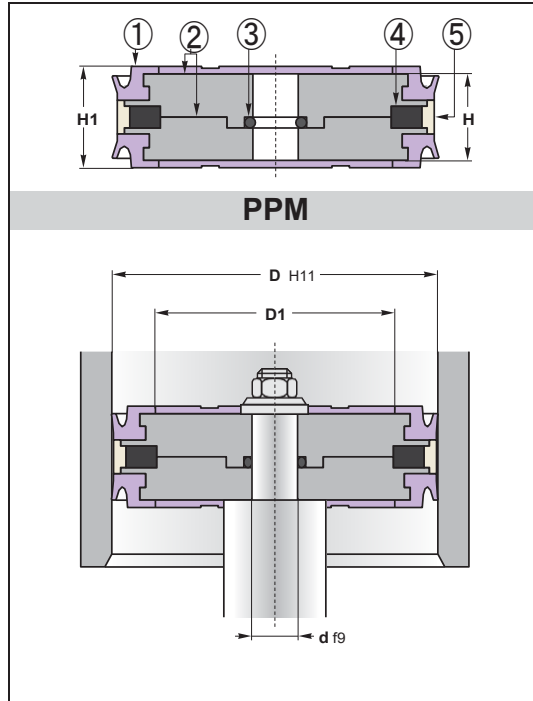
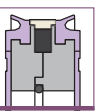


PPM

Complete magnetic piston



PPM magnetic piston has been specifically designed for double acting pneumatic cylinders where it's necessary to control the piston stroke, with a magnetic ring inside the piston.

PPM piston compared with **PDT** has another relevant advantage, thanks to the piston wear ring, which maintains the piston perfectly aligned with the bore.

Moreover, the two opposed polyurethane piston seals, ensure a good sliding effect on the piston and maintain the system clean even in the presence of lubricated air.

Operating conditions

Pressure	≤ 2 MPa
Temperature	-30°C to +90°C
Speed	≤ 1 m/s

Materials

Seal ①	PU 85 or 90 Sh A
Body ②	Aluminium (2 pieces)
O-ring ③	NBR 70 Sh A
Magnetic element ④	Magnetic ring
Guide ring ⑤	POM

Assembly

Sharp edges should be removed from around the housing in order to avoid damaging the seal lips during installation. A lead-in chamfer on the tube will ease installation.

Advantages

- Easy to assemble
- Perfect alignment
- Complete piston
- Good solution for magnetic pistons

Please contact us for applications approaching maximum values.

D	d	H	H1	D1	Reference
32	8	13	16	22	PPM-32
40	8	13	16	26	PPM-40
50	10	13	16	35	PPM-50
60	12	14	17	43	PPM-60
63	12	14	17	46	PPM-63
70	12	14	17	54	PPM-70
75	12	14	17	59	PPM-75
80	16	14	17	64	PPM-80
90	16	15	18	74	PPM-90
100	16	16	21	83	PPM-100