

ISA

FASCE DI GUIDA PER STELO TIPO ISA

Descrizione

Per evitare il contatto diretto tra lo stelo e la testata del cilindro, e tra il pistone e la camicia, che nella maggior parte dei cilindri pneumatici è di alluminio, si inserisce una fascia di guida tipo ISA che tiene guidato tutto il sistema.

Le fasce di guida sono stampate con un materiale autolubrificante, non abrasivo e studiato per favorire uno scorrimento lineare. Il profilo della guida presenta smussi interni ed esterni che facilitano il montaggio di stelo e pistone.

Limiti d'impiego

Velocità: < 1 m/s

Temperatura: da - 40° C a + 115° C

Materiale

Resina poliacetalica modificata.

Grazie all'aggiunta di particolari additivi il materiale è molto scorrevole e non abrasivo.

Codice materiale standard: R3

Vantaggi

- ottimo rapporto prezzo/prestazioni
- basso effetto stick-slip
- buona resistenza alla compressione.

Montaggio

Grazie alle guide tagliate il montaggio si esegue facilmente.

Nota: sezione tecnica guide p.158

ISA TYPE ROD GUIDE RING

Description

The ISA type rod guide ring is used to avoid direct contact between cylinder head and rod, and between piston and sleeve, since for the main part of the pneumatic cylinders are made of aluminium. It's also used to lead all the system.

The guide rings are moulded in non-abrasive and self-lubricant material, especially studied to improve the linear sliding.

The profile presents chamfers both sides for easier installation of rod and piston.

Technical data

Speed: < 1 m/s

Temperature: from - 40° C up to + 115° C

Material

Non abrasive modified Polyacetalic resin with additives improving the sliding.

Standard compound reference: R3

Advantages

- excellent price/performance ratio
- low stick-slip effect
- good compressive strength.

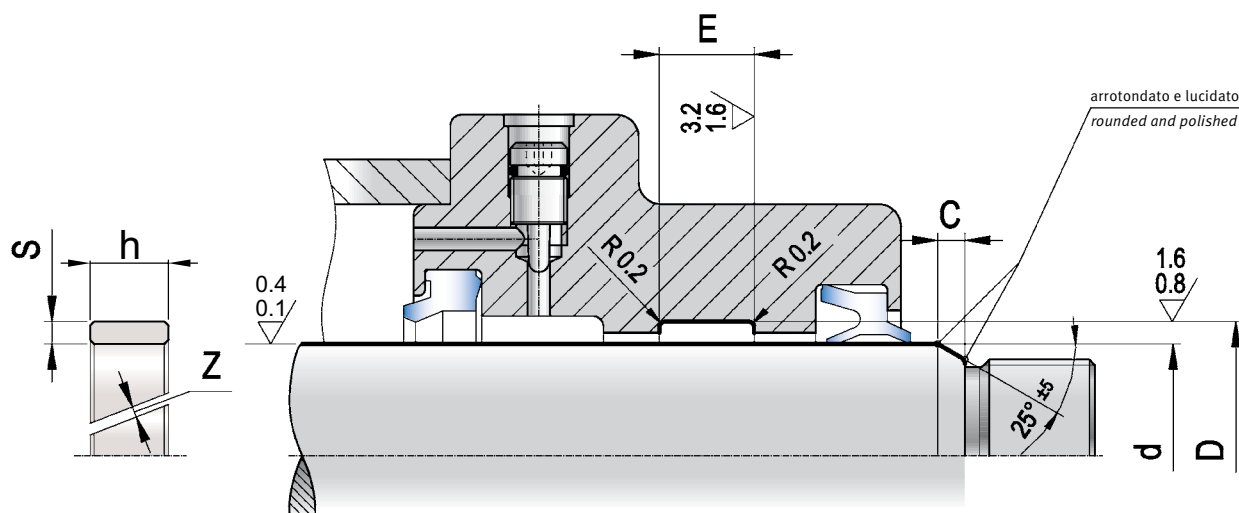
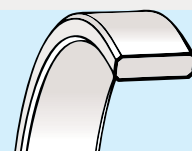
Assembling

The assembling can be easily done since the wear ring is cut.

Note: wear rings technical section p.158



ISA



d _{f9}	D _{H7}	toll _{H7}	E _{+0,2}	ART / ITEM			
8,0	11,1	+0.018/0	2,5	ISA	0080	0111	025 R3
10,0	13,1	+0.018/0	2,5	ISA	0100	0131	025 R3
10,0	13,1	+0.018/0	4,0	ISA	0100	0131	040 R3
12,0	15,1	+0.018/0	4,0	ISA	0120	0151	040 R3
12,0	16,0	+0.018/0	9,7	ISA	0120	0160	097 R3
14,0	17,1	+0.018/0	4,0	ISA	0140	0171	040 R3
14,0	18,0	+0.018/0	9,7	ISA	0140	0180	097 R3
15,0	18,1	+0.021/0	4,0	ISA	0150	0181	040 R3
16,0	19,1	+0.021/0	4,0	ISA	0160	0191	040 R3
16,0	20,0	+0.021/0	9,7	ISA	0160	0200	097 R3
17,0	20,1	+0.021/0	4,0	ISA	0170	0201	040 R3
18,0	22,0	+0.021/0	9,7	ISA	0180	0220	097 R3
20,0	23,1	+0.021/0	4,0	ISA	0200	0231	040 R3
22,0	25,1	+0.021/0	4,0	ISA	0220	0251	040 R3
25,0	28,1	+0.021/0	4,0	ISA	0250	0281	040 R3

d _{f9}	D _{H7}	toll _{H7}	E _{+0,2}	ART / ITEM			
28,0	31,1	+0.025/0	4,0	ISA	0280	0311	040 R3
30,0	33,0	+0.025/0	5,6	ISA	0300	0330	056 R3
30,0	33,8	+0.025/0	5,6	ISA	0300	0338	056 R3
30,0	33,1	+0.025/0	4,0	ISA	0300	0331	040 R3
32,0	35,1	+0.025/0	4,0	ISA	0320	0351	040 R3
35,0	38,1	+0.025/0	4,0	ISA	0350	0381	040 R3
36,0	39,1	+0.025/0	4,0	ISA	0360	0391	040 R3
40,0	43,1	+0.025/0	4,0	ISA	0400	0431	040 R3
50,0	53,1	+0.030/0	4,0	ISA	0500	0531	040 R3
55,1	57,9	+0.030/0	4,0	ISA	0551	0579	040 R3
68,0	71,0	+0.030/0	4,0	ISA	0680	0710	040 R3

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.