

SPS

TENUTA PISTONE A MOLLA TIPO SPS

Descrizione

Realizzata per tenuta pistone di cilindri pneumatici, la guarnizione tipo SPS è utilizzabile anche per valvole pneumatiche, se gli ingombri lo permettono. Le ridotte dimensioni delle sedi consentono un'esecuzione di lavorazione macchina semplice. Il profilo simmetrico, costituito da una tenuta arrotondata al centro sul labbro dinamico e due sporgenze sul labbro statico, ne facilita il montaggio. La particolare forma a molla rende il sistema molto scorrevole anche a bassa pressione.

Limiti d'impiego

Pressione:	‹ 20 bar
Velocità:	‹ 1 m/s
Temperatura:	da - 40° C a + 90° C
Fluidi:	aria con o senza lubrificazione, oli e grassi minerali (v. tabella 3 a p. 14)

Materiale

Materiale standard poliuretano a 90 Shore A.
Codice materiale standard: Bo
Materiale alternativo poliuretano a 85 Shore A.
Codice materiale alternativo: Ao

Montaggio

Eliminare tutti gli spigoli vivi e le bave sulla camicia per evitare di compromettere la guarnizione. Eseguire uno smusso sulla camicia del cilindro.

SPS TYPE SPRING PISTON SEAL

Description

The SPS rod seal has been designed for pneumatic cylinder applications.
The SPS can also be used for pneumatic valves where the overall dimensions allowed.
Moreover a shorter machining of the system can be obtained thanks to the reduced overall dimensions.
The profile is rounded in the middle of the dynamic lip and it has two projections on the static lip.
This symmetric shape allows easier installation. The special spring shaped profile ensures high flexibility in the system even at low pressure.

Technical data

Pressure:	*‹ 20 bar*
Speed:	*‹ 1 m/s*
Temperature:	*from -40° C up to +90° C*
Fluids:	*air with or without lubrication, mineral oils or grease (see table 3, page 14)*

Material

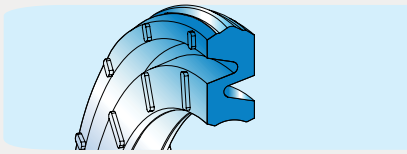
Standard polyurethane 90 Shore A.
Standard compound reference: Bo
Alternative polyurethane 85 Shore A.
Alternative compound reference: Ao

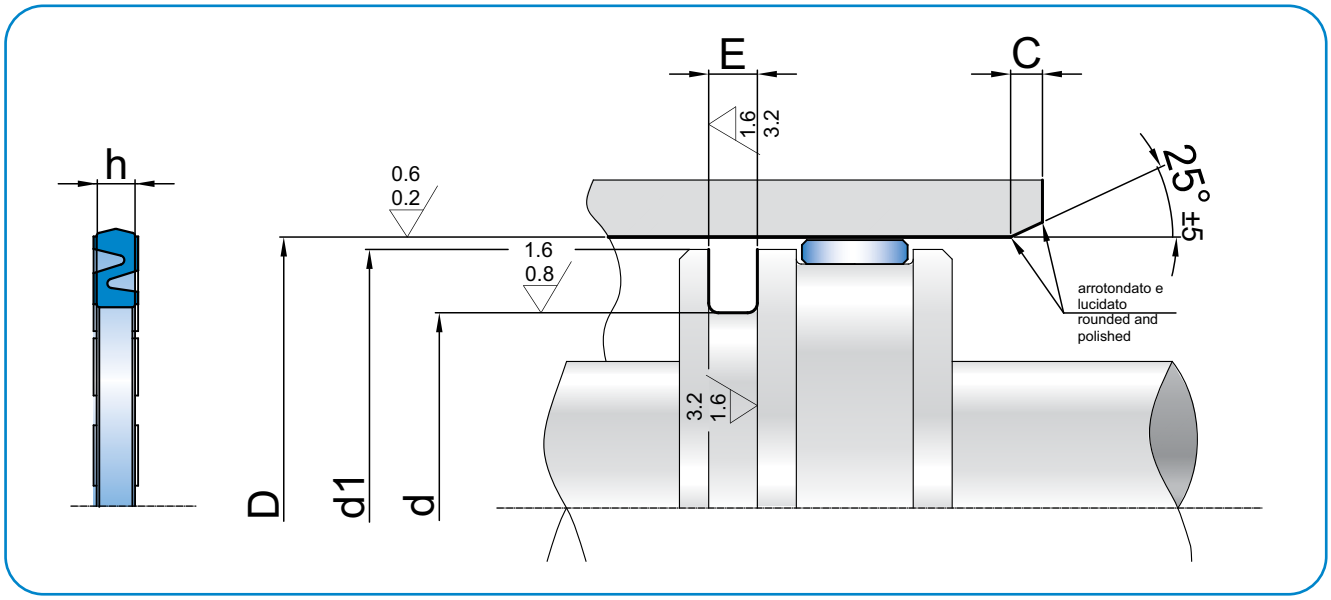
Assembling

It is important to remove flashes or cutting edges in the housing to avoid damages. The bore must present a lead-in chamfer.

ARTIC SEALS

SPS





DH11	dh10	toll $_{h10}$	d1	h	E+0,2	ART / ITEM				
12,0	7,0	0/-0.058	11,5	2,2	2,5	SPS	0120	0070	022	Bo
16,0	9,0	0/-0.058	15,5	2,4	2,5	SPS	0160	0090	024	Bo
20,0	13,0	0/-0.070	19,5	2,4	2,5	SPS	0200	0130	024	Bo
25,0	18,0	0/-0.070	24,5	2,4	2,5	SPS	0250	0180	024	Bo
28,0	21,0	0/-0.084	27,5	2,4	2,5	SPS	0280	0210	024	Bo
30,0	21,0	0/-0.084	29,5	2,9	3,0	SPS	0300	0210	029	Bo
32,0	23,0	0/-0.084	31,5	2,9	3,0	SPS	0320	0230	029	Bo
35,0	26,0	0/-0.084	34,5	2,9	3,0	SPS	0350	0260	029	Bo
40,0	31,0	0/-0.100	39,5	2,9	3,0	SPS	0400	0310	029	Bo
45,0	36,0	0/-0.100	44,5	2,9	3,0	SPS	0450	0360	029	Bo
50,0	41,0	0/-0.100	49,5	2,9	3,0	SPS	0500	0410	029	Bo
60,0	48,0	0/-0.100	59,5	3,9	4,0	SPS	0600	0480	039	Bo
63,0	51,0	0/-0.120	62,5	3,9	4,0	SPS	0630	0510	039	Bo
70,0	58,0	0/-0.120	69,5	3,9	4,0	SPS	0700	0580	039	Bo
80,0	68,0	0/-0.120	79,5	3,9	4,0	SPS	0800	0680	039	Bo
100,0	88,0	0/-0.120	99,5	3,9	4,0	SPS	1000	0880	039	Bo

Nota: altre dimensioni non a catalogo a richiesta. Consultare il nostro ufficio tecnico.

Remark: please contact our technical dept. for further dimensions not included in the catalogue.