

KDSB

TENUTA PISTONE COMPATTA TIPO KDSB

Descrizione

La tenuta pistone compatta tipo KDSB è costituita da un elemento centrale in gomma nitrilica che esercita la funzione di tenuta, da due support 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 300
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 $\pm$ 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 TYPE COMPACT PISTON SEAL

Description

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

Technical data

Pressure: from 0 to 300
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 $\pm$ 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.

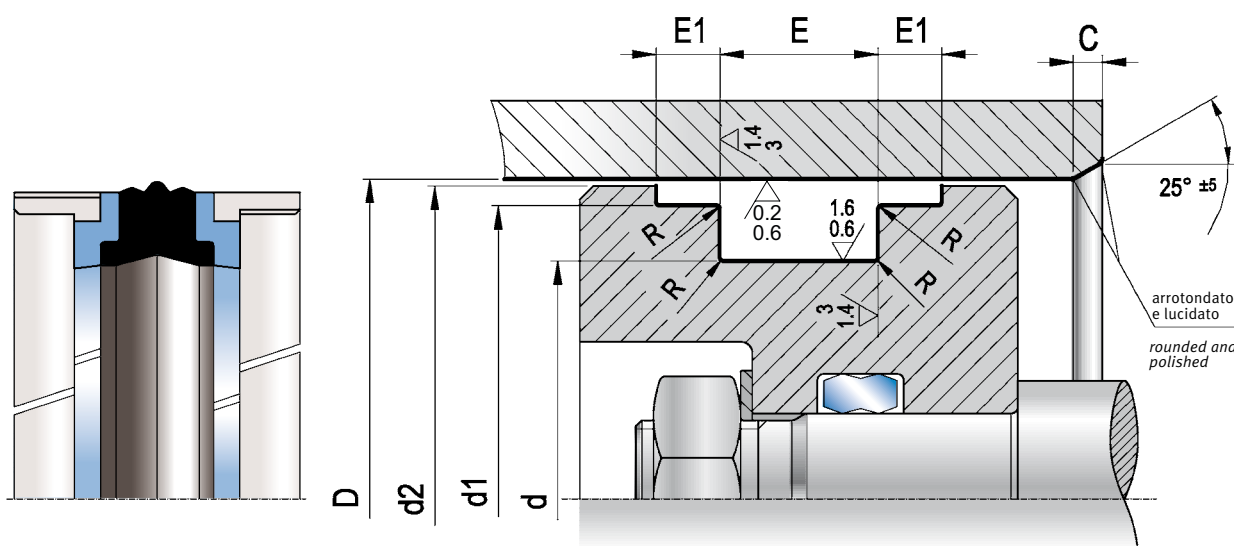
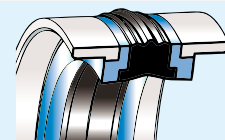
The assembling has to be done as follows:

- rubber element
- supports
- wear rings.

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

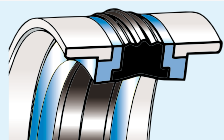


KDSB



PSA
PAE
PSH
RR
PSO
PSQ
PSN
TPD
PSZ
PHP
KDSA
KDSB
KDSP
KDAE

D _{H9}	d _{H9}	E _{+0,2}	d _{1H9}	d _{2±0,2}	E _{1 0/+0,1}	R	C	ART / ITEM
20,0	11,0	13,5	17,00	19,0	2,10	0,4	3,5	KDSB 0200 0110 135 CX
22,0	13,0	13,5	19,00	21,0	2,10	0,4	3,5	KDSB 0220 0130 135 CX
25,0	15,0	12,0	21,00	23,0	4,00	0,4	3,5	KDSB 0250 0150 120 CX
25,0	15,0	12,5	22,00	24,0	4,00	0,4	3,5	KDSB 0250 0150 125 CX
25,0	15,0	16,4	21,45	23,5	6,35	0,4	3,5	KDSB 0250 0150 164 CX
25,0	16,0	13,5	22,00	24,0	2,10	0,4	3,5	KDSB 0250 0160 135 CX
28,0	19,0	13,5	25,00	27,0	2,10	0,4	3,5	KDSB 0280 0190 135 CX
30,0	21,0	13,5	27,00	29,0	2,10	0,4	3,5	KDSB 0300 0210 135 CX
32,0	22,0	15,5	28,00	31,0	2,60	0,4	3,5	KDSB 0320 0220 155 CX
32,0	22,0	16,4	28,50	30,5	6,35	0,4	3,5	KDSB 0320 0220 164 CX
35,0	25,0	15,5	31,00	34,0	2,60	0,4	3,5	KDSB 0350 0250 155 CX
35,0	25,0	16,4	31,40	33,5	6,35	0,4	3,5	KDSB 0350 0250 164 CX
40,0	24,0	18,4	35,40	38,5	6,35	0,4	4,0	KDSB 0400 0240 184 CX
40,0	26,0	15,5	36,00	39,0	2,60	0,4	4,0	KDSB 0400 0260 155 CX
40,0	30,0	12,5	36,00	38,0	4,00	0,4	4,0	KDSB 0400 0300 125 CX
40,0	30,0	16,4	35,40	38,5	6,35	0,4	4,0	KDSB 0400 0300 164 CX
42,0	28,0	15,5	38,00	41,0	2,60	0,4	4,0	KDSB 0420 0280 155 CX
45,0	29,0	18,4	40,40	43,5	6,35	0,4	4,0	KDSB 0450 0290 184 CX
45,0	31,0	15,5	41,00	44,0	2,60	0,4	4,0	KDSB 0450 0310 155 CX
45,0	35,0	16,4	40,40	43,5	6,35	0,4	4,0	KDSB 0450 0350 164 CX
50,0	34,0	18,4	45,40	48,5	6,35	0,4	4,0	KDSB 0500 0340 184 CX
50,0	34,0	20,5	46,00	49,0	3,10	0,4	4,0	KDSB 0500 0340 205 CX
55,0	39,0	18,4	50,36	53,5	6,35	0,4	4,0	KDSB 0550 0390 184 CX
55,0	39,0	20,5	51,00	54,0	3,10	0,4	4,0	KDSB 0550 0390 205 CX
56,0	40,0	20,5	52,00	55,0	3,10	0,4	4,0	KDSB 0560 0400 205 CX
60,0	44,0	18,4	55,40	58,5	6,35	0,4	4,5	KDSB 0600 0440 184 CX
60,0	44,0	20,5	56,00	59,0	3,10	0,4	4,5	KDSB 0600 0440 205 CX

