

Limitations on Use

Pressure	< 20 bar
Velocity	< 4 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%

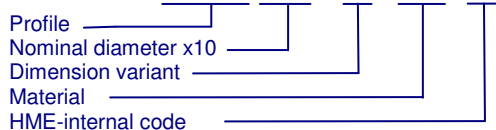
Lead in chamfer (min.)

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 h9	D H10	D1	h	E1	E	E2	r	a	b	F	Part-No.
12,00	20,00	22,00	10,70	13,00	8,80	2,50	1,10	1,50	1,80	4,00	PA300 0120-01-255
12,00	22,00	22,00	10,70	13,00	8,80	2,50	1,10	1,50	1,80	4,00	PA300 0120-02-255
16,00	26,00	28,00	10,70	13,00	8,80	2,50	1,10	1,50	1,80	5,00	PA300 0160-01-255
18,00	26,00	28,00	10,70	13,00	8,80	2,50	1,10	1,50	1,80	5,00	PA300 0180-01-255
18,00	28,00	30,00	10,70	13,00	8,80	2,50	1,10	1,50	1,80	5,00	PA300 0180-02-255
20,00	30,00	32,00	10,70	13,00	8,80	2,50	1,10	1,50	1,80	5,00	PA300 0200-01-255
22,00	32,00	34,50	11,20	14,00	9,40	3,00	1,40	2,00	2,00	7,50	PA300 0220-01-255
25,00	35,00	37,50	11,20	14,00	9,40	3,00	1,40	2,00	2,00	7,50	PA300 0250-01-255
30,00	40,00	42,50	11,20	14,00	9,40	3,00	1,40	2,00	2,00	7,50	PA300 0300-01-255
32,00	42,00	44,50	11,20	14,00	9,40	3,00	1,40	2,00	2,00	7,50	PA300 0320-01-255
40,00	50,00	52,50	11,20	14,00	9,40	3,00	1,40	2,00	2,00	7,50	PA300 0400-01-255
45,00	55,00	58,20	12,20	15,00	10,40	4,00	1,80	2,00	2,50	10,00	PA300 0450-01-255
50,00	60,00	63,20	12,20	15,00	10,40	4,00	1,80	2,00	2,50	10,00	PA300 0500-01-255
63,00	75,00	78,20	13,00	16,00	11,40	4,00	1,80	2,00	2,50	10,00	PA300 0630-01-255

Ordering example

PA300 0400 - 01 - 255 -



Materials-code

255 – PU 90 Sh A
200 – PU 93 Sh A

Instruction for installation:

To prevent any damage during mounting the seal eliminate any cutting edges and flash in the housing.