

CSA

GUARNIZIONI AMMORTIZZO TIPO CSA

Descrizione

L'elemento d'ammortizzo tipo CSA è studiato per la frenatura di fine corsa nei pistoni dei cilindri pneumatici.
Queste le caratteristiche che concorrono all'efficacia del sistema frenante della guarnizione CSA:

- il profilo raschiante con lo smusso d'invito che facilita l'inserimento dell'ogiva
- le scanalature all'esterno che permettono l'allineamento
- il bordo alla base dell'ammortizzo
- l'utilizzo del poliuretano che grazie all'alto modulo elastico e all'alta resistenza all'urto garantisce una lunga durata in esercizio.

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

Il materiale standard è un poliuretano a basso compression-set con una buona flessibilità a freddo.
Materiale standard poliuretano a 90 Shore A.
Codice materiale standard: Bo
Materiale alternativo, (d › 40) poliuretano a 93 Shore A.
Codice materiale alternativo: Co

Montaggio

Il montaggio avviene in sede semiaperta, pertanto si consiglia di eliminare tutti gli spigoli vivi e le bave per evitare di compromettere la guarnizione.
Lubrificare con grasso per prolungare la durata.

CSA TYPE CUSHIONING SEAL

Description

The CSA cushioning seal is designed for braking points at the end-stroke of pneumatic cylinders.
Several elements contribute to the increased efficiency of the CSA seal braking system:

- *the scraping profile with lead-in chamfer for better insertion of the shoulder*
- *the external grooves granting auto-alignment*
- *the edge at the bottom of the cushioning*
- *the use of polyurethane which ensures a long*
- *service life thanks to the high modulus of elasticity*
- *and the very good impact resistance.*

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

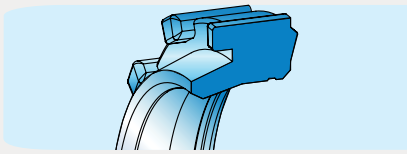
The standard raw material is a low compression-set polyurethane with good flexibility at low temperature.
Standard polyurethane 90 Shore A.
Standard compound reference: Bo
Alternative (d › 40) polyurethane 93 Shore A.
Alternative compound reference: Co