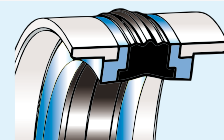


KDSB

D _{H9}	d _{H9}	E _{+0,2}	d _{1H9}	d _{2±0,2}	E _{1 0/+0,1}	R	C	ART / ITEM			
63,0	47,0	18,4	58,40	61,5	6,35	0,4	4,5	KDSB	0630	0470	184 CX
63,0	47,0	19,4	58,40	61,5	6,35	0,4	4,5	KDSB	0630	0470	194 CX
63,0	47,0	20,5	59,00	62,0	3,10	0,4	4,5	KDSB	0630	0470	205 CX
65,0	49,0	20,5	61,00	64,0	3,10	0,4	4,5	KDSB	0650	0490	205 CX
65,0	50,0	18,4	60,40	63,5	6,35	0,4	4,5	KDSB	0650	0500	184 CX
65,0	53,0	20,5	61,0	63,5	4,10	0,4	4,5	KDSB	0650	0530	205 CX
70,0	50,0	22,4	64,20	68,3	6,35	0,4	4,5	KDSB	0700	0500	224 CX
70,0	54,0	20,5	66,00	69,0	3,10	0,4	4,5	KDSB	0700	0540	205 CX
75,0	55,0	22,4	69,20	73,3	6,35	0,4	4,5	KDSB	0750	0550	224 CX
75,0	59,0	20,5	71,00	74,0	3,10	0,4	4,5	KDSB	0750	0590	205 CX
80,0	60,0	22,4	74,15	78,3	6,35	0,4	4,5	KDSB	0800	0600	224 CX
80,0	62,0	22,5	76,00	79,0	3,60	0,4	4,5	KDSB	0800	0620	225 CX
85,0	65,0	22,4	79,15	83,3	6,35	0,4	4,5	KDSB	0850	0650	224 CX
90,0	70,0	22,4	84,15	88,3	6,35	0,4	4,5	KDSB	0900	0700	224 CX
90,0	72,0	22,5	86,00	89,0	3,60	0,4	4,5	KDSB	0900	0720	225 CX
95,0	75,0	22,4	89,15	93,3	6,35	0,4	4,5	KDSB	0950	0750	224 CX
100,0	75,0	22,4	93,15	98,0	6,35	0,4	5,0	KDSB	1000	0750	224 CX
100,0	82,0	22,5	96,00	99,0	3,60	0,4	5,0	KDSB	1000	0820	225 CX
105,0	80,0	22,4	98,10	103,0	6,35	0,4	5,0	KDSB	1050	0800	224 CX
110,0	85,0	22,4	103,10	108,0	6,35	0,4	5,0	KDSB	1100	0850	224 CX
110,0	92,0	22,5	106,00	109,0	3,60	0,4	5,0	KDSB	1100	0920	225 CX
115,0	90,0	22,4	108,10	113,0	6,35	0,4	5,0	KDSB	1150	0900	224 CX
115,0	97,0	22,5	111,00	114,0	3,60	0,4	5,0	KDSB	1150	0970	225 CX
120,0	95,0	22,4	113,10	118,1	6,35	0,8	5,0	KDSB	1200	0950	224 CX
125,0	100,0	25,4	118,10	123,0	6,35	0,8	5,0	KDSB	1250	1000	254 CX
125,0	103,0	26,5	121,00	124,0	5,10	0,8	5,0	KDSB	1250	1030	265 CX
130,0	105,0	25,4	122,60	127,5	9,50	0,8	5,0	KDSB	1300	1050	254 CX
130,0	105,0	25,4	123,10	128,0	6,35	0,8	5,0	KDSB1	1300	1050	254 CX
135,0	110,0	25,4	127,60	132,5	9,50	0,8	5,0	KDSB	1350	1100	254 CX
135,0	110,0	25,4	128,10	133,0	6,35	0,8	5,0	KDSB1	1350	1100	254 CX
140,0	115,0	25,4	132,60	137,5	9,50	0,8	5,0	KDSB	1400	1150	254 CX
140,0	115,0	25,4	133,00	138,0	6,35	0,8	5,0	KDSB1	1400	1150	254 CX
140,0	118,0	26,5	136,00	139,0	5,10	0,8	5,0	KDSB	1400	1180	265 CX
145,0	120,0	25,4	137,60	142,5	9,50	0,8	5,0	KDSB	1450	1200	254 CX
145,0	120,0	25,4	138,30	143,0	6,35	0,8	5,0	KDSB1	1450	1200	254 CX
150,0	125,0	25,4	142,60	147,5	9,50	0,8	5,0	KDSB	1500	1250	254 CX
150,0	125,0	25,4	143,00	148,0	6,35	0,8	5,0	KDSB1	1500	1250	254 CX
150,0	128,0	26,5	146,00	149,0	5,10	0,8	5,0	KDSB	1500	1280	265 CX
155,0	130,0	25,4	147,60	152,5	9,50	0,8	5,0	KDSB	1550	1300	254 CX
155,0	130,0	25,4	148,00	153,0	6,35	0,8	5,0	KDSB1	1550	1300	254 CX
160,0	130,0	25,4	153,00	157,5	6,35	0,8	5,0	KDSB1	1600	1300	254 CX
160,0	130,0	25,4	152,60	157,5	9,50	0,8	5,0	KDSB	1600	1300	254 CX
160,0	135,0	25,4	152,60	157,5	9,50	0,8	5,0	KDSB	1600	1350	254 CX
160,0	138,0	26,5	156,00	159,0	5,10	0,8	5,0	KDSB	1600	1380	265 CX
165,0	140,0	25,4	157,60	162,5	9,50	0,8	5,0	KDSB	1650	1400	254 CX



