

UCP | Self-aligning brackets

for shafts at 90°, technopolymer

INCH

RoHS

PA

PP

+140 °F
-4 °F

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

BRACKET

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

BUSHINGS, WASHERS AND STOP RING

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 cover for head bracket or for pass-through shafts.

STANDARD EXECUTIONS

- **UCP-T**: head bracket with closed cover.
- **UCP-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°.

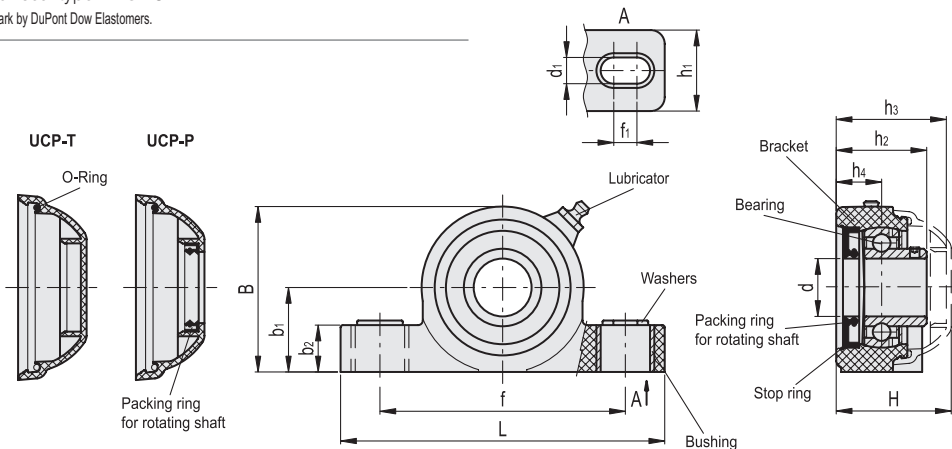
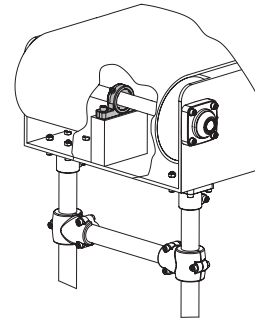
INSTRUCTIONS OF USE

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 metric sizes.
- Brackets for shafts with diameters in different sizes.
- Brackets in polypropylene based (PP) technopolymer, packing rings and oil seal type VITON®*.

* Registered trademark by DuPont Dow Elastomers.



INCH

Code	Description	d	d1	f1	H	L	B	f	b1	b2	h1	h2	h3	h4	Bearing static load [lbf]	Bearing dynamic load [lbf]	Bracket load [lbf]	⚖
90419553	UCP.205-C-1-T	1.000	0.51	0.39	2.04	5.51	2.81	4.17	1.44	0.79	1.38	1.54	1.93	0.77	1568	3136	1344	0.73
90419563	UCP.206-C-1¼-T	1.250	0.51	0.39	2.19	6.42	3.33	4.76	1.69	0.79	1.42	1.64	2.09	0.81	2464	4256	2016	1
90419533	UCP.205-C-1-P	1.000	0.51	0.39	2.04	5.51	2.81	4.17	1.44	0.79	1.38	1.54	-	0.77	1568	3136	1344	0.75
90419543	UCP.206-C-1¼-P	1.250	0.51	0.39	2.19	6.42	3.33	4.76	1.69	0.79	1.42	1.64	-	0.81	2464	4256	2016	1.02