

Limitations on Use

Pressure	< 20 bar
Velocity	< 1 m/s
Temperature	-30° bis +90°C

Media for Use

Air with or without lubrication, mineral oils or grease

Surface Finish

Surface	R_z	R_a
Sliding surface	2,5 μ m	0,6 μ m
Base of housing	10 μ m	1,6 μ m
Sides of housing	10 μ m	1,6 μ m

Profile bearing length R_{mr} 50% up to 70%. Measurement on average depth $c=0,25 \times R_z$ and reference line C_{ref} 5%

Lead in chamfer (min.)

D / d	C	D / d	C
< 25	2,5	101-180	5,0
25-60	3,0	181-300	6,0
61-100	4,0	>300	7,5

d f9	D H10	h	E +0,2	Part-No.
3,00	6,00	2,50	3,00	PS200 0030-01-255
4,00	8,00	3,00	3,50	PS200 0040-01-255
5,00	9,00	2,50	3,00	PS200 0050-01-255
6,00	10,00	3,00	3,50	PS200 0060-01-255
6,00	11,00	3,00	3,50	PS200 0060-02-255
6,00	12,00	4,00	4,50	PS200 0060-03-255
7,00	13,00	4,00	4,50	PS200 0070-01-255
7,00	14,00	3,50	4,00	PS200 0070-02-255
8,00	14,00	4,00	4,50	PS200 0080-01-255
8,00	16,00	4,50	5,00	PS200 0080-02-255
10,00	16,00	4,50	5,00	PS200 0100-01-255
10,00	18,00	5,50	6,00	PS200 0100-02-255
12,00	20,00	5,50	6,00	PS200 0120-01-255
14,00	22,00	5,50	6,00	PS200 0140-01-255
16,00	24,00	5,50	6,00	PS200 0160-01-255
18,00	26,00	5,50	6,00	PS200 0180-01-255
20,00	28,00	5,50	6,00	PS200 0200-01-255
22,00	28,00	4,50	5,00	PS200 0220-01-255
22,00	30,00	5,50	6,00	PS200 0220-02-255
25,00	33,00	5,50	6,00	PS200 0250-01-255
28,00	36,00	5,50	6,00	PS200 0280-01-255

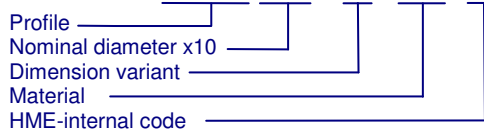
* Recommended hook diameter could be modified accordingly to mounting demand

Limits of application stated herein are standard values. They could be individually transgressed to respective service conditions. In the event of a large duty cycle, pulsation operation and other complex operational conditions, simultaneous transgression of these values is not recommended. Due the large variety of service conditions that may arise in course of actual use, the company does not take responsibility or guarantee the function accuracy of the individual components. Rights for changes are reserved.
Edition 01/09

d f9	D H10	h	E +0,2	Part-No.
28,00	38,00	7,00	7,50	PS200 0280-02-255
30,00	38,00	5,50	6,00	PS200 0300-01-255
30,00	40,00	7,00	7,50	PS200 0300-02-255
32,00	40,00	5,50	6,00	PS200 0320-01-255
35,00	43,00	8,00	8,50	PS200 0350-01-255
35,00	45,00	7,00	7,50	PS200 0350-02-255
36,00	46,00	7,00	7,50	PS200 0360-01-255
40,00	48,00	5,50	6,00	PS200 0400-01-255
40,00	50,00	7,00	7,50	PS200 0400-02-255
45,00	55,00	7,00	7,50	PS200 0450-01-255
50,00	60,00	7,00	7,50	PS200 0500-01-255
55,00	65,00	7,00	7,50	PS200 0550-01-255
56,00	66,00	7,00	7,50	PS200 0560-01-255
60,00	72,00	8,50	8,50	PS200 0600-01-255
63,00	73,00	7,00	7,50	PS200 0630-01-255
63,00	75,00	8,50	8,50	PS200 0630-01-255
65,00	77,00	8,50	8,50	PS200 0650-01-255
70,00	82,00	8,50	8,50	PS200 0700-01-255
75,00	87,00	8,50	8,50	PS200 0750-01-255
80,00	92,00	8,50	8,50	PS200 0800-01-255
85,00	97,00	8,50	8,50	PS200 0850-01-255
90,00	102,00	8,50	8,50	PS200 0900-01-255
95,00	107,00	8,50	8,50	PS200 0950-01-255
100,00	115,00	10,00	10,50	PS200 1000-01-255

Ordering example

PS200 0400 - 01 - 255 -



Materials code

255 – PU 90 Sh A
 250 – PU 85 Sh A

Instruction for installation:

To prevent any damage during mounting the seal eliminate any cutting edges and flash in the housing.

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