50206AWB
50102	A	71	34.5	50204ARB	50205AR	50205SRB	50206W
50102	A	71	34.5	50204SR	50205ARB	50205W	50206WB
50102	A	71	34.5	50204SRB	50205AW	50205WB	53206AR
50102	A	71	34.5	50204W	50205AWB	50206AW	53206ARB
50103	A	87.5	40.5	50206/OH	50207Y	50208SR	51208SRB
50103	A	87.5	40.5	50206SR	50207YB	50208SRL	54207NR-EC
50103	A	87.5	40.5	50206SRL	50207VR-EC	51208FR	54207NRB-EC
50103	A	87.5	40.5	50206Y	50207VRB-EC	51208FRB	
50103	A	87.5	40.5	50206YB	50208/OH	51208SR	
50104	A	62	30	50204VR-EC	53205AR	54204NR-EC	
50104	A	62	30	50204VRB-EC	53205ARB	54204NRB-EC	
50105	A	56	29.5	50016VR-EC	50203VRB-EC	54201NR-EC	54202ZB
50105	A	56	29.5	50016VRB-EC	53204AR	54201NRB-EC	54203NR-EC
50105	A	56	29.5	50201VR-EC	53204ARB	54201Z	54203NRB-EC
50105	A	56	29.5	50201VRB-EC	54016NR-EC	54201ZB	54203Z
50105	A	56	29.5	50202VR-EC	54016NRB-EC	54202NR-EC	54203ZB
50105	A	56	29.5	50202VRB-EC	54016Z	54202NRB-EC	54204Z
50105	A	56	29.5	50203VR-EC	54016ZB	54202Z	54204ZB
50106	B	58.5	28	50205VR	52204TR	52205FR	53205R
50106	B	58.5	28	50205VRB	52204TRB	52205FRB	53205RB
50106	B	58.5	28	52204AR	52205AR	52205GR	54205NR
50106	B	58.5	28	52204ARB	52205ARB	52205GRB	54205NRB
50106	B	58.5	28	52204ER	52205ER	52205TR	
50106	B	58.5	28	52204ERB	52205ERB	52205TRB	
50107	B	76	32	50206VR	52206ERB	52207ARB	53206RB
50107	B	76	32	50206VRB	52206FR	52207ER	53207R
50107	B	76	32	50206VRL	52206FRA	52207ERB	53207RB
50107	B	76	32	50207VR	52206FRB	52207GR	54206NR
50107	B	76	32	50207VRB	52206FRBA	52207GRB	54206NRB
50107	B	76	32	52206AR	52206TR	52207TR	54206NRL
50107	B	76	32	52206ARB	52206TRB	52207TRB	54207NR
50107	B	76	32	52206ER	52207AR	53206R	54207NRB
50108	A	69.5	32	50205VR-EC	51206FR	51206SR	54205NR-EC
50108	A	69.5	32	50205VRB-EC	51206FRB	51206SRB	54205NRB-EC
50109	B	50	26.5	50204VR	53201RB	54016SZ	54203SZB
50109	B	50	26.5	50204VRB	53202R	54016SZB	54204NR
50109	B	50	26.5	52205FRA	53202RB	54201SZ	54204NRB
50109	B	50	26.5	52205FRBA	53203R	54201SZB	54204SZ
50109	B	50	26.5	53016R	53203RB	54202SZ	54204SZB
50109	B	50	26.5	53016RB	53204R	54202SZB	
50109	B	50	26.5	53201R	53204RB	54203SZ	
50110	B	84	28	50208VR	50208VRL	53208RB	54208NRB
50110	B	84	28	50208VRB	53208R	54208NR	54208NRL
50111	B	42	19	50016VR	50202VR	54016NR	54202NR
50111	B	42	19	50016VRB	50202VRB	54016NRB	54202NRB
50111	B	42	19	50201VR	50203VR	54201NR	54203NR
50111	B	42	19	50201VRB	50203VRB	54201NRB	54203NRB
50112	B	67.5	32	52206GR	52206GBR		

# SAFETY CAP



type B



safety cap code	Type	D mm	H mm	support code			
60100	A	80	29.5	60205R	60206R	60206RL	
60100	A	80	29.5	60205RB	60206RB		
60101	A	96	44	60206X	60207R	60208FRL	60208R
60101	A	96	44	60206XB	60207RB	60208M	60208RB
60101	A	96	44	60207M	60207X	60208MB	60208RL
60101	A	96	44	60207MB	60207XB	60208N	60208X
60101	A	96	44	60207N	60208FR	60208NB	60208XB
60101	A	96	44	60207NB	60208FRB	60208NL	
60102	A	71	34.5	60204AR	60204WB	60205SR	60206AWB
60102	A	71	34.5	60204ARB	60205AR	60205SRB	60206W
60102	A	71	34.5	60204SR	60205ARB	60205W	60206WB
60102	A	71	34.5	60204SRB	60205AW	60205WB	63206AR
60102	A	71	34.5	60204W	60205AWB	60206AW	63206ARB
60103	A	87.5	40.5	60206/OH	60206Y	60207YB	60208SRL
60103	A	87.5	40.5	60206SR	60206YB	60208/OH	
60103	A	87.5	40.5	60206SRL	60207Y	60208SR	
60104	A	62	30.5	63205AR	63205ARB		
60105	A	56	29.5	63204AR	64016ZB	64202Z	64203ZB
60105	A	56	29.5	63204ARB	64201Z	64202ZB	64204Z
60105	A	56	29.5	64016Z	64201ZB	64203Z	64204ZB
60106	B	58.5	28	62204AR	62204TR	62205ER	63205R
60106	B	58.5	28	62204ARB	62204TRB	62205ERB	63205RB
60106	B	58.5	28	62204ER	62205AR	62205TR	
60106	B	58.5	28	62204ERB	62205ARB	62205TRB	
60107	B	76	32	62206AR	62206TR	62207ER	63206R
60107	B	76	32	62206ARB	62206TRB	62207ERB	63206RB
60107	B	76	32	62206ER	62207AR	62207TR	63207R
60107	B	76	32	62206ERB	62207ARB	62207TRB	63207RB
60109	B	50	26.5	63016R	63202RB	64016SZ	64202SZB
60109	B	50	26.5	63016RB	63203R	64016SZB	64203SZ
60109	B	50	26.5	63201R	63203RB	64201SZ	64203SZB
60109	B	50	26.5	63201RB	63204R	64201SZB	64204SZ
60109	B	50	26.5	63202R	63204RB	64202SZ	64204SZB
60110	B	84	28	63208R	63208RB		

## Clip-on safety cap (closed version)

### COMPONENTS

- 1 Clip-on safety cap in polypropylene.
- 2 Heavy duty O-Ring in VITON.

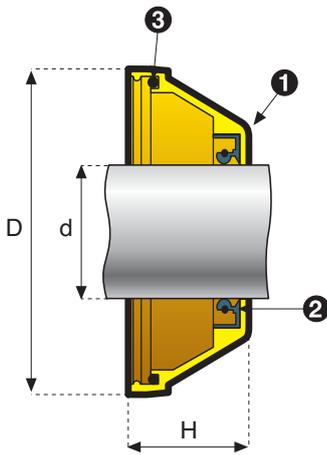
### COLOR

- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colors.

# SAFETY CAP



type A



Clip-on safety cap  
(open version)

## COMPONENTS

- 1 Clip-on safety cap in polypropylene.
- 2 Rotary shaft seal ring with extra dust protection lip in NBR rubber.
- 3 Heavy duty O-Ring in NBR rubber.

## COLOR

- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colors.

