

KDSB/AE

TENUTA PISTONE COMPATTA TIPO KDSB/AE

Descrizione

La tenuta pistone compatta tipo KDSB/AE è costituita da un elemento centrale in gomma nitrilica che esercita la funzione di tenuta, da due supporti laterali all'elemento in gomma ,e da due anelli antiestrusione.
Diversamente dalla KDSB il pistone nel cilindro deve esse progettato prevedendo gli elementi di guida.

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 può essere eseguito 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.

KDSB/AE TYPE COMPACT PISTON SEAL

Description

The KDSB/AE compact piston seal combines a central NBR unit working as a pressure seal supported by two side elements and two anti-extrusion rings.
The KDSB/AE requires the addition of wear rings housed wither side of the seal.

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 following:

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

Compound reference: CX

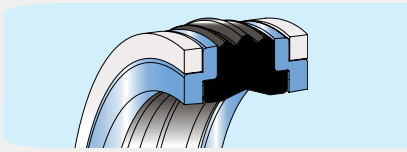
Assembling

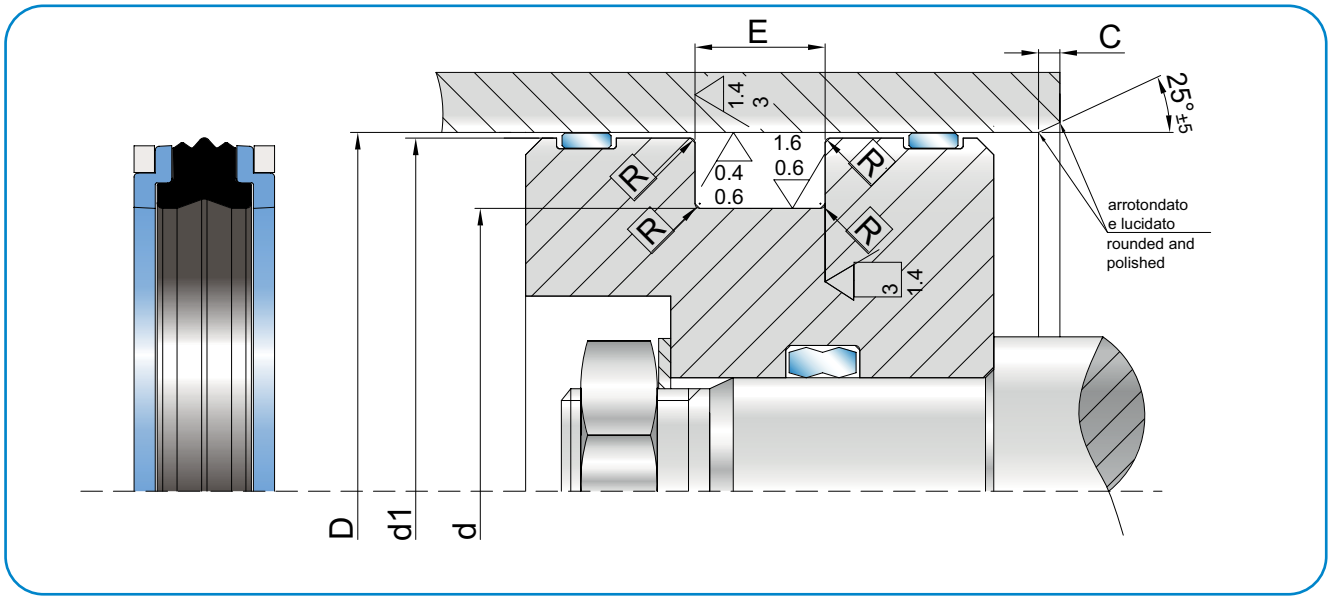
The assembling of this seal can be carried out in either closed groove in a mono-block piston, or in open groove in a two-parts piston.
The assembling has to be done as follows:

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

Avoid machining scores on the piston which may damage the rubber unit during the installation.

KDSB/AE





D_{H9}	d_{h9}	$E_{+0,2}$	d_{1h9}	R	C	ART / *ITEM*				
40,0	30,0	16,4	38,5	0,4	4,0	KDSB/AE	0400	0300	164	CX
45,0	35,0	16,4	43,5	0,4	4,0	KDSB/AE	0450	0350	164	CX
50,0	34,0	18,4	48,5	0,4	4,0	KDSB/AE	0500	0340	184	CX
60,0	44,0	18,4	58,5	0,4	4,5	KDSB/AE	0600	0440	184	CX
63,0	47,0	18,4	61,5	0,4	4,5	KDSB/AE	0630	0470	184	CX
70,0	50,0	22,4	68,3	0,4	4,5	KDSB/AE	0700	0500	224	CX
75,0	55,0	22,4	73,3	0,4	4,5	KDSB/AE	0750	0550	224	CX
80,0	60,0	22,4	78,3	0,4	4,5	KDSB/AE	0800	0600	224	CX
85,0	65,0	22,4	83,3	0,4	4,5	KDSB/AE	0850	0650	224	CX
90,0	70,0	22,4	88,3	0,4	4,5	KDSB/AE	0900	0700	224	CX
95,0	75,0	22,4	93,3	0,4	4,5	KDSB/AE	0950	0750	224	CX
100,0	75,0	22,4	98,0	0,4	5,0	KDSB/AE	1000	0750	224	CX
110,0	85,0	22,4	108,0	0,4	5,0	KDSB/AE	1100	0850	224	CX
120,0	95,0	22,4	118,1	0,8	5,0	KDSB/AE	1200	0950	224	CX
125,0	100,0	25,4	123,0	0,8	5,0	KDSB/AE	1250	1000	254	CX
130,0	105,0	25,4	127,5	0,8	5,0	KDSB/AE	1300	1050	254	CX
135,0	110,0	25,4	132,5	0,8	5,0	KDSB/AE	1350	1100	254	CX
140,0	115,0	25,4	137,5	0,8	5,0	KDSB/AE	1400	1150	254	CX
150,0	125,0	25,4	147,5	0,8	5,0	KDSB/AE	1500	1250	254	CX
160,0	135,0	25,4	157,5	0,8	5,0	KDSB/AE	1600	1350	254	CX
170,0	145,0	25,4	167,1	0,8	5,0	KDSB/AE	1700	1450	254	CX
180,0	155,0	25,4	177,1	0,8	5,0	KDSB/AE	1800	1550	254	CX
200,0	175,0	25,4	197,0	0,8	6,0	KDSB/AE	2000	1750	254	CX
210,0	185,0	25,4	207,0	0,8	6,0	KDSB/AE	2100	1850	254	CX