

SPS / N

TENUTA PISTONE A MOLLA TIPO SPS/N

Descrizione

Realizzata per tenuta pistone di cilindri pneumatici, la guarnizione tipo SPS/N è utilizzabile anche per valvole pneumatiche dove gli ingombri lo permettono.

Le ridotte dimensioni delle sedi consentono un'esecuzione di lavorazione macchina veloce e semplice.

Il profilo simmetrico ne facilita il montaggio.

La particolare forma a molla rende il sistema molto scorrevole anche a bassissima pressione.

Limiti d'impiego

Pressione: < 12 [bar]

Velocità: < 1 [m/s]

Temperatura: da - 20 °C a +100 °C mescola NBR
da -15 °C a +150 °C mescola FKM

Fluidi: aria lubrificata, grassi e oli minerali (v. tabella 3 a p. 14)

Materiale

Il materiale standard è NBR 80 Shore A.

A richiesta materiale FKM 75 Shore A.

Codice materiale standard: N1

Montaggio

Eliminare spigoli vivi e le bave per non danneggiare la tenuta al momento del montaggio. Eseguire uno smusso sulla camicia del cilindro (v. p. 245).

SPS/N TYPE SPRING PISTON SEAL

Description

The seal type SPS / N is a piston seal for pneumatic cylinders.

The SPS/N can also be used for pneumatic valves where the overall dimensions allowed.

The reduced dimensions of the seat allows fast and simple machining operations.

This symmetric profile allows easier installation The special spring shape ensure a system sliding even at very low pressure.

Technical data

Pressure: < 12 [bar]

Speed: < 1 [m/s]]

Temperature: from - 20 °C to +100 °C mescola NBR
from -15 °C to +150 °C mescola FKM

Fluids: Lubricated air, grease and mineral oils (see table 3, page 14)

Material

Standard material is NBR 80 Shore A.

On demand material FKM 75 Shore A

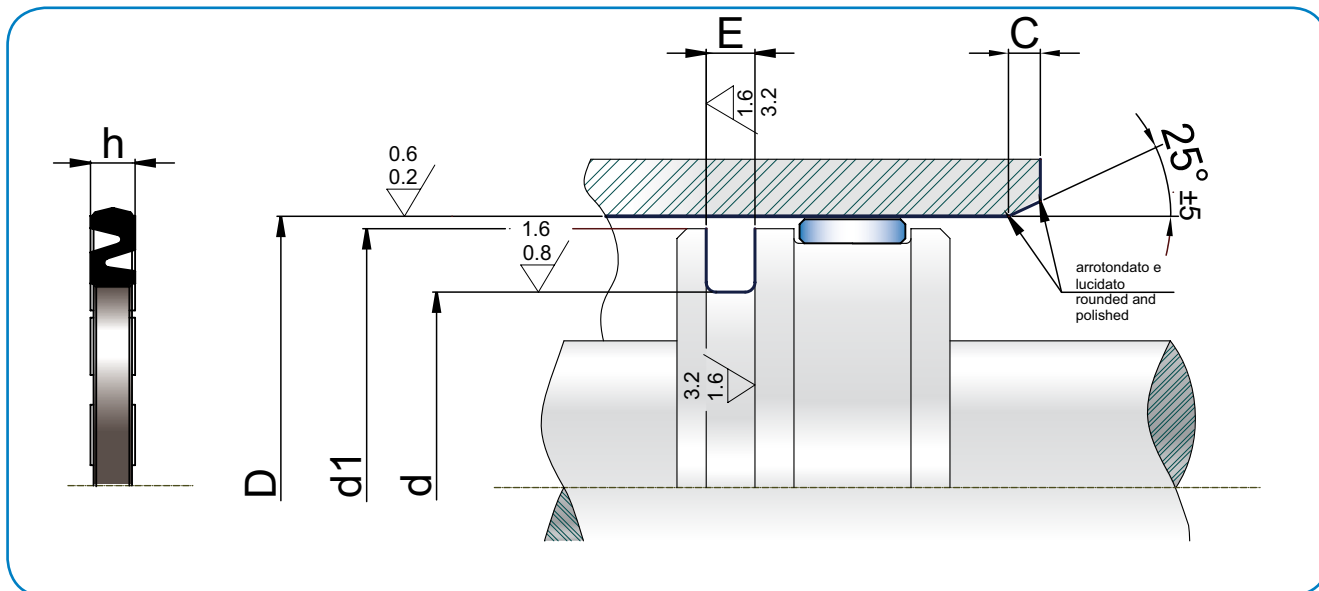
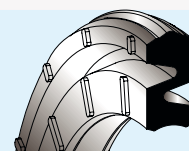
Standard compound reference: N1

Assembling

It is important to remove flashes or cutting edges in the housing to avoid damages. The bore must present a lead-in chamfer (see page 245).



SPS/N



PSP
PSP/N
MPS
MPM
SPS
SPS/N
PLF
MPP
PSN

df9	DH10	toll _{h10}	d1	h	E+0,2	ART / ITEM			
12,0	7,0	0/-0,058	11,5	2,20	2,50	SPS	0120	0070	022 N1
16,0	9,0	0/-0,058	15,5	2,40	2,50	SPS	0160	0090	024 N1
20,0	13,0	0/-0,070	19,5	2,40	2,50	SPS	0200	0130	024 N1
25,0	18,0	0/-0,070	24,5	2,40	2,50	SPS	0250	0180	024 N1
28,0	21,0	0/-0,084	27,5	2,40	2,50	SPS	0280	0210	024 N1
30,0	21,0	0/-0,084	29,5	2,90	3,00	SPS	0300	0210	029 N1
32,0	23,0	0/-0,084	31,5	2,90	3,00	SPS	0320	0230	029 N1
35,0	26,0	0/-0,084	34,5	2,90	3,00	SPS	0350	0260	029 N1
40,0	31,0	0/-0,100	39,5	2,90	3,00	SPS	0400	0310	029 N1
45,0	36,0	0/-0,100	44,5	2,90	3,00	SPS	0450	0360	029 N1
50,0	41,0	0/-0,100	49,5	2,90	3,00	SPS	0500	0410	029 N1
60,0	48,0	0/-0,100	59,5	3,90	4,00	SPS	0600	0480	039 N1
63,0	51,0	0/-0,120	62,5	3,90	4,00	SPS	0630	0510	039 N1
70,0	58,0	0/-0,120	69,5	3,90	4,00	SPS	0700	0580	039 N1
80,0	68,0	0/-0,120	79,5	3,90	4,00	SPS	0800	0680	039 N1
100,0	88,0	0/-0,120	99,5	3,90	4,00	SPS	1000	0880	039 N1
125,0	110,0	0/-0,120	124,5	4,90	5,00	SPS	1250	1100	049 N1

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.