safety cap code	Type	d mm	D mm	H mm	support code			
50051	A	25	80	29.5	55205R	55205RB		
50052	A	30	80	29.5	55206R	55206VRB-EC	59206NR-EC	
50052	A	30	80	29.5	55206RB	55206VRB-EC	59206NRB-EC	
50052	A	30	80	29.5	55206RL	55206VRL-EC	59206NRL-EC	
50053	A	30	96	40	55206CLRB	55206CRL	55206CSRL	55206XB
50053	A	30	96	40	55206CLRL	55206CSBR	55206CSRS	
50053	A	30	96	40	55206CLRS	55206CSR	55206X	
50054	A	35	96	40	55207CLBR	55207CSBR	55207M	55207R
50054	A	35	96	40	55207CLR	55207CSR	55207MB	55207RB
50054	A	35	96	40	55207CLRL	55207CSRL	55207N	55207X
50054	A	35	96	40	55207CLRS	55207CSRS	55207NB	55207XB
50055	A	40	96	40	55208CLBR	55208CSRL	55208NB	55208X
50055	A	40	96	40	55208CLBRL	55208CSRS	55208NL	55208XB
50055	A	40	96	40	55208CLR	55208FR	55208R	59208NR-EC
50055	A	40	96	40	55208CLRL	55208FRB	55208RB	59208NRB-EC
50055	A	40	96	40	55208CLRS	55208FRL	55208RL	59208NRL-EC
50055	A	40	96	40	55208CSBR	55208M	55208VR-EC	
50055	A	40	96	40	55208CSBRL	55208MB	55208VRB-EC	
50055	A	40	96	40	55208CSR	55208N	55208VRL-EC	
50056	A	20	71	34.5	55204AR	55204SR	55204W	
50056	A	20	71	34.5	55204ARB	55204SRB	55204WB	
50057	A	25	71	34.5	55205AR	55205AW	55205SR	55205W
50057	A	25	71	34.5	55205ARB	55205AWB	55205SRB	55205WB
50058	A	30	71	34.5	55206AW	55206W	58206AR	
50058	A	30	71	34.5	55206AWB	55206WB	58206ARB	
50059	A	30	87.5	40.5	55206/OH	55206SRL	55206YB	
50059	A	30	87.5	40.5	55206SR	55206Y		
50060	A	35	87.5	40.5	55207Y	55207VR-EC	59207NR-EC	
50060	A	35	87.5	40.5	55207YB	55207VRB-EC	59207NRB-EC	
50061	A	25	62	30	58205AR	58205ARB		
50062	A	20	56	29.5	58204AR	58204ARB	59204Z	59204ZB
50063	A	40	87.5	40.5	55208/OH	55208SRL	56208FRB	56208SRB
50063	A	40	87.5	40.5	55208SR	56208FR	56208SR	
50064	A	12	56	29.5	55201VR-EC	59201NR-EC	59201Z	
50064	A	12	56	29.5	55201VRB-EC	59201NRB-EC	59201ZB	
50065	A	15	56	29.5	55202VR-EC	59202NR-EC	59202Z	
50065	A	15	56	29.5	55202VRB-EC	59202NRB-EC	59202ZB	
50066	A	16	56	29.5	55016VR-EC	59016NR-EC	59016Z	
50066	A	16	56	29.5	55016VRB-EC	59016NRB-EC	59016ZB	
50067	A	17	56	29.5	55203VR-EC	59203NR-EC	59203Z	
50067	A	17	56	29.5	55203VRB-EC	59203NRB-EC	59203ZB	
50068	A	20	62	30	55204VR-EC	55204VRB-EC	59204NR-EC	59204NRB-EC
50069	A	25	69.5	32	55205VR-EC	55205VRB-EC	59205NR-EC	59205NRB-EC
50072	A	20	58.5	28	57204AR	57204ER	57204TR	
50072	A	20	58.5	28	57204ARB	57204ERB	57204TRB	
50073	B	25	58.5	28	55205VR	57205ER	57205GR	58205R
50073	B	25	58.5	28	55205VRB	57205ERB	57205GRB	58205RB
50073	B	25	58.5	28	57205AR	57205FR	57205TR	59205NR
50073	B	25	58.5	28	57205ARB	57205FRB	57205TRB	59205NRB
50074	B	30	76	32	55206VR	57206ARB	57206FRB	58206RB
50074	B	30	76	32	55206VRB	57206ARB	57206FRB	59206NR
50074	B	30	76	32	55206VRL	57206ERB	57206TRB	59206NRB
50074	B	30	76	32	57206AR	57206FR	58206R	59206NRL
50075	B	35	76	32	55207VR	57207ER	57207TR	59207NR
50075	B	35	76	32	55207VRB	57207ERB	57207TRB	59207NRB
50075	B	35	76	32	57207AR	57207GR	58207R	
50075	B	35	76	32	57207ARB	57207GRB	58207RB	
50076	A	30	69.5	32	56206FR	56206FRB	56206SR	56206SRB
50077	B	12	50	26.5	58201R	58201RB	59201SZ	59201SZB
50078	B	15	50	26.5	58202R	58202RB	59202SZ	59202SZB
50079	B	16	50	26.5	58016R	58016RB	59016SZ	59016SZB
50080	B	17	50	26.5	58203R	58203RB	59203SZ	59203SZB
50081	B	20	50	26.5	55204VR	57205FRBA	59204HR	59204NRB
50081	B	20	50	26.5	55204VRB	58204R	59204HRB	59204SZ
50081	B	20	50	26.5	57205FRA	58204RB	59204NR	59204SZB
50082	B	40	84	28	55208QR	55208VRB	58208RB	59208NRL
50082	B	40	84	28	55208QRB	55208VRL	59208NR	
50082	B	40	84	28	55208VR	58208R	59208NRB	
50083	B	12	42	26	55201VR	55201VRB	59201NR	59201NRB
50084	B	15	42	26	55202VR	55202VRB	59202NR	59202NRB
50085	B	16	42	26	55016VR	55016VRB	59016NR	59016NRB
50086	B	17	42	26	55203VR	55203VRB	59203NR	59203NRB
50087	B	30	67.5	32	57206GR	57206GRB		
50088	B	25	76	32	57206FRA	57206FRBA		

# SAFETY CAP



**type B**

## Clip-on safety cap (open version)

### COMPONENTS

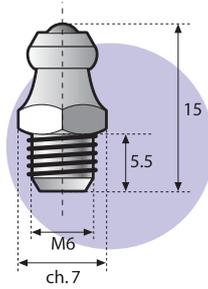
- 1 Clip-on safety cap in polypropylene.
- 2 Rotary shaft seal ring with extra dust protection lip in VITON.
- 3 Heavy duty O-Ring in VITON.

### COLOR

- Safety cap in yellow.
- For sufficient quantities parts can be produced in different colors.

safety cap code	Type	d mm	D mm	H mm	support code			
60051	A	25	80	29.5	65205R	65205RB		
60052	A	30	80	29.5	65206R	65206RB	65206RL	
60053	A	30	96	44	65206X	65206XB		
60054	A	35	96	44	65207M	65207N	65207R	65207X
60054	A	35	96	44	65207MB	65207NB	65207RB	65207XB
60055	A	40	96	44	65208FR	65208MB	65208R	65208XB
60055	A	40	96	44	65208FRB	65208N	65208RB	
60055	A	40	96	44	65208FRL	65208NB	65208RL	
60055	A	40	96	44	65208M	65208NL	65208X	
60056	A	20	71	34.5	65204AR	65204SR	65204W	
60056	A	20	71	34.5	65204ARB	65204SRB	65204WB	
60057	A	25	71	34.5	65205AR	65205AW	65205SR	65205W
60057	A	25	71	34.5	65205ARB	65205AWB	65205SRB	65205WB
60058	A	30	71	34.5	65206AW	65206W		
60058	A	30	71	34.5	65206AWB	65206WB	68206ARB	
60059	A	30	87.5	40.5	65206/OH	65206SRL	65206YB	
60059	A	30	87.5	40.5	65206SR	65206Y		
60060	A	35	87.5	40.5	65207Y	65207YB		
60061	A	25	62	30.5	68205AR	68205ARB		
60062	A	20	56	29.5	68204AR	68204ARB	69204Z	69204ZB
60063	A	40	87.5	40.5	65208/OH	65208SR	65208SRL	
60064	A	12	56	29.5	69201Z	69201ZB		
60065	A	15	56	29.5	69202Z	69202ZB		
60066	A	16	56	29.5	69016Z	69016ZB		
60067	A	17	56	29.5	69203Z	69203ZB		
60072	B	20	58.5	28	67204AR	67204ER	67204TR	
60072	B	20	58.5	28	67204ARB	67204ERB	67204TRB	
60073	B	25	58.5	28	67205AR	67205ER	67205TR	68205R
60073	B	25	58.5	28	67205ARB	67205ERB	67205TRB	68205RB
60074	B	30	76	32	67206AR	67206ER	67206TR	68206R
60074	B	30	76	32	67206ARB	67206ERB	67206TRB	68206RB
60075	B	35	76	32	67207AR	67207ER	67207TR	68207R
60075	B	35	76	32	67207ARB	67207ERB	67207TRB	68207RB
60077	B	12	50	26.5	68201R	68201RB	69201SZ	69201SZB
60078	B	15	50	26.5	68202R	68202RB	69202SZ	69202SZB
60079	B	16	50	26.5	68016R	68016RB	69016SZ	69016SZB
60080	B	17	50	26.5	68203R	68203RB	69203SZ	69203SZB
60081	B	20	50	26.5	68204R	68204RB	69204SZ	69204SZB
60082	B	40	84	28	68208R	68208RB		

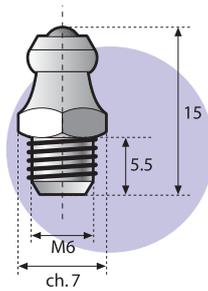
# ACCESSORIES



## **Ball-Type grease-nipple M6**

**MATERIAL**  
nickel plated brass

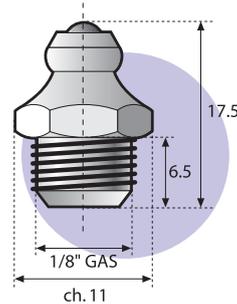
Code 50019



## **Ball-Type grease-nipple M6**

**MATERIAL**  
stainless steel AISI 304

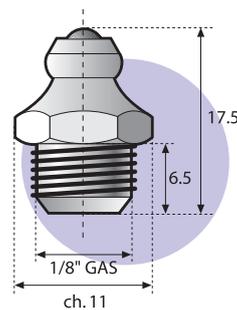
Code 50020



## **Ball-Type grease-nipple 1/8" gas**

**MATERIAL**  
nickel plated brass

Code 50021

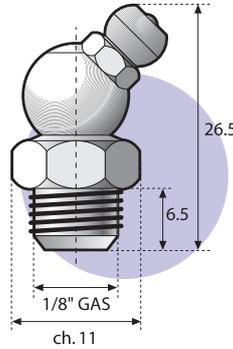


## **Ball-Type grease-nipple 1/8" gas**

**MATERIAL**  
stainless steel AISI 304

Code 50022

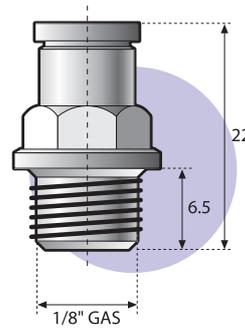
# ACCESSORIES



**Ball-Type  
grease-nipple  
45° degree**

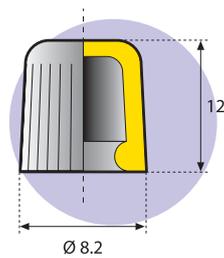
**MATERIAL**  
nickel plated brass

Code 50023



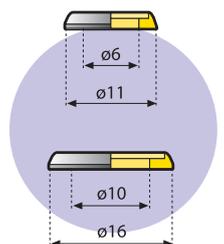
**Rapid coupling  
thread 1/8" gas  
for Ø tube 4 mm**

Code 50005



**Cap for ball grease  
nipple**

Code 50006



**Washer for  
grease nipple M6**

**MATERIAL**  
Polyethylene yellow

Code 50015

**Washer for  
grease nipple 1/8" gas**

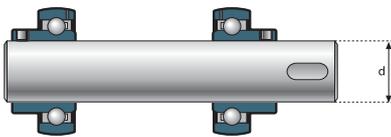
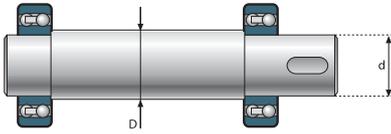
**MATERIAL**  
Polyethylene yellow

Code 50018





# FEATURES



## SHOULDERED SHAFTS

Series F supports have been designed:

- To be adaptable to shaft deflections.
- To resist chemical agents.
- To support radial loads.

