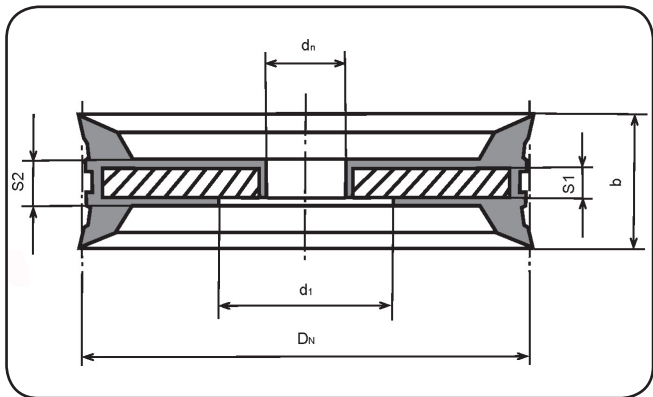


PNEUMATIC PISTON SEAL



MAIN FEATURES

EP complete pistons are used as pistons in pneumatic cylinders. They are manufactured with a special retaining profile vulcanised on a central steel support. The following tolerances must be observed when manufacturing the housing in order to guarantee a smooth running of the piston.

Tolerances: Cylinder bore H11
Housing diameter H10

EP

DESCRIPTION

Complete double-acting piston.

MATERIAL

NBR .Hardness: 90° Sh A.

OPERATING CONDITIONS

Speed: < 0.5 m/sec.

Pressure: <10 bars.

Temperature:- 30 to + 100°C

Medium: Air, oil, water

Pressure Fluids

SURFACE ROUGHNESS

Dynamic surface Ra max< 0.4 µm

Type	Dn	dN	b	d1	S1	S2
EP	25.00	8+0.1	12.00	15.00	3.00	4.00
EP	32.00	8+0.1	15.00	19.00	3.00	6.00
EP	40.00	10+0.1	18.00	21.00	5.00	7.00
EP	50.00	10+0.1	18.00	21.00	5.00	7.00
EP	60.00	12+0.1	22.00	39.00	5.00	9.00
EP	63.00	16+0.1	22.00	43.50	6.00	9.00
EP	63.00	12+0.1	22.00	42.00	5.00	9.00
EP	65.00	12+0.1	25.00	40.00	5.00	7.50
EP	70.00	12+0.1	22.00	49.00	6.00	8.00
EP	80.00	16+0.1	24.00	55.00	6.00	9.00
EP	100.00	20+0.2	26.00	74.00	9.00	12.00
EP	125.00	20+0.2	26.00	94.00	9.00	12.00
EP	160.00	27+0.2	30.00	128.00	11.00	14.00
EP	200.00	27+0.2	35.00	168.00	11.50	14.50