UCP

Straight self-aligning brackets

PA **PP** +60° / -20°
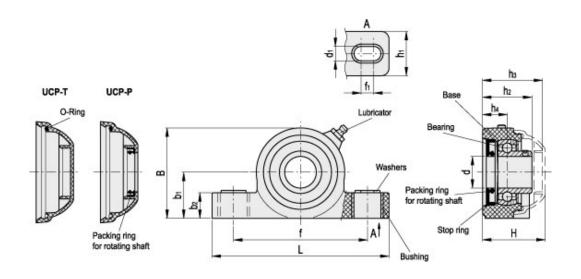

technical informations

Base

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.

Cap

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

- UCP-T: head bracket with closed cap.
- UCP-P: bracket for pass-through shaft with cap 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 antibacterial material or in polypropylene based (PP) technopolymer, packing rings and oil seal type VITON$^{®*}$.

* Registered trademark by DuPont Dow Elastomers.

Standard Elements		Main dimensions													Bearing static load	Bearing dynamic load	Bracket load	Weig
Code	Description	d	d_1	f_1	H	L	B	f	b_1	b_2	h_1	h_2	h_3	h_4	[N]	[N]	[N]	g
419553	UCP.205-C-25-T	25	13	10	51.7	140	71.5	106	36.5	20	35	39	49	19.6	7000	14000	6000	333
419563	UCP.206-C-30-T	30	13	10	55.7	163	84.5	121	43	20	36	41.7	53	20.7	11000	19000	9000	456
419533	UCP.205-C-25-P	25	13	10	51.7	140	71.5	106	36.5	20	35	39	-	19.6	7000	14000	6000	339
419543	UCP.206-C-30-P	30	13	10	55.7	163	84.5	121	43	20	36	41.7	-	20.7	11000	19000	9000	463

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