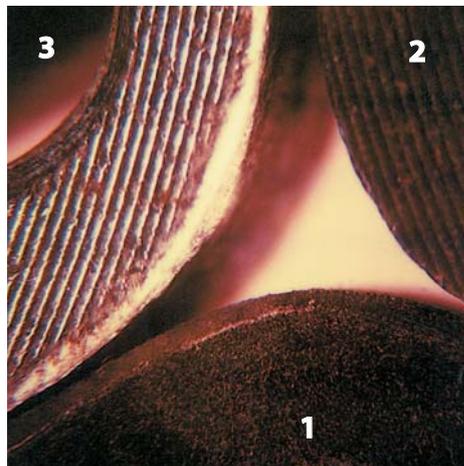
## PLAIN SHAFTS

Supports for shafts with constant diameter (plain) have main characteristics:

- Compensation for mistakes in alignment.
- Adaptability to shaft deflections.
- Resistance against chemical agents.
- Support of radial loads.
- Support of light axial loads.
- High load capacity.

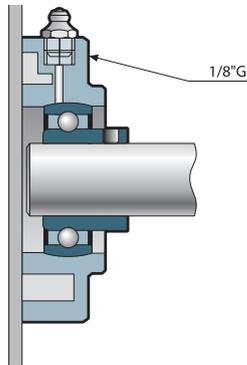
## FEATURES

- "Bearing Line" supports guarantee a high reliability.
- Modern technology used in all phases of workmanship and first quality materials ensure a quality product.
- "Bearing Line" supports can be used in most applications. The main advantages are their light weight, their resistance against chemical agents and corrosion, their mechanical strength, their easy cleaning, and their safety features.



*This picture shows the support surface of one of our supports (1) compared with the surface of cast iron supports (2 - 3) of well known brands.*

# LUBRICATION AND MAINTENANCE



All "Bearing Line" supports are normally supplied with grease-nipple (picture 1). In the table you find the grease-nipple corresponding to their support. If the support is uneasy to reach, or in case of centralized lubrication, a rapid coupling joint (Cod. 50005) for tube in Rilsan Ø4 mm is available (picture 2).

## TYPE OF LUBRICANT

The recommended lubricant is grease with lithium soap (consistency 2½ or 3) which is water resistant and can be used with temperatures from -20° C to + 120° C.

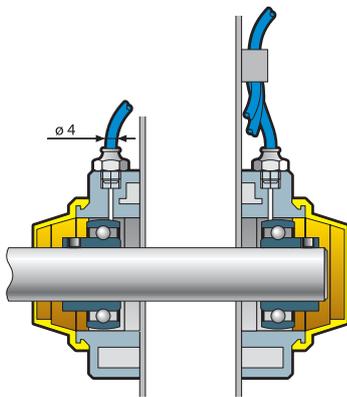
## PRE-LUBRICATION

Initial lubrication is only recommended for supports series F1200 - FC 1200. Lips of seals must be lubricated during assembly, in order to avoid damage during the first revolutions of the shaft.

## RE-LUBRICATION

Bearing supports must be lubricated while moving, so that grease can cover the whole surface of balls.

Grease must be introduced slowly, often and in small quantities.



## LUBRICATION INTERVAL

Lubrication periods depend on use conditions of bearing supports. Dust, humidity, load, temperature significantly affect the length of time between re-lubrication.

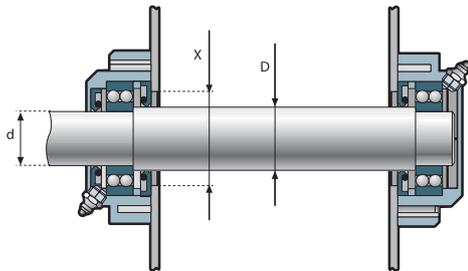
The table shows indicative values for re-lubrication periods.

Support type	Grease-nipple type
F/FC	1/8" GAS
SFL/SFL-Z	M6
UCF/UCF-R	1/8" GAS
UCFC/UCFC-Y	1/8" GAS
UCFH/UCFH-R	M6
UCFL/UCFL-W	1/8" GAS
UCHA/UCHA-R	M6
UCHE/UCHE-R	M6
UCP/UCP-R	M6
UCPA/UCPA-R	M6
UCT/UCT-R	M6
UFL/UFL-Z	M6
US/US-R	M6
UCFQ/UCFQ-R	M6
CS/CS-R	M6
CL/CL-R	M6
UCFT	M6
UCFA/UCFA-R	M6
UCFG/UCFG-R	M6
SQL	M6

Use conditions	temperature	re-lubrication period
clean	up to 50 °C	1 - 2 years
clean	50 ÷ 70 °C	4 - 8 months
clean	70 ÷ 100 °C	1 - 3 months
dirty	up to 70 °C	2 - 8 weeks
dirty	70 ÷ 100 °C	2 - 4 weeks
humid + wet	-	1 - 2 weeks

# MOUNTING INSTRUCTIONS

## FLANGED BEARING SUPPORTS FOR SHOULDERED SHAFTS

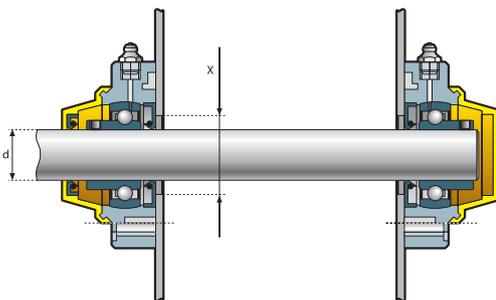


Dimension "X" must be maintained to obtain tightness of supports.

### Dimensions shaft/bore

<i>d mm</i>	<i>D mm</i>	<i>X mm</i>
25	30	35 ÷ 45
30	35	45 ÷ 55
35	40	50 ÷ 60
40	45	55 ÷ 70

## FLANGED BEARING SUPPORTS FOR PLAIN SHAFTS



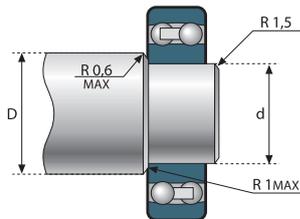
Dimension "X" must be maintained using supports with seals.

<i>d mm</i>	<i>X mm</i>
12	20 ÷ 35
15	20 ÷ 35
16	22 ÷ 35
17	22 ÷ 35
20	30 ÷ 42

<i>d mm</i>	<i>X mm</i>
25	35 ÷ 45
30	45 ÷ 55
35	50 ÷ 60
40	55 ÷ 70

# MOUNTING INSTRUCTIONS

## FLANGED BEARING SUPPORTS FOR SHOULDERED SHAFTS



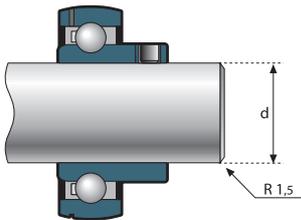
The drawing shows some values that must be carefully maintained.

Diameter "d" near the bearing must have a tolerance between -0,02 mm and -0,05 mm.

With heavy radial loads the coupling must be slightly forced.

*Coupling  
shaft/support*

## FLANGED BEARING SUPPORTS FOR PLAIN SHAFTS

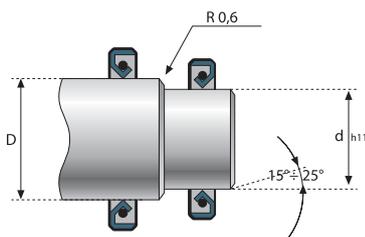


Both ends of the shaft must be made round in order to simplify assembly of supports.

Tolerance of shaft depends on diameter and number of revolutions.

Low speeds	Average speed	High speeds
h 9	h 8	h 7

## FLANGED BEARING SUPPORTS FOR SHOULDERED SHAFTS



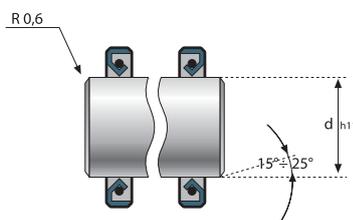
The drawing shows chamfers and radii necessary to mount supports with seals correctly.

The shaft surface must be smooth and without defects.

Seal lips and shaft must be well lubricated before assembly.

*Coupling  
shaft/seals*

## FLANGED BEARING SUPPORTS FOR PLAIN SHAFTS

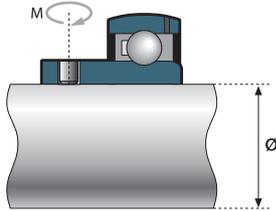


The drawing shows chamfers and radii necessary to mount supports with seals correctly.

The shaft surface must be smooth and without defects.

Seal lips and shaft must be well lubricated before assembly.

