

Limitations on Use

Static strength	36 N/mm ²
Velocity	< 1 m/s
Temperature	-40° bis +115°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.)

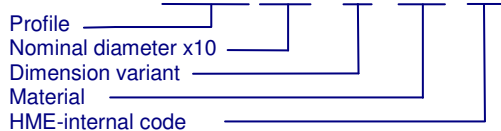
D / d	C	D / d	C
< 25	2,5	101-180	5,0
25-60	3,0	181-300	6,0
61-100	4,0	>300	7,5

d f9	D H7	E +0,2	Part-No.
8,00	11,10	2,50	PF451 0080-10-525
10,00	13,10	2,50	PF451 0100-10-525
10,00	13,10	4,00	PF451 0100-12-525
12,00	15,10	4,00	PF451 0120-12-525
12,00	16,00	9,70	PF452 0120-16-525
14,00	17,10	4,00	PF451 0140-12-525
14,00	18,00	9,70	PF452 0140-16-525
15,00	18,10	4,00	PF451 0150-12-525
16,00	19,10	4,00	PF451 0160-12-525
16,00	20,00	9,70	PF452 0160-16-525
18,00	22,00	9,70	PF452 0180-16-525
20,00	23,10	4,00	PF451 0200-12-525
22,00	25,10	4,00	PF451 0220-12-525
25,00	28,10	4,00	PF451 0250-12-525
28,00	31,10	4,00	PF451 0280-12-525
30,00	33,10	4,00	PF451 0300-12-525
32,00	35,10	4,00	PF451 0320-12-525
35,00	38,10	4,00	PF451 0350-12-525

d f9	D H7	E +0,2	Part-No.
36,00	39,10	4,00	PF451 0360-12-525
40,00	43,10	4,00	PF451 0400-12-525
50,00	53,10	4,00	PF451 0500-12-525

Ordering example

PF451 0140 - 12 - 525 -

**Materials-code**

525 – POM modified

Instruction for installation:

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