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D _{H9}	d _{H9}	E _{+0,2}	d _{1H9}	d _{2±0,2}	E _{1 0/+0,1}	R	C	ART / ITEM					
170,0	145,0	25,4	161,70	167,1	12,70	0,8	5,0	KDSB	1700	1450	254	CX	PSA
170,0	148,0	26,5	166,00	169,0	5,10	0,8	5,0	KDSB	1700	1480	265	CX	PAE
175,0	150,0	25,4	166,70	172,1	12,70	0,8	5,0	KDSB	1750	1500	254	CX	PSH
180,0	150,0	35,4	172,95	177,9	6,35	0,8	5,0	KDSB	1800	1500	354	CX	RR
180,0	155,0	25,4	171,70	177,1	12,70	0,8	5,0	KDSB	1800	1550	254	CX	PSO
185,0	160,0	25,4	176,70	182,1	12,70	0,8	5,0	KDSB	1850	1600	254	CX	PSQ
190,0	165,0	25,4	181,70	187,0	12,70	0,8	5,0	KDSB	1900	1650	254	CX	PSN
195,0	170,0	25,4	186,70	192,0	12,70	0,8	5,0	KDSB	1950	1700	254	CX	TPD
200,0	175,0	25,4	191,60	197,0	12,70	0,8	6,0	KDSB	2000	1750	254	CX	PSZ
200,0	180,0	31,5	196,00	198,0	9,20	0,8	6,0	KDSB	2000	1800	315	CX	PHP
210,0	185,0	25,4	201,60	207,0	12,70	0,8	6,0	KDSB	2100	1850	254	CX	KDSA
220,0	190,0	35,4	212,70	217,9	6,35	0,8	6,0	KDSB	2200	1900	354	CX	KDSB
220,0	195,0	25,4	211,60	217,0	12,70	0,8	6,0	KDSB	2200	1950	254	CX	KDSP
230,0	205,0	25,4	221,60	227,0	12,70	0,8	6,0	KDSB	2300	2050	254	CX	KDAE
240,0	215,0	25,4	231,60	237,0	12,70	0,8	6,0	KDSB	2400	2150	254	CX	
250,0	220,0	35,4	242,90	247,9	6,35	0,8	6,0	KDSB	2500	2200	354	CX	
250,0	225,0	25,4	241,60	247,0	12,70	0,8	6,0	KDSB	2500	2250	254	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.