

Self-aligning brackets

side flanged, technopolymer

BRACKET

Glass-fibre reinforced polyamide based (PA) technopolymer, RAL 5005 blue colour, matte finish.

BUSHINGS AND WASHERS

AISI 304 stainless steel.

BEARING

High quality with traceability codes. Chrome steel.

LUBRICATOR

Straight type, in nickel-plated brass with 1/8 gas thread.

PACKING RINGS

NBR rubber.

COVER

Glass-fibre reinforced polypropylene based (PP) technopolymer, RAL 5015 blue colour, matte finish.

Closed cap for head bracket or for pass-through shafts.

STANDARD EXECUTIONS

- **UCFB-S-T**: head bracket with closed cover.
- **UCFB-S-P**: bracket for pass-through shaft with drilled cover and NBR rubber packing ring for rotating shafts.

FEATURES AND APPLICATIONS

Overall dimensions are in compliance with ISO 3228.

A system of completely sealed packing rings assures the protection of the bearing from dirt ingress. The part is moulded without internal lightening cavities in order to ensure that it is fully sanitisable.

Max shaft misalignment = 2,5°.

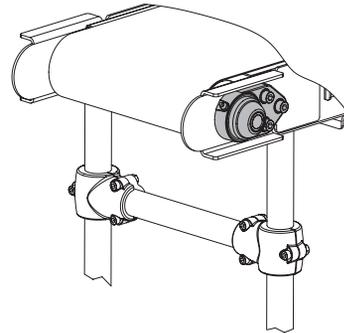
INSTRUCTIONS OF USE

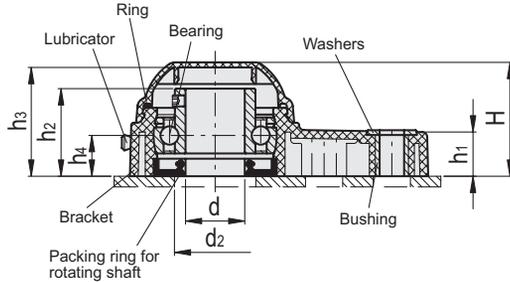
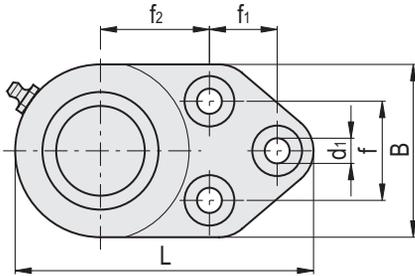
Assembly with shafts without end stops. For optimum operation, we recommend periodic lubrication with a common grease resistant to high temperatures and oxidation.

SPECIAL EXECUTIONS ON REQUEST

- AISI 440C stainless steel bearing.
- Bearing in inch sizes.
- Brackets for shafts with diameters in different sizes.
- Brackets in polyamide-based (PA) technopolymer, RAL 5005 blue colour, compliant with FDA standards.
- Brackets in polypropylene based (PP) technopolymer, packing rings and oil seal in VITON®*.

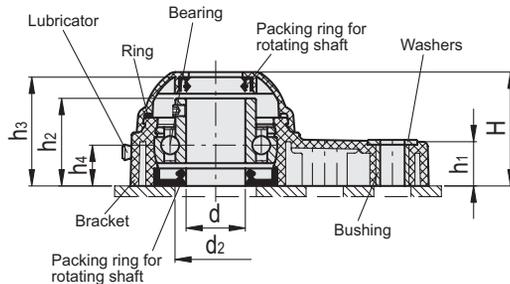
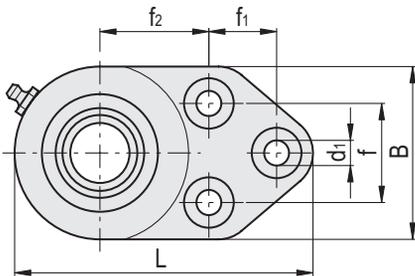
* Registered trademark by DuPont Dow Elastomers.





UCFB-S-T

| Code | Description | d | d _i | f ₁ | d _{min} ² | d _{max} ² | H | L | B | f | f ₂ | h ₁ | h ₂ | h ₃ | h ₄ | Bearing static load [N] | Bearing dynamic load [N] | Bracket load [N] | ⚖ |
|--------|-----------------------|----|----------------|----------------|-------------------------------|-------------------------------|------|-----|----|------|----------------|----------------|----------------|----------------|----------------|-------------------------|--------------------------|------------------|-----|
| 419457 | UCFB.205-S-D-25-T-C55 | 25 | 10.5 | 28.6 | 45 | 50 | 49.5 | 126 | 72 | 41.3 | 46 | 19 | 36.5 | 47 | 17 | 7800 | 14000 | 9000 | 352 |
| 419467 | UCFB.206-S-D-30-T-C55 | 30 | 10.5 | 32 | 50 | 60 | 55.7 | 142 | 85 | 47.6 | 52.4 | 26.3 | 41.7 | 53.2 | 20.7 | 11300 | 19500 | 11000 | 528 |



UCFB-S-P

| Code | Description | d | d _i | f ₁ | d _{min} ² | d _{max} ² | H | L | B | f | f ₂ | h ₁ | h ₂ | h ₃ | h ₄ | Bearing static load [N] | Bearing dynamic load [N] | Bracket load [N] | ⚖ |
|--------|-----------------------|----|----------------|----------------|-------------------------------|-------------------------------|------|-----|----|------|----------------|----------------|----------------|----------------|----------------|-------------------------|--------------------------|------------------|-----|
| 419407 | UCFB.205-S-D-25-P-C55 | 25 | 10.5 | 28.6 | 45 | 50 | 49.5 | 126 | 72 | 41.3 | 46 | 19 | 36.5 | 47 | 17 | 7800 | 14000 | 9000 | 352 |
| 419417 | UCFB.206-S-D-30-P-C55 | 30 | 10.5 | 32 | 50 | 60 | 55.7 | 142 | 85 | 47.6 | 52.4 | 26.3 | 41.7 | 53.2 | 20.7 | 11300 | 19500 | 11000 | 528 |

