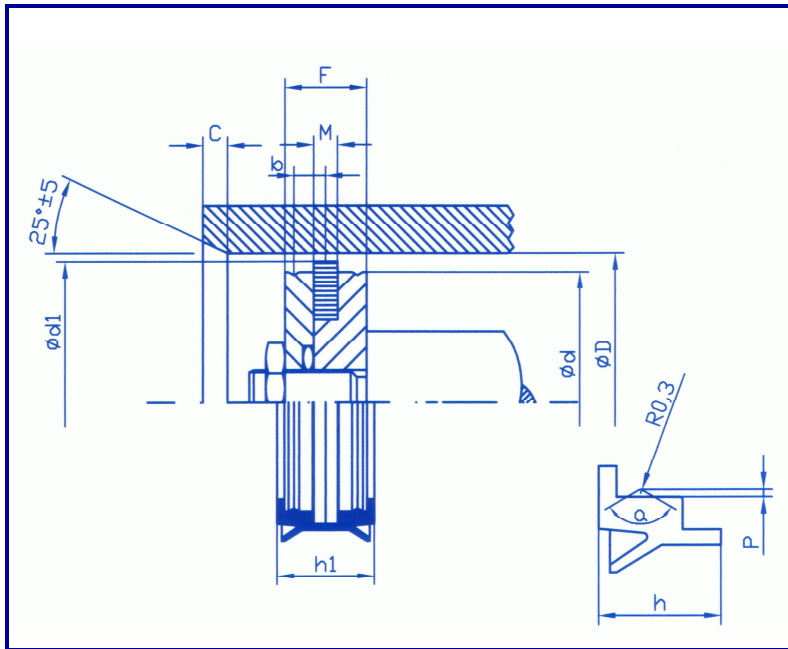




Limitations on Use

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	D / d	D / d	D / d
< 25	< 25	< 25	< 25
25-60	25-60	25-60	25-60
61-100	61-100	61-100	61-100

D H11	d h9	h1	h	d1	M	P	b	F	a	Rod-Ø	Part.No.
8,00	4,00	12,00	6,00	6,50	4,00	0,35	4,00		120°		PK110 0080-01-255
10,00	4,00	12,00	6,00	8,50	3,00	0,35	3,50		120°		PK110 0100-01-255
12,00	6,00	12,00	6,00	10,50	3,00	0,40	3,50		120°		PK110 0120-01-255
16,00	8,00	12,00	6,00	14,50	3,00	0,40	3,50		120°		PK110 0160-01-255
20,00	10,00	12,00	6,00	18,00	3,00	0,50	3,50		120°		PK110 0200-01-255
25,00	10,00	12,00	6,00	23,00	3,00	0,50	3,50		120°		PK110 0250-01-255
32,00	26,00	14,00	7,00	29,50	3,00	0,50	4,00	11,00	120°	≤20 (mm)	PK110 0320-01-255
32,00	26,00	14,00	7,00	29,50	3,00	0,80	4,00	11,00	90°	≤20 (mm)	PK110 0320-02-255
32,00	26,00	14,00	7,00	29,50	5,00	0,50	4,00	11,00	120°	≤20 (mm)	PK110 0320-03-255
32,00	26,00	14,00	7,00	29,50	5,00	0,80	4,00	11,00	90°	≤20 (mm)	PK110 0320-04-255
40,00	34,00	14,50	7,25	37,50	5,00	0,50	4,25	12,00	120°	≤25 (mm)	PK110 0400-01-255
40,00	34,00	14,50	7,25	37,50	5,00	0,80	4,25	12,00	90°	≤25 (mm)	PK110 0400-02-255
50,00	43,00	14,50	7,25	46,50	5,00	0,60	4,25	12,00	120°	≤35 (mm)	PK110 0500-01-255
50,00	43,00	14,50	7,25	46,50	5,00	0,80	4,25	12,00	90°	≤35 (mm)	PK110 0500-02-255
63,00	55,00	20,00	10,00	59,50	5,00	0,80	6,00	17,00	120°	≤40 (mm)	PK110 0630-01-255
80,00	72,00	22,00	11,00	76,50	5,00	0,80	6,50	19,00	120°	≤50 (mm)	PK110 0800-01-255
100,00	90,00	26,00	13,00	96,50	5,00	0,80	7,50	22,00	120°	≤60 (mm)	PK110 1000-01-255

Ordering example

PK110 0400 – 01 – 255 -

Profile _____
Nominal diameter x10 _____
Dimension variant _____
Material _____
HME-internal code _____

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.