

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 H11	d H10	h	E +0,2	d1*	Part-No.
6,00	3,00	2,00	2,50	5,00	PK100 0060-01-255
8,00	4,00	2,55	3,00	7,00	PK100 0080-01-255
8,00	4,80	2,30	2,70	7,00	PK100 0080-02-255
8,00	4,80	2,55	3,00	7,00	PK100 0080-03-255
10,00	6,00	2,55	3,00	9,00	PK100 0100-01-255
12,00	7,00	2,55	3,00	11,00	PK100 0120-01-255
13,00	8,00	2,55	3,00	12,00	PK100 0130-01-255
14,00	8,00	2,55	3,00	13,00	PK100 0140-01-255
15,00	9,00	2,55	3,00	14,00	PK100 0150-01-255
16,00	10,00	2,55	3,00	15,00	PK100 0160-01-255
17,00	11,00	2,55	3,00	16,00	PK100 0170-01-255
18,00	12,00	2,55	3,00	17,00	PK100 0180-01-255
20,00	14,00	2,55	3,00	19,00	PK100 0200-01-255
20,00	14,00	4,00	4,50	19,00	PK100 0200-02-255
20,00	15,50	4,00	4,50	19,00	PK100 0200-03-255
22,00	16,00	2,55	3,00	21,00	PK100 0220-01-255
24,00	18,00	2,55	3,00	23,00	PK100 0240-01-255
25,00	17,00	5,50	6,00	24,00	PK100 0250-01-255
25,00	19,00	3,25	3,50	24,00	PK100 0250-02-255
25,00	19,00	4,00	4,50	24,00	PK100 0250-03-255

* 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 H11	d H10	h	E +0,2	d1*	Part-No.
27,00	21,00	3,25	3,50	26,00	PK100 0270-01-255
28,00	18,00	7,00	7,50	27,00	PK100 0280-01-255
28,00	22,00	3,25	3,50	27,00	PK100 0280-02-255
30,00	20,00	5,00	5,70	29,00	PK100 0300-01-255
30,00	22,00	3,25	3,50	29,00	PK100 0300-02-255
32,00	24,00	3,25	3,50	31,00	PK100 0320-01-255
32,00	24,00	5,50	6,00	31,00	PK100 0320-02-255
35,00	27,00	3,25	3,50	34,00	PK100 0350-01-255
36,00	28,00	3,25	3,50	35,00	PK100 0360-01-255
38,00	30,00	3,25	3,50	37,00	PK100 0380-01-255
38,00	20,00	5,50	6,00	37,00	PK100 0380-02-255
40,00	30,00	7,00	7,50	39,00	PK100 0400-01-255
40,00	32,00	3,25	3,50	39,00	PK100 0400-02-255
42,00	30,00	6,00	6,50	41,00	PK100 0420-01-255
42,00	34,00	3,25	3,50	41,00	PK100 0420-02-255
45,00	32,00	3,25	3,50	44,00	PK100 0450-02-255
50,00	40,00	7,00	7,50	49,00	PK100 0500-01-255
50,00	42,00	3,25	3,50	49,00	PK100 0500-02-255
52,00	42,00	4,25	4,50	51,00	PK100 0520-01-255
55,00	45,00	7,00	7,50	54,00	PK100 0550-01-255
58,00	48,00	4,25	4,50	57,00	PK100 0580-01-255
60,00	50,00	5,00	5,70	59,00	PK100 0600-01-255
60,00	50,00	7,00	7,50	59,00	PK100 0600-02-255
63,00	53,00	4,25	4,50	62,00	PK100 0630-01-255
63,00	53,00	7,00	7,50	62,00	PK100 0630-02-255
65,00	55,00	7,00	7,50	64,00	PK100 0650-01-255
68,00	58,00	4,70	5,50	67,00	PK100 0680-01-255
70,00	58,00	8,50	9,50	69,00	PK100 0700-01-255
75,00	63,00	8,50	9,50	74,00	PK100 0750-01-255
80,00	67,30	6,35	7,00	79,00	PK100 0800-01-255
80,00	68,00	8,50	9,50	79,00	PK100 0800-01-255
80,00	70,00	4,25	4,50	79,00	PK100 0800-02-255
85,00	73,00	8,50	9,50	84,00	PK100 0850-01-255
90,00	78,00	8,50	9,50	89,00	PK100 0900-01-255
90,00	80,00	4,25	4,50	89,00	PK100 0900-02-255
100,00	88,00	8,50	9,50	99,00	PK100 1000-01-255

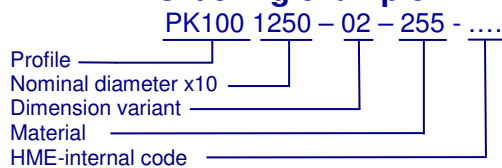
* Recommended hook diameter could be modified accordingly to mounting demand

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D H11	d H10	h	E +0,2	d1*	Part-No.
100,00	90,00	4,25	4,50	99,00	PK100 1000-02-255
110,00	95,00	10,00	11,00	109,00	PK100 1100-01-255
120,00	105,00	10,00	11,00	119,00	PK100 1200 -01-255
125,00	105,00	8,25	8,50	124,00	PK100 1250 -01-255
125,00	110,00	10,00	11,00	124,00	PK100 1250 -02-255
140,00	120,00	8,25	8,50	139,00	PK100 1400 -01-255
160,00	140,00	8,25	8,50	159,00	PK100 1600 -01-255
160,00	124,00	10,00	11,00	159,00	PK100 1600 -02-255
180,00	160,00	14,00	15,00	179,00	PK100 1800 -01-255
200,00	180,00	8,25	8,50	199,00	PK100 2000 -01-255
200,00	180,00	14,00	15,00	199,00	PK100 2000 -02-255
250,00	230,00	14,00	15,00	249,00	PK100 2500 -01-255

Ordering example



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.

* Recommended hook diameter could be modified accordingly to mounting demand