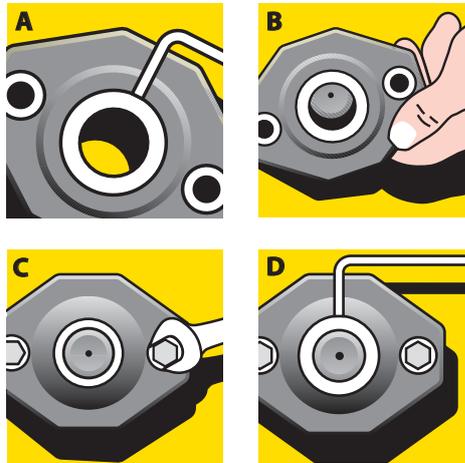
# MOUNTING INSTRUCTIONS



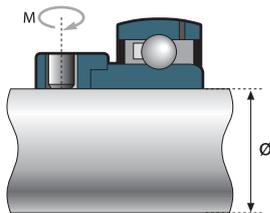
## LOCKING WITH GRUB SCREWS

In case of low speed and normal load we suggest grub screws should be tightened according to the values shown in the table. A more effective tightening can be achieved fixing the grub screws to a hole in the shaft during assembly.

Ø	Grub screw size	Recommended driving torque	Set screw maximum axial load
	G (mm)	M (Nm)	F (N)
12-15-16-17-20-25	M6x0.75	3	2500
30	M6x0.75	3	2500
45	M6x0.75	3	2500
40	M8x1.00	7	3500



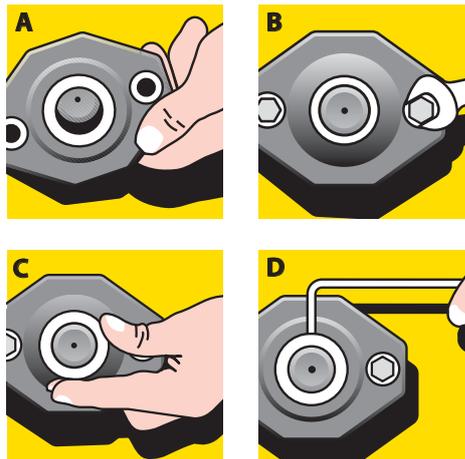
- A. Unscrew the grub screws in order to free the bearing hole.
- B. Insert the bearing on the shaft.
- C. Tighten bolts on both sides.
- D. Tighten screws according to recommended driving torque.



## LOCKING WITH ECCENTRIC RING

Locking may be achieved rotating the ring. The ring has a blind hole that simplifies the locking between bearing and shaft. The grub screw prevents the ring from releasing the shaft. Recommended maximum driving torque is shown in the table.

Ø	Grub screw size	Recommended driving torque	Set screw maximum axial load
	G (mm)	M (Nm)	F (N)
12-15-16-17-20-25	M6x0.75	3	2500
30	M8x1.00	7	3500
45	M10x1.25	12	5000
40	M10x1.25	12	5000



- A. Insert bearing and housing on the shaft.
- B. Tighten bolts on both sides.
- C. Insert and block the eccentric ring.
- D. Tighten the ring screws according to recommended driving torque.

# CALCULATION

## OF LOAD CAPACITY AND BEARING LIFE

### Choice of bearing dimensions

$F_s$	working conditions
1	Normal working conditions
1,5	Insert subject to vibrations or shocks
2 ÷ 2,5	Noiseless applications.

### LOAD COEFFICIENTS

Dynamic load coefficient  $C$  is used for calculating life of bearings under dynamic loads. Static load coefficient  $C_o$  is used for bearings running at very low speeds or remaining still under load.

Load coefficients are shown in the supports tables.

### BEARING LIFE UNDER DYNAMIC LOADS

Life of bearing is the number of revolutions, or the number of hours, bearings can run without showing any sign of damage or deterioration in any of their components.

Basic life can be calculated with the following formula:

$$L_{10} = \left( \frac{C}{P} \right)^3$$

where:  $L_{10}$  = life in millions of revolutions.  
 $C$  = dynamic load coefficient in N.  
 $P$  = equivalent dynamic load in N.

When bearings run at constant speed, their life can be determined in working hours:

$$L_{10h} = \frac{1.000.000}{60 n} \left( \frac{C}{P} \right)^3$$

where:  $L_{10h}$  = life in hours.  
 $n$  = speed in rpm.

### STATIC LOAD CAPACITY

Bearings dimensions are based on static load coefficient  $C_o$ , and not on their life, in the following cases:

- when bearings are not running and are subject to shocks.
- when bearings are subject to slow oscillation under load.

Equivalent static load can be calculated with the following formula:

$$P_o = X_o F_r + Y_o F_a$$

where:  $P_o$  = equivalent static load.  
 $X_o$  = radial static factor.  
 $Y_o$  = axial static factor.  
 $F_r$  = radial load in N.  
 $F_a$  = axial load in N.

(See calculation of equivalent load)

Then calculate  $f_s = \frac{C_o}{P_o}$

where:  $f_s$  = static load safety factor.  
 $C_o$  = static load coefficient in N.  
 $P_o$  = equivalent static load in N.

If  $f_s$  value is less than value shown in the table, an insert with a higher  $C_o$  must be chosen.

# CALCULATION

## OF LOAD CAPACITY AND BEARING LIFE

### SUPPORTS SERIES F - FC

#### DYNAMIC LOAD (RADIAL)

$$P = F_r$$

where:  $P$  = equivalent dynamic load in N.  
 $F_r$  = radial load in N.

#### COMBINED DYNAMIC LOAD (RADIAL + AXIAL)

$$P = F_r + Y_1 F_a \quad \text{with} = \frac{F_a}{F_r} \leq e$$

where:  $P$  = equivalent dynamic load in N.  
 $F_r$  = radial load in N.  
 $F_a$  = axial load in N.  
 $Y$  = axial load factor.

$$P = 0,65F_r + Y_2 F_a \quad \text{with} = \frac{F_a}{F_r} > e$$

(See table below)

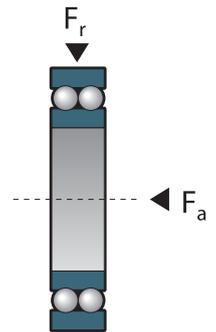
#### COMBINED STATIC LOAD (RADIAL + AXIAL)

$$P_o = F_r + Y_o F_a$$

where:  $P_o$  = equivalent static load in N.  
 $F_r$  = radial load in N.  
 $F_a$  = axial load in N.  
 $Y$  = axial load factor.

(See table below)

### Calculation of equivalent load



Bearing type	e	Y <sub>o</sub>	Y <sub>1</sub>	Y <sub>2</sub>
1205	0.28	2.4	2.3	3.5
1206	0.24	2.8	2.6	4.1
1207	0.23	2.9	2.7	4.2
1208	0.22	3.0	2.9	4.4

### SUPPORTS SERIES UC - UF

#### DYNAMIC LOAD (RADIAL)

$$P = F_r$$

where:  $P$  = equivalent dynamic load in N.  
 $F_r$  = radial load in N.

#### COMBINED DYNAMIC LOAD (RADIAL + AXIAL)

$$P = XF_r + YF_a$$

where:  $P$  = equivalent dynamic load in N.  
 $F_r$  = radial load in N.  
 $F_a$  = axial load in N.  
 $X$  = radial load factor.  
 $Y$  = axial load factor.

(See table below)

#### COMBINED STATIC LOAD (RADIAL + AXIAL)

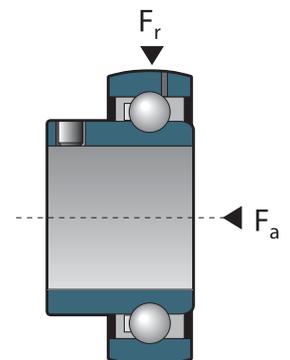
$$P_o = 0,6F_r + 0,5F_a$$

where:  $P_o$  = equivalent static load in N.  
 $F_r$  = radial load in N.  
 $F_a$  = axial load in N.

If  $P_o < F_r$  then consider  $P_o = F_r$

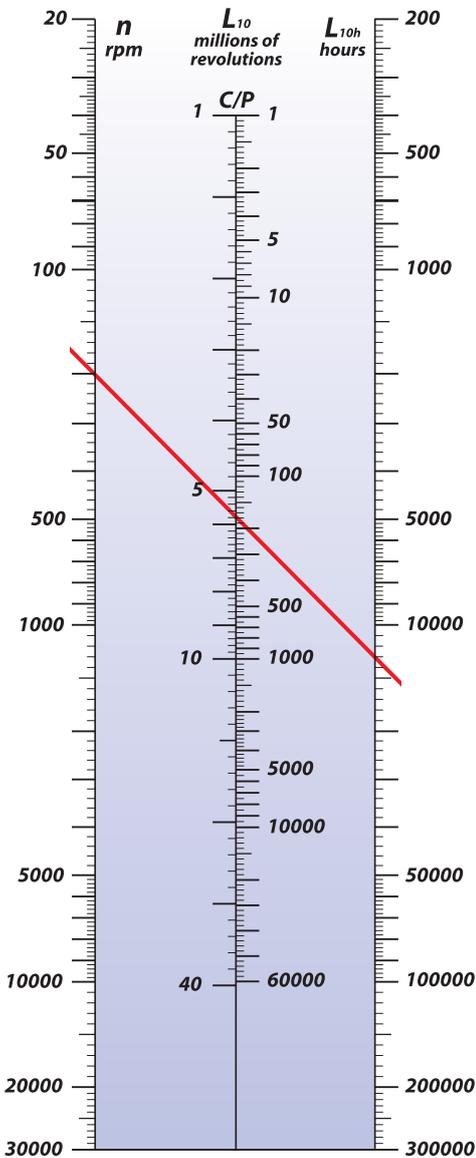
#### IMPORTANT: $F_a \leq 20\% C$

- Calculate  $F_a/C_o$  ratio
- Compare result with value  $e$
- Use  $X$  and  $Y$  factors in relation to  $F_a/C_o$  ratio and to value.



