

# UCFB/C - HCFB/C



The picture shows d. 20 - 25 version.

For other versions please see the technical drawing.

## Waterproof housing

### Grub screws or eccentric collar shaft locking

#### PA FV polyamide housing

High mechanical and heat resistance. Proof to dust, humidity, washouts, steam, average aggressive chemical agents.

#### PP FV polypropylene housing

Proof to highly aggressive chemical agents. Inferior loading ability.

#### Solid flange bearings

They differ from standard flange versions for their closed surface structure, ideal for sanitation.

## Material

### PA FV polyamide housing

- Housing in reinforced polyamide PA FV resin (black)
- Protection cover in polypropylene PP (orange)
- Seal and O-Ring in NBR rubber (black)
- Ball type nickel plated brass greasing nipple
- Reinforcing bushings on mounting holes and washers in stainless steel AISI 304

### PP FV polypropylene housing

- Housing in reinforced polypropylene PP FV resin (white)
- Protection cover in polypropylene PP (orange)
- Seal and O-Ring in NBR rubber (black).  
On request supplied in Viton rubber (brown).  
Viton material offers high resistance to chemical agents
- Ball type stainless steel AISI 316 greasing nipple
- Reinforcing bushings on mounting holes and washers in stainless steel AISI 316.

## Continuous operating temperature

in air: - 20 to + 60°C.

## Maximum allowed misalignment: 2°.

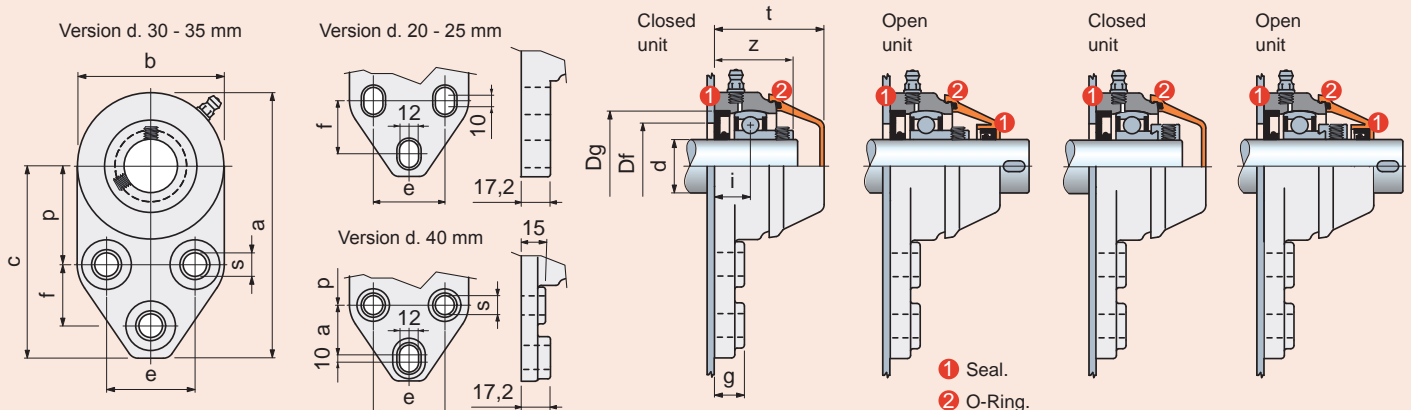
## Bearing



- Type A (grub screws shaft locking)
- Type D (eccentric collar shaft locking)
- Chrome alloy steel
- Superagriseal unit
- Prelubricated with lithium / calcium grease
- Can be relubricated.

