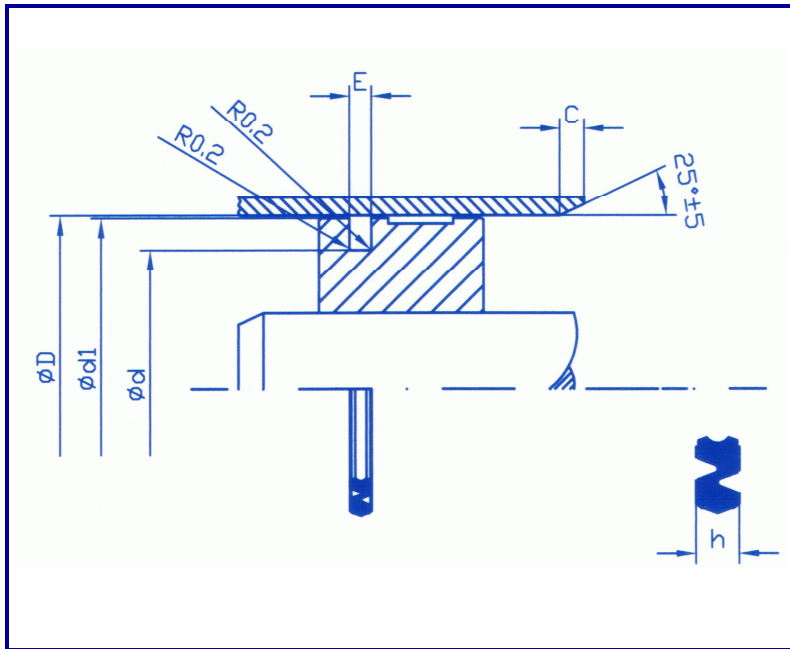




Limitations on Use

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 μm	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 $c=0,25 \times R_z$ 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 H11	d H10	h	E +0,2	d1	Teilnummer
12,00	7,00	2,20	2,50	11,50	PK120 0120-01-255
16,00	9,00	2,40	2,50	15,50	PK120 0160-01-255
20,00	13,00	2,40	2,50	19,50	PK120 0200-01-255
25,00	18,00	2,40	2,50	24,50	PK120 0250-01-255
28,00	21,00	2,40	2,50	27,50	PK120 0280-01-255
30,00	21,00	2,90	3,00	29,50	PK120 0300-01-255
32,00	23,00	2,90	3,00	31,50	PK120 0320-01-255
35,00	36,00	2,90	3,00	34,50	PK120 0350-01-255
40,00	31,00	2,90	3,00	39,50	PK120 0400-01-255
45,00	36,00	2,90	3,00	44,50	PK120 0450-01-255
50,00	41,00	2,90	3,00	49,50	PK120 0500-01-255
60,00	48,00	3,90	4,00	59,50	PK120 0600-01-255
63,00	51,00	3,90	4,00	62,50	PK120 0630-01-255
70,00	58,00	3,90	4,00	69,50	PK120 0700-01-255
80,00	68,00	3,90	4,00	79,50	PK120 0800-01-255

Ordering example

PK120 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.

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