

Compact pillow block

UCPA/C - HCPA/C



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.

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
- Nickel plated brass threaded bushings.

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
- Nickel plated brass threaded bushings.

Continuous operating temperature

in air: - 20 to + 60°C.

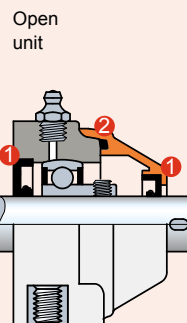
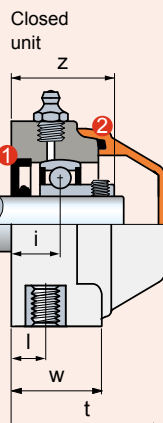
Maximum allowed misalignment: 2°.

Bearing

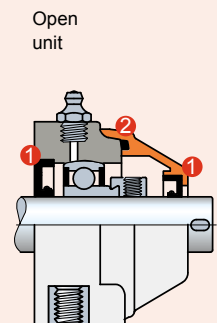
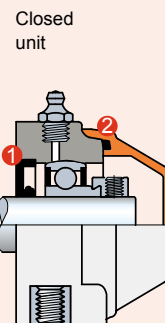


- Type A (grub screws shaft locking)
- Type A (eccentric collar shaft locking)
- Chrome alloy steel
- Superagriseal unit
- Prelubricated with lithium / calcium grease
- Can be relubricated.

• Series UCPA/C • Type A Grub screws shaft locking



• Series HCPA/C • Type D Eccentric collar shaft locking



- ① Seal.
- ② O-Ring.

dia. d mm	Series	Housing material		Dimensions in mm											Bearing	Weight Kg	Spare parts Cover orange Code
		Polyamide PA FV Flange (black) Cover (orange)	Polypropylene PP FV Flange (white) Cover (orange)	Code	e	a	h	b	s	w	i	l	z	t			
Grub screws shaft locking • Closed unit																	
17	UCPA 203 C	696182	696542	47	70	30,2	62	M8	28	15,2	10	31,2	49	Type A	0,22	681942	
20	UCPA 204 C	696192	696552	50,8	70	33,2	65	M8	28	15,2	10	33,2	49	Type A	0,25	681942	
25	UCPA 205 C	696202	696562	50,8	75	36,5	72	M10	30	16,8	12	36,3	52	Type A	0,29	681952	
Grub screws shaft locking • Open unit																	
17	UCPA 203 C	696212	696572	47	70	30,2	62	M8	28	15,2	10	31,2	49	Type A	0,22	696162	
20	UCPA 204 C	696222	696582	50,8	70	33,2	65	M8	28	15,2	10	33,2	49	Type A	0,25	681962	
25	UCPA 205 C	696232	696592	50,8	75	36,5	72	M10	30	16,8	12	36,3	52	Type A	0,29	681972	
Eccentric collar shaft locking • Closed unit																	
17	HCPA 203 C	696242	696602	47	70	30,2	62	M8	28	15,2	10	37,3	49	Type D	0,24	681942	
20	HCPA 204 C	696252	696612	50,8	70	33,2	65	M8	28	15,2	10	38,6	49	Type D	0,27	681942	
25	HCPA 205 C	696262	696622	50,8	75	36,5	72	M10	30	16,8	12	40,2	52	Type D	0,34	681952	
Eccentric collar shaft locking • Open unit																	
17	HCPA 203 C	696272	696632	47	70	30,2	62	M8	28	15,2	10	37,3	49	Type D	0,24	696162	
20	HCPA 204 C	696282	696642	50,8	70	33,2	65	M8	28	15,2	10	38,6	49	Type D	0,27	681962	
25	HCPA 205 C	696292	696652	50,8	75	36,5	72	M10	30	16,8	12	40,2	52	Type D	0,34	681972	

Item code for order = B0000 + Code

Packaging: 6 pieces.

Compact pillow block

UCPA - HCPA



Accessories

Material

PA FV polyamide housing

- Housing in reinforced polyamide PA FV resin (black)
- Ball type nickel plated brass greasing nipple
- Nickel plated brass threaded bushings.

PP FV polypropylene housing

- Housing in reinforced polypropylene PP FV resin (white)
- Ball type stainless steel AISI 316 greasing nipple
- Nickel plated brass threaded bushings.

Continuous operating temperature

in air: - 20 to + 60°C.

Maximum allowed misalignment: 2°.

Bearing

- Type B (grub screws shaft locking, chrome alloy steel, Superagriseal unit plus centrifuging ring)
- Type C (grub screws shaft locking, stainless steel AISI 420, Superagriseal unit plus rubberised centrifuging ring)
- Type A (grub screws shaft locking, chrome alloy steel, Superagriseal unit)
- Type D (eccentric collar shaft locking, chrome alloy steel, Superagriseal unit)
- Prelubricated with lithium / calcium grease
- Can be relubricated.

Grub screws or eccentric collar shaft locking

Version with bearing Type B

The double ring guarantees maximum protection against dust and non-corrosive substances.

Version with stainless steel bearing Type C

AISI 420 stainless steel bearing with 2 rubberised rings, provides excellent seal against humidity, steams, liquids, medium corrosive chemical agents. Maximum load ability is inferior.