Calculation factors					
Fa/Co	e	Fa/Fr ≤ e		Fa/Fr > e	
		X	Y	X	Y
0.025	0.22	1	0	0.56	2
0.04	0.24	1	0	0.56	18
0.07	0.27	1	0	0.56	16
0.13	0.31	1	0	0.56	14
0.25	0.37	1	0	0.56	12
0.5	0.44	1	0	0.56	1

# CALCULATION OF LOAD CAPACITY AND BEARING LIFE



Bearing life can be determined in relation to the revolutions per minute (**rpm**) and the **C/P** ratio, as shown in the graph below:

## Bearing life

### HOW TO USE THE GRAPH

data:  $n = 200 \text{ rpm}$        $P = 4000 \text{ N}$   
 $C = 22400 \text{ N}$        $C_o = 17900 \text{ N}$

$$\text{calculate } C/P = \frac{22400}{4000} = 5,6$$

results:  $L_{10} \cong 180 \text{ millions of revolutions}$   
 $L_{10h} \cong 15.000 \text{ hours}$

### CALCULATION EXAMPLE

Using calculation formulae previously shown it is possible to solve this calculation example with the help of the graph:

$n = 200 \text{ rpm}$        $P = 4000 \text{ N}$   
 $C = 22400 \text{ N}$        $C_o = 17900 \text{ N}$

$$L_{10} = \left( \frac{C}{P} \right)^3 = \left( \frac{22400}{4000} \right)^3 =$$

= 175,6 millions of revolutions

$$L_{10h} = \frac{1.000.000}{60 n} \left( \frac{C}{P} \right)^3 = \frac{1.000.000}{60 \cdot 200} \left( \frac{22400}{4000} \right)^3 =$$

= 14.635 hours

Graph for life calculation

Shaft <i>d</i> mm	Speeds for shaft tolerances				
	<i>h6</i>	<i>h7</i>	<i>h8</i>	<i>h9</i>	<i>h11</i>
	rpm				
LIMITING SPEEDS - SHAFT TOLERANCE					
12	9500	6000	4300	1500	950
15	9500	6000	4300	1500	950
16	9500	6000	4300	1500	950
17	9500	6000	4300	1500	950
20	8500	5300	3800	1300	850
25	7000	4500	3200	1000	700
30	6300	4000	2800	900	630
35	5300	3400	2200	750	530
40	4800	3000	1900	670	480

## Limiting speeds

# PRODUCTION PROGRAM

Series <b>F</b>				
d 25		13000 (6200)	12000 (5800)	3500 (3100)
30		12000 (5600)	11200 (5300)	3500 (3100)
35		11500 (5300)	10000 (5000)	3200 (3000)
40	mm	11500 (5000)	10000 (4700)	3200 (3000)

Series <b>FC</b>				
d 30		13000 (6000)	12000 (5800)	3500 (3000)
35	mm	12800 (6000)	11000 (5300)	3200 (3000)

Series <b>SFL / SFL-Z</b>				
d 12-15-16-17		7000 3200	6500 3000	3000 2000
20	mm	6200 2900	6000 2800	2800 1800

Series <b>SQL</b>				
d 12-15-16-17		6500 (-)	6000 (-)	2800 (-)
20	mm	5800 (-)	5300 (-)	2500 (-)

Series <b>UCFQ / UCFQ-R</b>				
d 12 - 15 - 16 - 17		12000 (-)	12000 (-)	3500 (-)
20		12500 (-)	11500 (-)	3200 (-)
25		12500 (-)	11500 (-)	3200 (-)
30		12800 (-)	11000 (-)	3200 (-)
35		12300 (-)	10500 (-)	3000 (-)
40	mm	12000 (-)	10000 (-)	3000 (-)

Series <b>UCF / UCF-R</b>				
d 20 - 25		13000 (6200)	12000 (5800)	3500 (3100)
30		13000 (6000)	12000 (5800)	3500 (3100)
35		12800 (6000)	11000 (5300)	3200 (3000)
40	mm	12500 (5800)	10800 (5100)	3200 (3000)

## MAX. RADIAL LOAD CAPACITY OF HOUSINGS

- ∞ Values indicated in the table above, are obtained at 23° C.
- ∞ Values indicated in: N.
- ∞ Values of polyamide version (values of polypropylene versions in brackets).
- ∞ For further information please consult catalogue pages regarding bearing type you are interested in.

# PRODUCTION PROGRAM

Series <b>UCFT</b>			
d 12-15-16-17 mm	7000 (-)	7300 (-)	3200 (-)
25 mm	(-)	(-)	(-)

Series <b>UFL / UFL-Z</b>			
d 12-15-16-17	6200 (3200)	6500 (3000)	3000 (2000)
20 mm	5800 (2900)	6000 (2800)	2800 (1800)

Series <b>UCFH / UCFH-R</b>			
d 12 - 15 - 16 - 17	6500 (-)	7000 (-)	3200 (-)
20	7000 (-)	7500 (-)	3000 (-)
25	7500 (-)	8000 (-)	2800 (-)
30	8000 (-)	8800 (-)	2600 (-)
35 mm	8500 (-)	9000 (-)	2600 (-)

Series <b>UCFL / UCFL-W</b>			
d 20	6900 (3200)	7500 (3500)	3800 (3200)
25	6750 (2950)	7200 (3000)	3500 (3100)
30	12000 (5800)	13000 (6000)	3200 (3000)
35	11000 (5300)	12800 (6000)	3200 (3000)
40 mm	10800 (5100)	12850 (5800)	3000 (2800)

Series <b>UCFC / UCFC-Y</b>			
d 25			
30	13000 (6000)	12000 (5800)	3200 (3000)
35 mm	12800 (6000)	11000 (5300)	3200 (3000)

Series <b>UCP / UCP-R</b>				
d 12-15-16-17	6500 (2000)	2000 (1000)	3500 (1500)	1000 (600)
20	8500 (3200)	2600 (1600)	4200 (2000)	1200 (800)
25	10000 (3600)	3100 (1600)	5000 (2100)	1500 (1000)
30	12000 (5500)	3500 (1800)	6000 (2400)	1700 (1200)
35	12500 (6000)	3700 (2000)	6500 (2600)	1800 (1300)
40 mm	13000 (5800)	4000 (2200)	7000 (3200)	1900 (1400)

## MAX. RADIAL LOAD CAPACITY OF HOUSINGS

- ∞ Values indicated in the table above, are obtained at 23° C.
- ∞ Values indicated in: N.
- ∞ Values of polyamide version (values of polypropylene versions in brackets).
- ∞ For further information please consult catalogue pages regarding bearing type you are interested in.

# PRODUCTION PROGRAM

Series UCFA / UCFA-R					
d 20		8000 (-)	2000 (-)	2500 (-)	1000 (-)
25		8500 (-)	3000 (-)	3000 (-)	1300 (-)
30	mm	9000 (-)	3500 (-)	3500 (-)	1500 (-)

Series UCFG / UCFG-R				
d 20		12000 (-)	10000 (-)	2800 (-)
25		12500 (-)	11000 (-)	3200 (-)
30	mm	12800 (-)	11500 (-)	3200 (-)

Series UCPA / UCPA-R					
d 20		6500 (3000)	2000 (1000)	4000 (1600)	1000 (700)
25		7800 (3200)	2500 (1400)	4800 (1800)	1300 (900)
30	mm	11000 (4000)	2900 (1500)	5700 (2000)	1500 (1000)

Series UCT / UCT-R					
d 20		7800 (3200)	2500 (1400)	4800 (1800)	1000 (700)
25		6500 (3000)	2000 (1000)	4000 (1600)	1300 (900)
30		12000 (5500)	3500 (1800)	6000 (2400)	1500 (1000)
35	mm	10000 (3600)	2900 (1500)	5500 (2000)	1700 (1200)

Series UCHA / UCHA-R					
d 20		10000 (3600)	2500 (1400)	4800 (1800)	1000 (700)
25		8500 (3200)	2000 (1000)	4000 (1600)	1300 (900)
30		14000 (6500)	3500 (1800)	6000 (2400)	1500 (1000)
35	mm	12000 (5500)	2900 (1500)	5500 (2000)	1700 (1200)

Series UCHE / UCHE-R					
d 20		10000 (3600)	2500 (1400)	4800 (1800)	1000 (700)
25		8500 (3200)	2000 (1000)	4000 (1600)	1300 (900)
30		14000 (6500)	3500 (1800)	6000 (2400)	1500 (1000)
35	mm	12000 (5500)	2900 (1500)	5500 (2000)	1700 (1200)

## MAX. RADIAL LOAD CAPACITY OF HOUSINGS

- ∞ Values indicated in the table above, are obtained at 23° C.
- ∞ Values indicated in: N.
- ∞ Values of polyamide version (values of polypropylene versions in brackets).
- ∞ For further information please consult catalogue pages regarding bearing type you are interested in.



*Chemical resistance*

# CHEMICAL RESISTANCE

Data shown in the table was taken from laboratory tests performed on unstrained samples and are merely indicative.

Chemical resistance under normal working conditions can depend on various factors, such as stress and temperature, concentration of the chemical agent and duration of its effects.