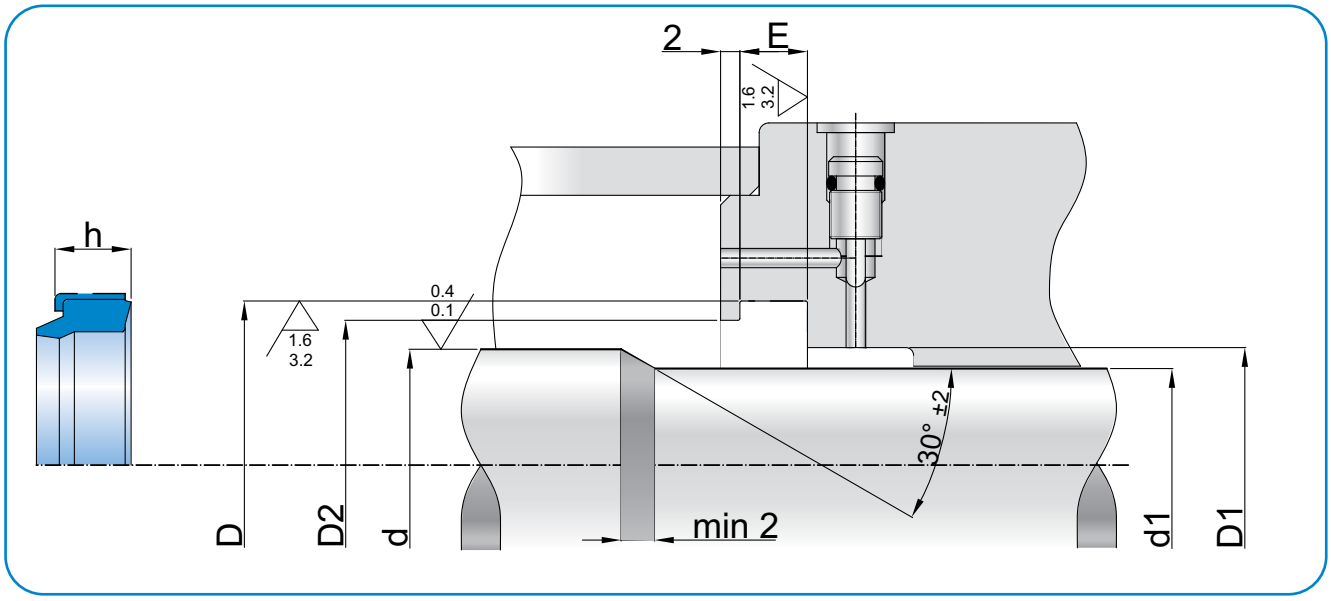
Assembling

The assembling is done in semi-open groove, therefore cutting edges or flashes should be removed otherwise they may influence the sealing performance.
Lubrication with grease will increase lifetime of the seal.

ARTIC SEALS

CSA





d_{h10}	toll $_{h10}$	D_{H11}	D_1	D_2	d_1	h	E	ART / *ITEM*
6,0	0/-0.048	10,0	6,5	8,0	4,5	3,4	3,7	CSA 0060 0100 034 Bo
8,0	0/-0.058	11,6	8,5	10,0	7,0	3,0	3,3	CSA 0080 0116 030 Bo
9,5	0/-0.058	15,0	10,0	12,0	8,0	4,0	4,5	CSA 0095 0150 040 Bo
10,0	0/-0.058	18,0	11,0	15,0	8,0	6,5	7,0	CSA 0100 0180 065 Bo
12,0	0/-0.070	18,0	13,0	15,5	10,0	4,3	4,8	CSA 0120 0180 043 Bo
12,0	0/-0.070	20,0	13,0	17,0	10,0	6,5	7,0	CSA 0120 0200 065 Bo
14,0	0/-0.070	22,0	15,0	19,0	12,0	6,5	7,0	CSA 0140 0220 065 Bo
16,0	0/-0.070	22,0	17,0	19,5	14,0	4,7	5,2	CSA 0160 0220 047 Bo
16,0	0/-0.070	24,0	17,0	21,0	14,0	6,5	7,0	CSA 0160 0240 065 Bo
18,0	0/-0.070	26,0	19,0	23,0	16,0	6,5	7,0	CSA 0180 0260 065 Bo
20,0	0/-0.084	28,0	21,0	24,0	17,5	6,5	7,0	CSA 0200 0280 065 Bo
22,0	0/-0.084	30,0	23,0	26,0	19,5	6,5	7,0	CSA 0220 0300 065 Bo
25,0	0/-0.084	33,0	26,0	29,0	22,5	6,5	7,0	CSA 0250 0330 065 Bo
28,0	0/-0.084	36,0	29,0	32,0	25,5	6,5	7,0	CSA 0280 0360 065 Bo
30,0	0/-0.084	40,0	31,5	35,0	27,5	6,5	7,0	CSA 0300 0400 065 Bo
32,0	0/-0.084	42,0	33,5	37,0	29,0	6,5	7,0	CSA 0320 0420 065 Bo
36,0	0/-0.100	46,0	37,5	41,0	33,0	6,5	7,0	CSA 0360 0460 065 Bo
40,0	0/-0.100	50,0	41,5	45,0	37,0	6,5	7,0	CSA 0400 0500 065 Bo
50,0	0/-0.100	60,0	51,5	55,0	47,0	6,5	7,0	CSA 0500 0600 065 Bo
57,0	0/-0.120	74,0	60,0	65,0	54,0	12,0	12,5	CSA 0570 0740 120 Bo
70,0	0/-0.120	87,0	73,0	78,0	66,0	12,0	12,5	CSA 0700 0870 120 Bo
78,0	0/-0.120	95,0	81,0	86,0	74,0	12,0	12,5	CSA 0780 0950 120 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.