Version with bearing Type A

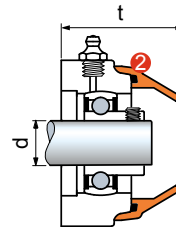
The rubberised ring guarantees maximum protection against dusts.

Material

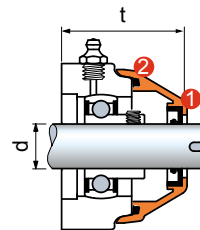
Polyamide PA FV guarantees maximum strength and high-temperature resistance. Polypropylene PP FV offers excellent resistance to chemical agents but inferior load ability.

Protection covers (accessories)

Closed cover



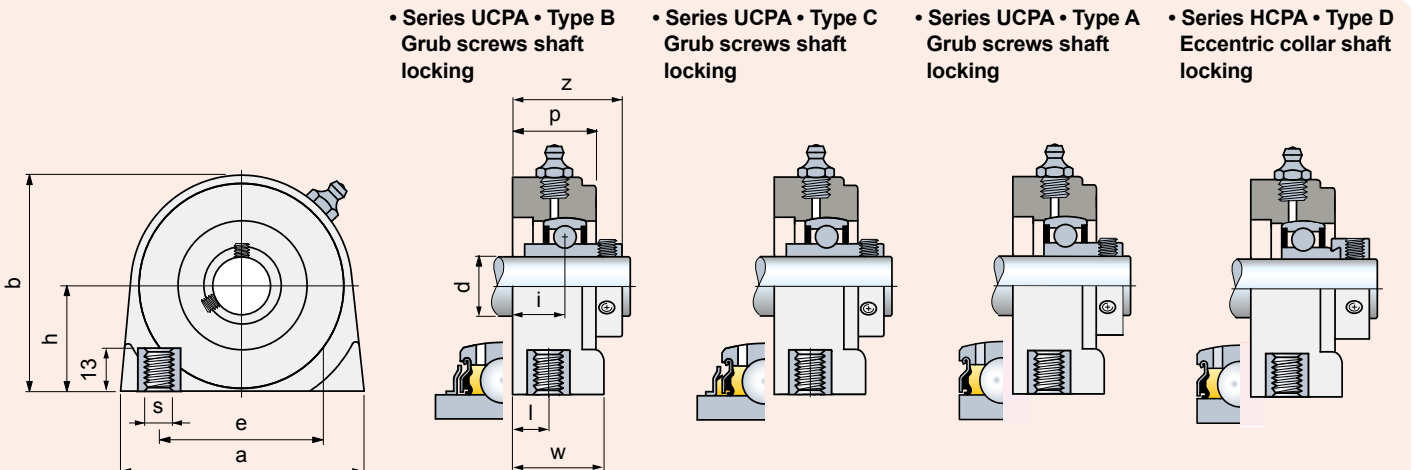
Open cover



1 Seals.

2 Seals O-Ring.

dia. d mm	Accessories Cover orange	t mm
	Code	
Closed cover supplied with seals		
17	681942	49
20	681942	49
25	681952	52
Open cover supplied with seals		
17	696162	49
20	681962	49
25	681972	52



dia. d mm	Series	Housing material		Dimensions in mm										Bearing	Weight Kg
		Polyamide PA FV Flange (black) Code	Polypropylene PP FV Flange (white)	e	a	h	b	s	w	i	l	z	p		
Grub screws shaft locking • Version with bearing Type B															
17	UCPA 203	696902	-	47	70	30,2	62	M8	28	15,2	10	31,1	27	Type B	0,21
20	UCPA 204	696912	-	50,8	70	33,2	65	M8	28	15,2	10	33,5	27	Type B	0,26
25	UCPA 205	696922	-	50,8	75	36,5	72	M10	30	16,8	12	36,5	30	Type B	0,30
Grub screws shaft locking • Version with stainless steel bearing Type C															
20	UCPA 204	696942	697002	50,8	70	33,2	65	M8	28	15,2	10	33,5	27	Type C	0,26
25	UCPA 205	696952	697012	50,8	75	36,5	72	M10	30	16,8	12	36,6	30	Type C	0,30
Grub screws shaft locking • Version with bearing Type A															
17	UCPA 203	696662	696842	47	70	30,2	62	M8	28	15,2	10	31,2	27	Type A	0,21
20	UCPA 204	696672	696852	50,8	70	33,2	65	M8	28	15,2	10	33,2	27	Type A	0,24
25	UCPA 205	696682	696862	50,8	75	36,5	72	M10	30	16,8	12	36,5	30	Type A	0,28
Eccentric collar shaft locking • Version with bearing Type D															
17	HCPA 203	696692	696872	47	70	30,2	62	M8	28	15,2	10	37,3	27	Type D	0,23
20	HCPA 204	696702	696882	50,8	70	33,2	65	M8	28	15,2	10	38,6	27	Type D	0,26
25	HCPA 205	696712	696892	50,8	75	36,5	72	M10	30	16,8	12	40,2	30	Type D	0,33

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Packaging: 6 pieces.