

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	

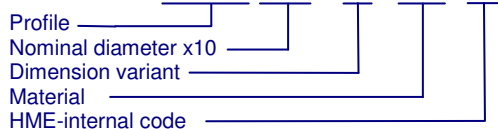
Surface Finish		
Surface	R _z	R _a
Sliding surface	2,5µm	0,6 µm
Base of housing	10 µm	1,6 µm
Sides of housing	10 µm	1,6 µm
Profile bearing length R _{mr} 50% up to 70%. Measurement on average depth c=0,25xR _z and reference line C _{ref} 5%		

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.
6,00	13,00	2,30	2,50	PS210 0060-01-255
8,00	15,00	2,30	2,50	PS210 0080-01-255
10,00	17,00	2,30	2,50	PS210 0100-01-255
12,00	19,00	2,30	2,50	PS210 0120-01-255
14,00	21,00	2,30	2,50	PS210 0140-01-255
15,00	22,00	2,30	2,50	PS210 0150-01-255
16,00	25,00	2,80	3,00	PS210 0160-01-255
20,00	29,00	2,80	3,00	PS210 0200-01-255
25,00	34,00	2,80	3,00	PS210 0250-01-255
30,00	39,00	2,80	3,00	PS210 0300-01-255
40,00	49,00	2,80	3,00	PS210 0400-01-255
42,00	51,00	2,80	3,00	PS210 0420-01-255
50,00	59,00	2,80	3,00	PS210 0500-01-255

Ordering example

PS210 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.