CHEMICAL AGENT	Polyamide		Polypropylene		Acetal resin		Polyethylene		Nickel plated brass		Rubber		Stainless steel											
	PA		PP		POM		PE		OT.NI.		NBR		VITON		AISI 304									
	C Note % 23°C		C Note % 23°C		C Note % 23°C		C Note % 23°C		C Note % 23°C		C Note % 23°C		C Note % 23°C		C Note % 23°C									
<b>TECHNICAL INFORMATION</b>																								
Acetic acid	S	10	★		40	●		5	★		10	●		○		★		20	★		20	●		
Acetone		100	●			●			○			●				★			★			25	●	
Acrylonitrile		100	●			●										★			★					
Aluminium chloride	S	10	●			○							S		●	S	SA	●					○	
Aluminium sulphate	S	10	●			●						●	S		●	S	SA	●						
Amyl alcohol		100	●			●						●											●	
Ammonia		10	●		30	●	S		●			●		★	S	○	S		○			100	●	
Ammonium chloride	S	10	●	S	10	●							S		●	S	SA	●					○	
Aniline		100	○			●			3	●						★			●				●	
Barium chloride	S	10	●			●							S		●	S		●					○	
Beer			●			●			●			●			●			●					●	
Benzene						●			○														70	○
Benzic acid	S	SA	○		SA	●							S		●	S		●					100	●
Benzol		100	●			○			●			○			★			○						●
Boric acid	S	10	●		SA	●			SA	●			S		●	S	SA	●				SA		●
Brine			○			○						●												○
Butter			●			●			●			●			●			●						●
Butyl acetate		100	●			○												★						
Butyl alcohol		100	●			●									○			●						●
Butyl glycole		100	●			●																		
Calcium chloride	S	10	●	S	50	●			SA	●			S		●	S	SA	●						○
Carbon sulphide		100	●			●			●						★			●						●
Carbon tetrachloride			●			★			●			●			★			●					10	●
Chlorine water						★			★			★												★
Chloroform		100	★			○			★			●			★			●						●
Chromic acid	S	1	○										S		★			50	●			10	●	
Citric acid	S	10	○		10	●			○			●		★	S		●	S	SA	●			25	●
Cyclohexane		100	●			●									●			●						●
Cyclohexanol		100	●			●									●			●						●
Decalin			●			○									○			★						
Dioxane			●			○									★									
Distilled water			●			●			●			●						★						●
Ethyl acetate		100	●			●									★			●						○
Ethyl alcohol		96	●		96	●			●						○			○				10		●
Ethyl chloride		100	●			★			○			○			○			★						●
Ethyl ether		100	●			●												●						●
Ferric chloride	S	10	●			●							S		●	S	SA	●						○
Food fats			●						●			●			●			●						●
Food oils			●			●			●			●			●			●						●
Formaldehyde	S	30	●	S	40	●			○			●			○			40	★			100	●	
Formic acid	S	10	★						10	★			10	★			●			★			○	★
Freon 12	L		●												●			●						●
Fresh water			●			●			●			●			●			●						●
Fruit juice			●			●			●			●			●			●						○
Gasoline			●			○						○			○			●						●
Glycerine			●			●			●			●			●			●						●
Hydrochloric acid	S	10	★	S	30	●			35	★			35	●			○	S		○			37	●
Hydrofluoric acid	S	40	★			40	●						70	●						★			48	●
Hydrogen peroxide	S	3	★												S		★			90	●		●	
Isopropyl alcohol			●			●												●						●
Lactic acid	S	10	●	S	20	●			●			●			★	S		●			●			○
Linseed oil			●			●			●			●			●			●						●

# CHEMICAL RESISTANCE

Data shown in the table was taken from laboratory tests performed on unstrained samples and are merely indicative.

Chemical resistance under normal working conditions can depend on various factors, such as stress and temperature, concentration of the chemical agent and duration of its effects.

CHEMICAL AGENT	Polyamide		Polypropylene		Acetal resin		Polyethylene		Nickel plated brass		Rubber		Stainless steel			
	PA		PP		POM		PE		OT.NI.		NBR		VITON		AISI 304	
	C	% 23°C	C	% 23°C	C	% 23°C	C	% 23°C	C	% 23°C	C	% 23°C	C	% 23°C	C	% 23°C

TECHNICAL INFORMATION																
Magnesium chloride	S	10	●	S	SA	●					S	●	S	SA	●	○
Methyl acetate		100	●			●						★			★	○
Methyl alcohol		100	●				●				●	○			○	80 ●
Methylene chloride		100	●			○	★			○		★			○	○
Milk			●			●				●		●			●	●
Mineral oil			●			●				●		●			●	●
Nitric acid		10	★	S		●	5 ●			5 ○		S	10 ★		70 ●	65 ●
Nitrobenzene		100	○			●						★			○	
Oleic acid		100	●			●				○		●			○	●
Oxalic acid	S	10	○	S	50	●						S	○	S	●	65 ●
Paraffin							●			●						
Petroleum			●			●				★		●			●	●
Petroleum ether			●			●						●			★	●
Phenol	S		★			●						★			●	●
Phosphoric acid	S	10	★			85 ●	10 ★			95 ●		★	S	20 ○	85 ●	★
Potassium bichromate	S	5	○	S	10	●						S	○	S	SA	●
Potassium bromide	S	10	●			SA ●						S	●	S	●	
Potassium hydroxide	S	10	●			50 ●	25 ★			25 ●		S	○	S	●	50 ●
Potassium permanganate		1	★	S		●						S	★	S	●	●
Sea water			●			●				○		●			●	●
Silicone oil			●			●						●			●	●
Silver nitrate			●	S	20	●						S	○	S	●	○
Sodium carbonate		10	●	S	SA	●				●		S	●	S	●	100 ●
Sodium chloride	S	10	●	S	SA	●				●		S	●	S	SA	○
Sodium hydroxide	S	10	●									S	○			●
Sodium hypochlorite	S		●	S	20	●				★		S	★		5 ●	★
Sodium silicate			●									S	●		●	100 ●
Sodium sulphate	S	10	●									S	●	S	●	100 ●
Soft drinks			●			●				●		●			●	●
Suds	S		●			●				●		S	●		●	●
Sulphuric acid	S	10	★			98 ●	40 ★			40 ○		●	S	★	95 ●	★
Tartaric acid			●	S	10	●				30 ○		●			●	50 ●
Tetrahydrofuran			●			○							★		★	
Tetralin			●			★							★		●	★
Tincture of iodine			★			●				●		★			●	○
Toluol			●			●							★		○	
Transformer oil			●			○							●		●	
Trichloroethylene			○			○							★		●	★
Triethanolamin			●			●							★		★	
Turpentine							★			★						●
Vaseline			●							○			●		●	
Vegetable juice			●			●				●			●		●	●
Vegetable oils			●			●				●			●		●	●
Vinegar			●			●				●			○		★	●
Water and soap			●			●				●			●		●	●
Whisky			●			●				●			●		●	●
Wine			●			●				●			●		●	●
Xylol			●			★				○			○		★	●

## ABBREVIATION

C = concentration    SA = saturated    ● = Good resistance.    ★ = Insufficient resistance (not recommended).  
 L = liquid    S = solution    ○ = Fairly good resistance depending on use conditions    Blank spaces = No tests performed





