

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%

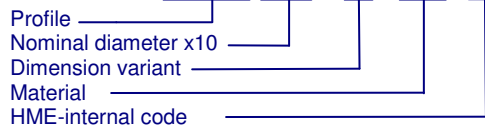
Lead in chamfer (min.)

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	h1	E	D 2 (h)	D2 (h1)	Part-No.
4,00	8,10	2,80		3,00	6,70		PA320 0040-01-255
6,00	11,10	3,30		3,60	9,10		PA320 0060-01-255
8,00	14,10	3,30		3,60	12,10		PA320 0080-01-255
10,00	16,10	3,80		4,20	14,10		PA320 0100-01-255
12,00	18,10	3,80		4,20	15,10		PA320 0120-01-255
12,00	20,00	3,60		4,00	18,00		PA320 0120-02-255
14,00	22,00	3,60		4,00	20,00		PA320 0140-01-255
16,00	24,00	3,60		4,00	22,00		PA320 0160-01-255
18,00	26,00		5,60	6,00		21,50	PA320 0180-01-255
20,00	28,00		5,60	6,00		23,50	PA320 0200-01-255
22,00	30,00		5,60	6,00		25,50	PA320 0220-01-255
25,00	33,00		5,60	6,00		28,50	PA320 0250-01-255
28,00	36,00		5,60	6,00		31,50	PA320 0280-01-255
30,00	38,00		5,60	6,00		33,50	PA320 0300-01-255
32,00	40,00		5,60	6,00		35,50	PA320 0320-01-255
35,00	43,00		5,60	6,00		38,50	PA320 0350-01-255
36,00	44,00		5,60	6,00		39,50	PA320 0360-01-255
40,00	48,00		5,60	6,00		43,50	PA320 0400-01-255
42,00	50,00		5,60	6,00		45,50	PA320 0420-01-255
45,00	53,00		5,60	6,00		48,50	PA320 0450-01-255
50,00	58,00		5,60	6,00		53,50	PA320 0500-01-255
55,00	63,00		5,60	6,00		58,50	PA320 0550-01-255
56,00	64,00		5,60	6,00		59,50	PA320 0560-01-255
60,00	68,00		5,60	6,00		63,50	PA320 0600-01-255
100,00	108,00		5,60	6,00		103,50	PA320 1000-01-255

Ordering example

PA320 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.