

KDSA

TENUTA PISTONE COMPATTA TIPO KDSA

Descrizione

La tenuta pistone compatta tipo KDSA è costituita da un elemento centrale in gomma nitrilica che esercita la funzione di tenuta, da due supporti laterali all'elemento in gomma che agiscono da anelli antiestrusione e da due guide esterne che mantengono in guida il pistone nel cilindro.

Dati tecnici

Pressione: da 0 a 400
Velocità: ‹ 0.5 m/s
Temperatura: da - 30 °C a +100 °C
Fluidi: oli a base minerale
(v. tabella 3 a p. 14)

Materiale

I materiali utilizzati per questa tenuta sono:

- NBR con durezza 70 Shore A ± 3 per l'elemento centrale
- elastomero termoplastico (TPE) per i supporti laterali
- resina poliacetalica le guide esterne (POM).

Codice materiale standard: CX

Montaggio

Il montaggio di questa tenuta è eseguibile sia in cava chiusa su pistone monoblocco sia in cava aperta su pistone in due pezzi.
L'ordine del montaggio deve essere il seguente:

- elemento in gomma
- supporti
- guide.

È necessario che il pistone non presenti bave di lavorazione meccanica che danneggerebbero l'elemento in gomma durante il montaggio.

KDSA TYPE COMPACT PISTON SEAL

Description

The KDSA compact seal is made of a central unit made of NBR working as a seal, two siden supports, working as anti extrusion ring, and two external guide rings, keeping aligned the piston in the cylinder.

Technical data

Pressure: *from 0 to 400*
Speed: *‹ 0.5 m/s*
Temperature: *from - 30 °C at +100 °C*
Fluids: *Mineral oils*
(see table 3, page 14)

Material

The compounds used to manufacture this seal type are:

- *the central units is made of NBR, the hardness is 70 Shore A ± 3*
- *the sides support are made of thermoplastic elastomer (TPE)*
- *the external wear rings are made of polyacetal resin (POM).*

Compound reference: CX

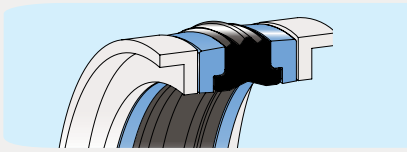
Assembling

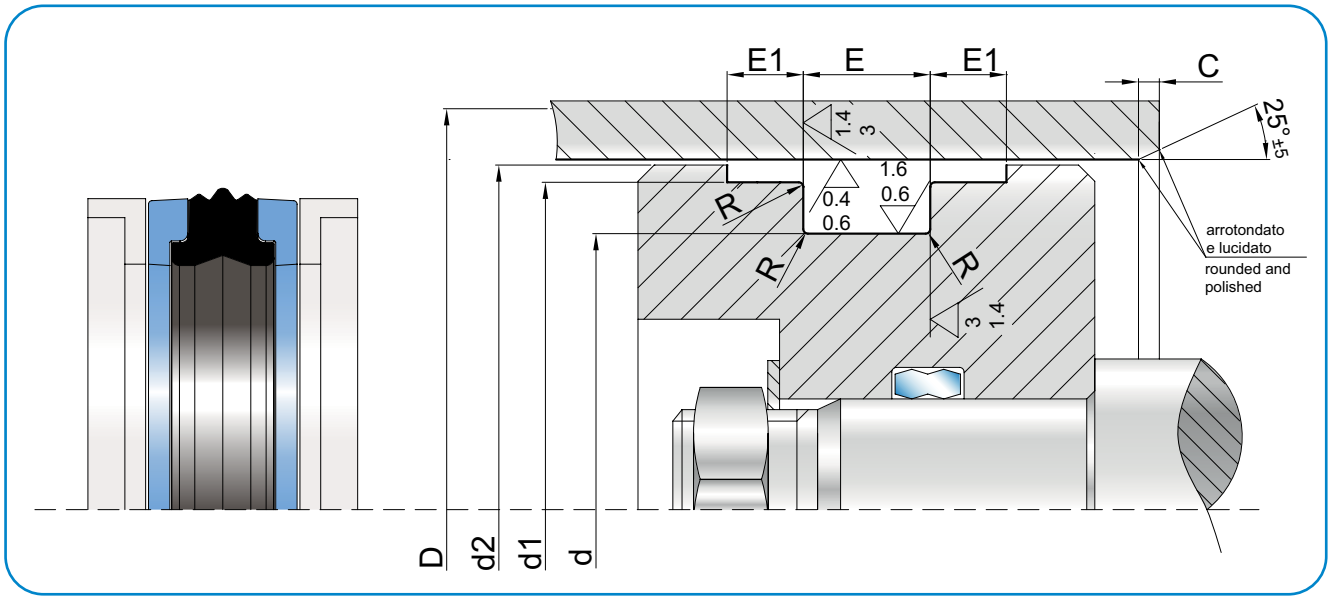
The assembling of this seal can be carried out in either closed groove in a mono-block piston, or in open groove in a two-parts piston.
The assembling has to be done as follows:

- *rubber element*
- *supports*
- *wear rings.*

The piston must not have machining scores which may damage the rubber unit during the installation.

KDSA





D_{H9}	d_{h9}	$E_{+0,2}$	d_{1h9}	$d_{2\pm0,2}$	$E_{1\ 0/+0,1}$	R	C	ART / *ITEM*
32,0	24,0	15,5	28,0	31,4	3,2	0,4	3,5	KDSA 0320 0240 155 CX
40,0	32,0	15,5	36,0	39,4	3,2	0,4	4,0	KDSA 0400 0320 155 CX
50,0	38,0	20,5	46,0	49,4	4,2	0,4	4,0	KDSA 0500 0380 205 CX
60,0	48,0	20,5	56,0	59,4	4,2	0,4	4,5	KDSA 0600 0480 205 CX
63,0	51,0	20,5	59,0	62,4	4,2	0,4	4,5	KDSA 0630 0510 205 CX
70,0	58,0	20,5	66,0	69,4	4,2	0,4	4,5	KDSA 0700 0580 205 CX
80,0	66,0	22,5	76,0	79,4	5,2	0,4	4,5	KDSA 0800 0660 225 CX
90,0	76,0	22,5	86,0	89,4	5,2	0,4	4,5	KDSA 0900 0760 225 CX
100,0	86,0	22,5	96,0	99,4	5,2	0,4	5,0	KDSA 1000 0860 225 CX
110,0	96,0	22,5	106,0	109,4	5,2	0,4	5,0	KDSA 1100 0960 225 CX
120,0	106,0	22,5	116,0	119,4	5,2	0,8	5,0	KDSA 1200 1060 225 CX
125,0	108,0	26,5	121,0	124,4	7,2	0,8	5,0	KDSA 1250 1080 265 CX
130,0	113,0	26,5	126,0	129,4	7,2	0,8	5,0	KDSA 1300 1130 265 CX
140,0	123,0	26,5	136,0	139,4	7,2	0,8	5,0	KDSA 1400 1230 265 CX
150,0	133,0	26,5	146,0	149,4	7,2	0,8	5,0	KDSA 1500 1330 265 CX
160,0	143,0	26,5	156,0	159,4	7,2	0,8	5,0	KDSA 1600 1430 265 CX

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.