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50001.APE/CG	39	50020	144	50082	142	50204AB	45	50205VR-EC	55	50206V/SS-EC	53	50208CGC-EC	18
50001CG	38	50021	144	50082CG	41	50204AR	47	50205VRB-EC	55	50206W	71	50208CGR-EC	18
50002.APE/CG	39	50022	144	50083	142	50204ARB	47	50205V/SS-EC	53	50206WB	71	50208CGRB-EC	18
50002CG	38	50023	145	50084	142	50204CG-EC	18	50205W	71	50206X	71	50208CGRL-EC	18
50003A.APE/CG	39	50024	137	50085	142	50204CGB-EC	18	50205WB	71	50206XB	71	50208CG/SS-EC	18
50003A.CG	38	50024.APE	139	50086	142	50204CGC-EC	18	50206	45	50206Y	93	50208CL	83
50004.APE/CG	39	50025.APE	139	50087	142	50204CGR-EC	18	50206/SS	45	50206YB	93	50208CLB	83
50004CG	38	50027	137	50088	142	50204CGRB-EC	18	50206AW	71	50207	45	50208CLBR	85
50007.APE/CG	39	50027.APE	139	50088CG	41	50204CG/SS-EC	18	50206AWB	71	50207B	45	50208CLBRL	87
50007CG	38	50051	142	50100	140	50204L	69	50206B	45	50207CG-EC	18	50208CLR	85
50008.APE/CG	39	50052	142	50100CG	40	50204L/SS	69	50206CG-EC	18	50207CGB-EC	18	50208CLRL	87
50008CG	38	50052CG	41	50101	140	50204LB	69	50206CGB-EC	18	50207CGC-EC	18	50208CLRS	85
50009.APE/CG	39	50053	142	50102	140	50204S	45	50206CGC-EC	18	50207CGR-EC	18	50208CS	63
50009CG	38	50054	142	50102CG	40	50204S/SS	45	50206CGR-EC	18	50207CGRB-EC	18	50208CSB	63
50010.APE/CG	39	50055	142	50103	140	50204SB	45	50206CGRB-EC	18	50207CG/SS-EC	18	50208CSBR	65
50010CG	38	50055CG	41	50103CG	30	50204SR	47	50206CGRL-EC	18	50207C	91	50208CSBRL	67
50011.APE/CG	39	50056	142	50104	140	50204SRB	47	50206CG/SS-EC	18	50207C/SS	91	50208CSR	65
50011CG	38	50057	142	50104CG	40	50204V-EC	53	50206C/SS	91	50207CB	91	50208CSRL	67
50013.APE/CG	39	50058	142	50105	140	50204VB-EC	53	50206CA	91	50207CL	83	50208CSRS	65
50013CG	38	50058CG	41	50105CG	40	50204VR-EC	55	50206CA	91	50207CLB	83	50208/OH	47
50014.APE	39	50059	142	50106	140	50204VRB-EC	55	50206CA/SS	91	50207CLBR	85	50208B	45
50014CG	38	50060	142	50106CG	40	50204V/SS-EC	53	50206CAB	91	50207CLR	85	50208D	69
50001.APE	138	50060CG	41	50107	140	50204W	71	50206CB	91	50207CLRL	87	50208D/SS	69
50002	136	50061	142	50107CG	40	50204WB	71	50206CL	83	50207CLRS	85	50208DB	69
50002.APE	138	50061CG	41	50108	140	50205	45	50206CLB	83	50207CS	63	50208F	45
50003	136	50062	142	50108CG	40	50205A	45	50206CLBR	85	50207CSB	63	50208F/SS	45
50003A	136	50062CG	41	50109	140	50205A/SS	45	50206CLR	85	50207CSBR	65	50208FB	45
50003A.APE	138	50063	142	50109CG	40	50205AB	45	50206CLRL	87	50207CSR	65	50208FR	47
50004	136	50064	142	50110	140	50205AR	47	50206CLRS	85	50207CSRL	67	50208FRB	47
50004.APE	138	50064CG	41	50110CG	40	50205ARB	47	50206CS	63	50207CSRS	65	50208FRL	49
50005	145	50065	142	50111	140	50205ARB	47	50206CSB	63	50207D	69	50208G	45
50006	145	50065CG	41	50112	140	50205AW	71	50206CSBR	65	50207D/SS	69	50208G/SS	45
50007	136	50066	142	50201CG-EC	18	50205AWB	71	50206CSR	65	50207DB	69	50208GB	45
50007.APE	138	50066CG	41	50201CG-EC	18	50205B	45	50206CSRL	67	50207G	45	50208K	69
50008	136	50067	142	50201CGB-EC	18	50205CG-EC	18	50206CSRS	65	50207G/SS	45	50208K/SS	69
50008.APE	138	50067CG	41	50201CGR-EC	18	50205CGB-EC	18	50206K	69	50207GB	45	50208KB	69
50009	137	50068	142	50201CGRB-EC	18	50205CGC-EC	18	50206K/SS	69	50207K	69	50208M	71
50009.APE	139	50068CG	41	50201V-EC	53	50205CGR-EC	18	50206KB	69	50207K/SS	69	50208MB	71
50010	137	50069	142	50201VB-EC	53	50205CGRB-EC	18	50206L	69	50207KB	69	50208N	47
50010.APE	139	50069CG	41	50201VR-EC	55	50205CG/SS-EC	18	50206L/SS	69	50207M	71	50208NB	47
50011	136-137	50072	142	50201VRB-EC	55	50205C	91	50206LA	69	50207MB	71	50208NL	49
50011.APE	139	50073	142	50202CG-EC	18	50205C/SS	91	50206LA/SS	69	50207N	47	50208R	47
50012	137	50073CG	41	50202CGB-EC	18	50205CB	91	50206LAB	69	50207NB	47	50208RB	47
50013	137	50074	142	50202CGR-EC	18	50205L	69	50206LB	69	50207R	47	50208RL	49
50013.APE	139	50074CG	41	50202CGRB-EC	18	50205L/SS	69	50206/OH	47	50207RB	47	50208S	45
50014	137	50075	142	50202V-EC	53	50205LA	69	50206R	47	50207SS	45	50208/SS	45
50014.APE	139	50075CG	41	50202VB-EC	53	50205LA/SS	69	50206RB	47	50207V-EC	53	50208S/SS	45
50015	145	50076	142	50202VR-EC	55	50205LAB	69	50206RRL	49	50207VB-EC	53	50208SB	45
50016CGB-EC	18	50077	142	50202VRB-EC	55	50205LB	69	50206S	45	50207VR-EC	55	50208SR	47
50016CG-EC	18	50077CG	41	50203CG-EC	18	50205R	47	50206S/SS	45	50207VRB-EC	55	50208SRL	49
50016CGRB-EC	18	50078	142	50203CGB-EC	18	50205RB	47	50206SB	45	50207V/SS-EC	53	50208V-EC	53
50016CGR-EC	18	50078CG	41	50203CGR-EC	18	50205S	45	50206SR	47	50207X	71	50208VB-EC	53
50016V-EC	53	50079	142	50203CGRB-EC	18	50205SB	45	50206SRL	49	50207XB	71	50208VR-EC	55
50016VB-EC	53	50079CG	41	50203V-EC	53	50205SR	47	50206V-EC	53	50207Y	93	50208VRB-EC	55
50016VR-EC	53	50080	142	50203VB-EC	53	50205SRB	47	50206VB-EC	53	50207YB	93	50208VRL-EC	57
50016VRB-EC	55	50080CG	41	50203VR-EC	55	50205SS	45	50206VR-EC	55	50208	45	50208V/SS-EC	53
50018	145	50081	142	50203VRB-EC	55	50205SS/SS	45	50206VRB-EC	55	50208CG-EC	18	50208X	71
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51205	51	52205CGFR	26	52206FRA	107	53203B	97	53206B	97	54016ZB	75	54203NSB	129
51205A	51	52205CGFRA	26	52206FRB	107	53203CG	22	53206CG	22	54201	73	54203S	125
51206	53	52205CGFRB	26	52206FRBA	107	53203CGB	22	53206CG/SS	22	54201B	73	54203SB	125
51206C	95	52205CGFRBA	26	52206G	109	53203CGR	22	53206CGB	22	54201CG-EC	20	54203SZ	127
51206F	59	52205CGF/SS	26	52206G/SS	109	53203CGRB	22	53206CGC	22	54201CGB-EC	20	54203SZB	127
51206FB	59	52205E	121	52206GB	109	53203R	99	53206CGR	22	54201CGR-EC	20	54203TN	89
51206FR	61	52205E/SS	121	52206GR	111	53203RB	99	53206CGRB	22	54201CGRB-EC	20	54203TNB	89
51206FRB	61	52205EB	121	52206GRB	111	53204	97	53206CGA	24	54201N-EC	77	54203Z	75
51206L	59	52205ER	123	52206T	113	53204/SS	97	53206CGAB	24	54201NB-EC	77	54203ZB	75
51206LB	59	52205ERB	123	52206T/SS	113	53204A	101	53206CGAC	24	54201ND	129	54204	73
51206S	59	52205F	105	52206TB	113	53204A/SS	101	53206CGAR	24	54201NDB	129	54204/SS	73
51206SB	59	52205F/SS	105	52206TR	115	53204AB	101	53206CGARB	24	54201NR-EC	79	54204B	73
51206SR	61	52205FA	105	52206TRB	115	53204AR	103	53206CGA/SS	24	54201NRB-EC	79	54204CG-EC	20
51206SRB	61	52205FA/SS	105	55207A	117	53204ARB	103	53206R	99	54201NS	129	54204CGB-EC	20
51206T	59	52205FB	105	52207A/SS	117	53204B	97	53206RB	99	54201NSB	129	54204CGC-EC	20
51206TB	59	52205FBA	105	52207AB	117	53204CG	22	53207	97	54201S	125	54204CGR-EC	20
51207	51	52205FR	107	52207AR	119	53204CGB	22	53207/SS	97	54201SB	125	54204CGRB-EC	20
51207C	95	52205FRA	107	52207ARB	119	53204CGC	22	53207B	97	54201SZ	127	54204CG/SS-EC	20
51208	51	52205FRB	107	52207E	121	53204CGR	22	53207CG	22	54201SZB	127	54204N-EC	77
51208F	59	52205FRBA	107	52207E/SS	121	53204CGRB	22	53207CGB	22	54201TN	89	54204NB-EC	77
51208FB	59	52205G	109	52207EB	121	53204CG/SS	22	53207CGC	22	54201TNB	89	54204ND	129
51208FR	61	52205G/SS	109	52207ER	123	53204CGA	24	53207CGR	22	54201Z	75	54204ND/SS	129
51208FRB	61	52205GB	109	52207ERB	123	53204CGAB	24	53207CGRB	22	54201ZB	75	54204NDB	129
51208L	59	52205GR	111	52207G	109	53204CGAC	24	53207CG/SS	22	54202	73	54204NR-EC	79
51208LB	59	52205GRB	111	52207G/SS	109	53204CGAR	24	53207R	99	54202B	73	54204NRB-EC	79
51208S	59	52205T	113	52207GB	109	53204CGARB	24	53207RB	99	54202CG-EC	20	54204NS	129
51208SB	59	52205T/SS	113	52207GR	111	53204CGA/SS	24	53208	97	54202CGB-EC	20	54204NSB	129
51208SR	61	52205TB	113	52207GRB	111	53204R	99	53208/SS	97	54202CGR-EC	20	54204N/SS-EC	77
51208SRB	61	52205TR	115	52207T	113	53204RB	99	53208B	97	54202CGRB-EC	20	54204NS/SS	129
51208T	59	52205TRB	115	52207T/SS	113	53205	97	53208CG	22	54202N-EC	77	54204S	125
51208TB	59	52206A	117	52207TB	113	53205/SS	97	53208CGB	22	54202NB-EC	77	54204S/SS	125
52204A	117	52206A/SS	117	52207TR	115	53205A	101	53208CGC	22	54202ND	129	54204SB	125
52204A/SS	117	52206AB	117	52207TRB	115	53205A/SS	101	53208CGR	22	54202NDB	129	54204SZ	127
52204AB	117	52206AR	119	53016	97	53205AB	101	53208CGRB	22	54202NR-EC	79	54204SZB	127
52204AR	119	52206ARB	119	53016CG	22	53205AR	103	53208CG/SS	22	54202NRB-EC	79	54204Z	75
52204ARB	119	52206CGF	26	23016CGB	22	53205ARB	103	53208R	99	54202NS	129	54204ZB	75
52204E	121	52206CGFA	26	53016CGR	22	53205B	97	53208RB	99	54202NSB	129	54205CG-EC	20
52204E/SS	121	52206CGFAC	26	53016CGRB	22	53205CG	22	54016	73	54202NS	125	54205CGB-EC	20
52204EB	121	52206CGFA/SS	26	53016B	97	53205CGB	22	54016B	73	54202S	125	54205CGC-EC	20
52204ER	123	52206CGFB	26	53016R	99	53205CGC	22	54016CG-EC	20	54202SZ	127	54205CGR-EC	20
52204ERB	123	52206CGFBA	26	53016RB	99	53205CGR	22	54016CGB-EC	20	54202SZB	127	54205CGRB-EC	20
52204T	113	52206CGFC	26	53201	97	53205CGRB	22	54016CGR-EC	20	54202TN	89	54205CG/SS-EC	20
52204T/SS	113	522063CGFRA	26	53201B	97	53205CG/SS	22	54016CGRB-EC	20	54202TNB	89	54205N-EC	77
52204TB	113	52206CGFBR	26	53201CG	22	53205CGA	24	54016NB-EC	77	54202Z	75	54205NB-EC	77
52204TR	115	52206CGFRBA	26	53201CGB	22	53205CGAB	24	54016ND	129	54202ZB	75	54205NR-EC	79
52204TRB	115	525206CGF/SS	26	53201CGR	22	53205CGAC	24	54016NDB	129	54203	73	54205NRB-EC	79
52205A	117	52206E	121	53201CGRB	22	53205CGAR	24	54016NDB	129	54203B	73	54205NS/SS-EC	77
52205A/SS	117	52206E/SS	121	53201R	99	53205CGARB	24	54016NR-EC	79	54203CG-EC	20	54205TN	89
52205AB	117	52206EB	121	53201RB	99	53205CGA/SS	24	54016NRB-EC	79	54203CGB-EC	20	54205TN/SS	89
52205AR	119	52206ER	123	53202	97	53205R	99	54016NS	129	54203CGR-EC	20	54205TNB	89
52205ARB	119	52206ERB	123	53202B	97	53205RB	99	54016NSB	129	54203CGRB-EC	20	54206CG-EC	20
52205CGF	26	52206F	105	53202CG	22	53206	97	54016S	125	54203N-EC	77	54206CGB-EC	20
52205CGFA	26	52206F/SS	105	53202CGB	22	53206/SS	97	54016SB	125	54203NB-EC	77	54206CGC-EC	20
52205CGFAC	26	52206FA	105	53202CGR	22	53206A	101	54016SZ	127	54203ND	129	54206CGR-EC	20
52205CGFA/SS	26	52206FA/SS	105	53202CGRB	22	53206A/SS	101	54016SZB	127	54203NDB	129	54206CGRB-EC	20
52205CGFB	26	52206FB	105	53202R	99	53206AB	101	54016TN	89	54203NR-EC	79	54206CGRL-EC	20
52205CGFC	26	52206FBA	105	53202RB	99	53206AR	103	54016TNB	89	54203NRB-EC	79	54206CG/SS-EC	20

