Support bearings

square flanged, technopolymer

METRIC | RoHS | PA | PP | +60° -20°

BRACKET
Glass-fibre reinforced polyamide based (PA) technopolymer, black colour, matte finish.

BUSHINGS AND WASHERS
AISI 304 stainless steel.

BEARING
High quality with traceability codes. Chrome steel.

LUBRICATOR
Nickel-plated brass.

PACKING RINGS
NBR rubber.

COVER
Glass-fibre reinforced polypropylene based (PP) technopolymer, RAL 7015 grey colour, matte finish.
Closed cap for head bracket or for pass-through shafts.

STANDARD EXECUTIONS
- **UCF-T**: head bracket with closed cover.
- **UCF-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.
Max shaft misalignment = 2,5°.

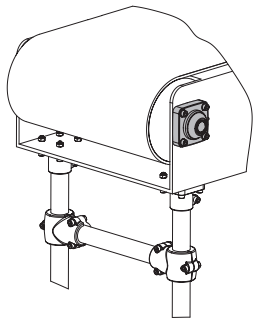
INSTRUCTIONS OF USE
Assembly with shafts without end stops. For optimum operation, we recommend periodic lubrication with a common grease resistant to high temperatures and oxidation.

SPECIAL EXECUTIONS ON REQUEST
- AISI 440C stainless steel bearing.
- Bearing in inch sizes.
- Brackets for shafts with diameters in different sizes.
- Brackets in polypropylene based (PP) technopolymer, packing rings and oil seal in VITON®*.

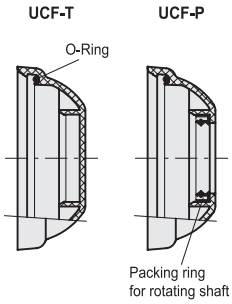
* Registered trademark by DuPont Dow Elastomers.

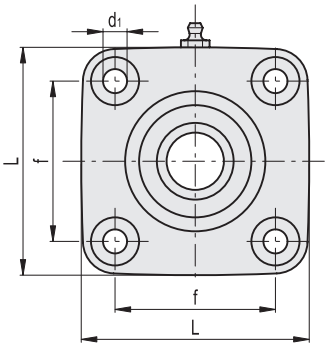


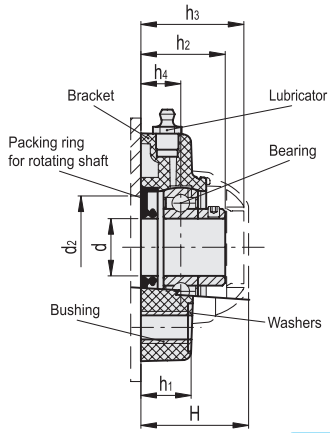




Conversion Table	
1 mm = 0.039 inch	
d	
mm	inch
25	0.98
30	1.17







METRIC

UCF-T

Code	Description	d	d1	d2 min	d2 max	H	L	f	h1	h2	h3	h4	Bearing static load [N]	Bearing dynamic load [N]	Bracket load [N]	⚖
419551	UCF.205-A-25-T	25	10.5	45	50	49	99	70	22	36	47	17	7000	14000	17000	396
419561	UCF.206-A-30-T	30	10.5	50	60	56	113	83	26	41	54	20	11000	19000	17000	550

UCF-P

Code	Description	d	d1	d2 min	d2 max	H	L	f	h1	h2	h4	Bearing static load [N]	Bearing dynamic load [N]	Bracket load [N]	⚖
419531	UCF.205-A-25-P	25	10.5	45	50	49	99	70	22	36	17	7000	14000	17000	398
419541	UCF.206-A-30-P	30	10.5	50	60	56	113	83	26	41	20	11000	19000	17000	552

elesa 5/2024

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