### • Series UCFB/C • Type A Grub screws shaft locking

### • Series HCFB/C • Type D Eccentric collar shaft locking



## Housing material

| dia.<br>d<br>mm                                     | Series     | Polyamide<br>PA FV                              | Polypropylene<br>PP FV                       | Dimensions in mm |      |       |      |      |      |    |    |      |      |      |    |      | Bore in<br>frame <sup>1)</sup><br>Df |         | Weight<br>Kg | Spare parts<br>Cover<br>orange |
|---|------------|---|--|------------------|------|-------|------|------|------|----|----|------|------|------|----|------|--------------------------------------|---------|--------------|--------------------------------|
|   |            | Standard Flange<br>(black)<br>Cover<br>(orange) | Solid Flange<br>(white)<br>Cover<br>(orange) | a                | b    | c     | p    | e    | f    | s  | g  | i    | z    | t    | Dg | max. | min.                                 | Bearing |              | Code                           |
| <b>Grub screws shaft locking • Closed unit</b>      |            |   |  |                  |      |       |      |      |      |    |    |      |      |      |    |      |                                      |         |              |                                |
| 20  | UCFB 204 C | 601133N   | 601373N                                      | 124,2            | 68,8 | 89,8  | 46   | 41,3 | 28,6 | 11 | 14 | 16,4 | 34,4 | 49   | 47 | 45   | 40                                   | Type A  | 0,26         | 681942                         |
| 25  | UCFB 205 C | 656542N   | 677832N                                      | 124,2            | 68,8 | 89,8  | 46   | 41,3 | 28,6 | 11 | 14 | 17,8 | 37,3 | 52   | 52 | 50   | 45                                   | Type A  | 0,32         | 681952                         |
| 30  | UCFB 206 C | 656562  | 677842                                       | 138,6            | 81,3 | 97,9  | 52,4 | 47,6 | 31,7 | 11 | 14 | 20   | 42   | 55   | 62 | 60   | 50                                   | Type A  | 0,47         | 63154                          |
| 35  | UCFB 207 C | 656582  | 677852                                       | 154,5            | 93,7 | 107,6 | 60,3 | 50,8 | 31,7 | 13 | 15 | 19,5 | 43   | 59   | 72 | 70   | 55                                   | Type A  | 0,64         | 682022                         |
| 40  | UCFB 208 C | 601143  | 601383                                       | 164              | 100  | 114   | 60   | 50   | 31   | 13 | -  | 22   | 47   | 66,5 | 80 | 78   | 65                                   | Type A  | 0,84         | 600882                         |
| <b>Grub screws shaft locking • Open unit</b>        |            |   |  |                  |      |       |      |      |      |    |    |      |      |      |    |      |                                      |         |              |                                |
| 20  | UCFB 204 C | 601153N   | 601393N                                      | 124,2            | 68,8 | 89,8  | 46   | 41,3 | 28,6 | 11 | 14 | 16,4 | 34,4 | 49   | 47 | 45   | 40                                   | Type A  | 0,26         | 681962                         |
| 25  | UCFB 205 C | 656552N   | 677862N                                      | 124,2            | 68,8 | 89,8  | 46   | 41,3 | 28,6 | 11 | 14 | 17,8 | 37,3 | 52   | 52 | 50   | 45                                   | Type A  | 0,32         | 681972                         |
| 30  | UCFB 206 C | 656572  | 677872                                       | 138,6            | 81,3 | 97,9  | 52,4 | 47,6 | 31,7 | 11 | 14 | 20   | 42   | 55   | 62 | 60   | 50                                   | Type A  | 0,47         | 69965                          |
| 35  | UCFB 207 C | 656592  | 677882                                       | 154,5            | 93,7 | 107,6 | 60,3 | 50,8 | 31,7 | 13 | 15 | 19,5 | 43   | 59   | 72 | 70   | 55                                   | Type A  | 0,64         | 682032                         |
| 40  | UCFB 208 C | 601163  | 601403                                       | 164              | 100  | 114   | 60   | 50   | 31   | 13 | -  | 22   | 47   | 66,5 | 80 | 78   | 65                                   | Type A  | 0,84         | 600892                         |
| <b>Eccentric collar shaft locking • Closed unit</b> |            |   |  |                  |      |       |      |      |      |    |    |      |      |      |    |      |                                      |         |              |                                |
| 20  | HCFB 204 C | 601173N   | 601413N                                      | 124,2            | 68,8 | 89,8  | 46   | 41,3 | 28,6 | 11 | 14 | 16,4 | 39,8 | 49   | 47 | 45   | 40                                   | Type D  | 0,29         | 681942                         |
| 25  | HCFB 205 C | 663252N   | 677892N                                      | 124,2            | 68,8 | 89,8  | 46   | 41,3 | 28,6 | 11 | 14 | 17,8 | 41,2 | 57   | 52 | 50   | 45                                   | Type D  | 0,35         | 681952                         |
| 30  | HCFB 206 C | 663262  | 677902                                       | 138,6            | 81,3 | 97,9  | 52,4 | 47,6 | 31,7 | 11 | 14 | 20   | 46,7 | 60   | 62 | 60   | 50                                   | Type D  | 0,50         | 63154                          |
| 35  | HCFB 207 C | 663272  | 677912                                       | 154,5            | 93,7 | 107,6 | 60,3 | 50,8 | 31,7 | 13 | 15 | 19,5 | 48,9 | 64,5 | 72 | 70   | 55                                   | Type D  | 0,67         | 682022                         |
| 40  | HCFB 208 C | 601183  | 601423                                       | 164              | 100  | 114   | 60   | 50   | 31   | 13 | -  | 22   | 54,7 | 72   | 80 | 78   | 65                                   | Type D  | 0,92         | 600882                         |
| <b>Eccentric collar shaft locking • Open unit</b>   |            |   |  |                  |      |       |      |      |      |    |    |      |      |      |    |      |                                      |         |              |                                |
| 20  | HCFB 204 C | 601193N   | 601433N                                      | 124,2            | 68,8 | 89,8  | 46   | 41,3 | 28,6 | 11 | 14 | 16,4 | 39,8 | 49   | 47 | 45   | 40                                   | Type D  | 0,29         | 681962                         |
| 25  | HCFB 205 C | 663282N   | 677922N                                      | 124,2            | 68,8 | 89,8  | 46   | 41,3 | 28,6 | 11 | 14 | 17,8 | 41,2 | 57   | 52 | 50   | 45                                   | Type D  | 0,35         | 681972                         |
| 30  | HCFB 206 C | 663292  | 677932                                       | 138,6            | 81,3 | 97,9  | 52,4 | 47,6 | 31,7 | 11 | 14 | 20   | 46,7 | 60   | 62 | 60   | 50                                   | Type D  | 0,50         | 69965                          |
| 35  | HCFB 207 C | 663302  | 677942                                       | 154,5            | 93,7 | 107,6 | 60,3 | 50,8 | 31,7 | 13 | 15 | 19,5 | 48,9 | 64,5 | 72 | 70   | 55                                   | Type D  | 0,67         | 682032                         |
| 40  | HCFB 208 C | 601203  | 601443                                       | 164              | 100  | 114   | 60   | 50   | 31   | 13 | -  | 22   | 54,7 | 72   | 80 | 78   | 65                                   | Type D  | 0,92         | 600892                         |

Item code for order = B0000 + Code

<sup>1)</sup> = Dimensions Df max / Df min must be respected to ensure positive retention of the seals and to allow air bleeding during lubrication.

Packaging: 6 pieces.