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54206NR-EC	79	55205AR	47	55207R	47	57204ARB	119	58203CGRB	22	59202ZB	75	60077	143
54206NRB-EC	79	55205ARB	47	55207RB	47	57204ER	123	58203R	99	59203CGR-EC	20	60078	143
54206NRL-EC	81	55205AW	71	55207VR-EC	55	57204ERB	123	58203RB	99	59203CGRB-EC	20	60079	143
54206N/SS-EC	77	55205AWB	71	55207VRB-EC	55	57204TR	115	58204AR	103	59203NR-EC	79	60080	143
54207CG-EC	20	55205CGR-EC	18	55207X	71	57204TRB	115	58204ARB	103	59203NRB-EC	79	60081	143
54207CGB-EC	20	55205CGRB-EC	18	55207XB	71	57205AR	119	58204CGR	22	59203SZ	127	60082	143
54207CGC-EC	20	55205R	47	55207Y	93	57205ARB	119	58204CGRB	22	59203SZB	127	60100	141
54207CGR-EC	20	55205RB	47	55207YB	93	57205CGFR	26	58204CGAR	24	59203Z	75	60101	141
54207CGRB-EC	20	55205SR	47	55208/OH	47	57205CGFRA	26	58204CGARB	24	59203ZB	75	60102	141
54207CG/SS-EC	20	55205VR-EC	55	55208CGR-EC	18	57205CGFRB	26	58204R	99	59204CGR-EC	20	60103	141
54207N-EC	77	55205VRB-EC	55	55208CGRB-EC	18	57205CGFRBA	26	58204RB	99	59204CGRB-EC	20	60104	141
54207NB-EC	77	55205W	71	55208CGRRL-EC	18	57205ER	123	58205AR	103	59204NR-EC	79	60105	141
54207NR-EC	79	55205WB	71	55208CLBR	85	57205ERB	123	58205ARB	103	59204NRB-EC	79	60106	141
54207NRB-EC	79	55206/OH	47	55208CLBRL	87	57205FR	107	58205CGR	22	59204SZ	127	60107	141
54207N/SS-EC	77	55206AW	71	55208CLR	85	57205FRA	107	58205CGRB	22	59204SZB	127	60109	141
54208CG-EC	20	55206AWB	71	55208CLRL	87	57205FRB	107	58205CGAR	24	59204Z	75	60110	141
54208CGB-EC	20	55206CGR-EC	18	55208CLRLS	85	57205FRBA	107	58205CGARB	24	59204ZB	75	60204A	45
54208CGC-EC	20	55206CGRB-EC	18	55208CSBR	65	57205GR	111	58205R	99	59205CGR-EC	20	60204AR	47
54208CGR-EC	20	55206CGRL-EC	18	55208CSBRL	67	57205GRB	111	58205RB	99	59205CGRB-EC	20	60204ARB	47
54208CGRB-EC	20	55206CLBR	85	55208CSR	65	57205TR	115	58206AR	103	59205NR-EC	79	60204L	69
54208CGRL-EC	20	55206CLR	85	55208CSRL	67	57205TRB	115	58206ARB	103	59205NRB-EC	79	60204S	45
54208CG/SS-EC	20	55206CLRL	87	55208CSRS	65	57206AR	119	58206CGR	22	59206CGR-EC	20	60204SR	47
54208N-EC	77	55206CLRS	85	55208FR	47	57206ARB	119	58206CGRB	22	59206CGRB-EC	20	60204SRB	47
54208NB-EC	77	55206CSBR	65	55208FRB	47	57206CGFR	26	58206CGAR	24	59206CGRL-EC	20	60204W	71
54208NR-EC	79	55206CSR	65	55208FRL	49	57206CGFRA	26	58206CGARB	24	59206NR-EC	79	60204WB	71
54208NRB-EC	79	55206CSRL	67	55208M	71	57206CGFRB	26	58206R	99	59206NRB-EC	79	60205	45
54208NRL-EC	81	55206CSRS	65	55208MB	71	57206CGFRBA	26	58206RB	99	59206NRL-EC	81	60205A	45
54208N/SS-EC	77	55206R	47	55208N	47	57206ER	123	58207CGR	22	59207CGR-EC	20	60205AR	47
55201VR-EC	55	55206RB	47	55208NB	47	57206ERB	123	58207CGRB	22	59207CGRB-EC	20	60205ARB	47
55016CGR-EC	18	55206RL	49	55208NL	49	57206FR	107	58207R	99	59207NR-EC	79	60205AW	71
55016CGRB-EC	18	55206SR	47	55208R	47	57206FRA	107	58207RB	99	59207NRB-EC	79	60205AWB	71
55016VR-EC	55	55206SRB	47	55208RB	47	57206FRB	107	58208CGR	22	59208CGR-EC	20	60205C	91
55016VRB-EC	55	55206SRL	49	55208RL	49	57206FRBA	107	58208CGRB	22	59208CGRB-EC	20	60205L	69
55201CGR-EC	18	55206VR	40	55208SR	47	57206GR	111	58208R	99	59208CGRL-EC	20	60205LA	69
55201CGRB-EC	18	55206VRB	40	55208SRL	49	57206GRB	111	58208RB	99	59208NR-EC	79	60205R	47
55201VR-EC	55	55206VR-EC	55	55208VR	40	57206TR	115	59016CGR-EC	20	59208NRB-EC	79	60205RB	47
55201VRB-EC	55	55206VRB-EC	55	55208VRB	40	57206TRB	115	59016CGRB-EC	20	59208NRL-EC	81	60205S	45
55201VR-EC	55	55206VRL-EC	57	55208VR-EC	55	57207AR	119	59016NR-EC	79	60051	143	60205SR	47
55202CGR-EC	18	55206W	71	55208VRB-EC	55	57207ARB	119	59016NRB-EC	79	60052	143	60205SRB	47
55202CGRB-EC	18	55206WB	71	55208VRL-EC	57	57207ER	123	59016SZ	127	60053	143	60205W	71
55202VR-EC	55	55206X	71	55208X	71	5720ERB	123	59016SZB	127	60054	143	60205WB	71
55202VRB-EC	55	55206XB	71	55208XB	71	57207GR	111	59016Z	75	60055	143	60206	45
55203CGR-EC	18	55206Y	93	56205	51	57207GRB	111	59016ZB	75	60056	143	60206/OH	47
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55203VR-EC	55	55207CGR-EC	18	56206	53	57207TRB	115	59201CGRB-EC	20	60058	143	60206AWB	71
55203VRB-EC	55	55207CGRB-EC	18	56206C	95	53016CGR	22	59201NR-EC	79	60059	143	60206C	91
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60208FRB	47	62207TR	115	65204SR	47	66207	51	69201ZB	75	72205CGFA/SS	36	73207CGB	32
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60208NL	49	63203R	99	65205R	47	67204TRB	115	69203ZB	75	72205CGF/SS	36	73208CGR	32
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60208X	71	63204RB	99	65206AW	71	67206AR	119	70062CG	41	72206CGFC	36	74204CGRB-EC	30
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61205A	51	63205AR	103	65206RB	47	67206ERB	123	70073CG	41	72206CGFRB	36	74205CGB-EC	30
61206	51	63205ARB	103	65206RL	49	67206TR	115	70074CG	41	72206CGFRBA	36	74205CGC-EC	30
61206C	95	63205R	99	65206SR	47	67206TRB	115	70075CG	41	72206CGF/SS	36	74204CGR-EC	30
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61208	51	63206A	101	65206WB	71	67207ER	123	70204CG-EC	28	73204CGAB-U	34	74206CG-EC	30
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