

KDSP

TENUTA PISTONE COMPATTA TIPO KDSP

Descrizione

La guarnizione KDSP nasce per tenuta pistone con sedi intercambiabili ISO 6547.
È composta da soli tre elementi: quello centrale in poliuretano (con funzione di tenuta) e due guide laterali in poliacetalica rinforzata vetro.
Questo sistema permette di eliminare i supporti antiestrusione in quanto l'elemento centrale, grazie al suo alto modulo elastico, ha una durezza superiore alla gomma nitrilica NBR.
L'attrito di primo distacco e in esercizio si mantiene basso per la particolare geometria della guarnizione.

Dati tecnici

Pressione:	da 0 a 400
Velocità:	0,8 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 la guarnizione KDSP sono:

- poliuretano di durezza 93 Shore A Codice materiale tipo Co per l'elemento centrale
- poliacetalica caricata vetro (POM) per gli elementi laterali.

Codice materiale: CX

Montaggio

Il montaggio di questa tenuta può essere eseguito sia in cava chiusa su pistone monoblocco sia in cava aperta su pistone in due pezzi. È necessario che il pistone non presenti bave di lavorazione meccanica che danneggerebbero l'elemento di tenuta durante il montaggio.

KDSP TYPE COMPACT PISTON SEAL

Description

The KDSP seal is designed to be a piston seal with interchangeable seats ISO 6547.
It consists of only three elements: a polyurethane seal at the middle and two side wear rings in glass-filled polyacetal resin.
This system doesn't need anti-extrusion supports, Thanks to the high modulus of elasticity and the hardness of the central element, which has higher hardness then Nitrile rubber NBR.
The friction (first operation and in working condition) is low thanks to the particular geometric shape of the seal.

Technical data

Pressure:	*from 0 to 400 Bar*
Speed:	*0.8 m/s*
Temperature:	*from – 30° C to + 100 ° C*
Fluids:	*mineral oils (see table 3, page 14)*

Material

The materials used for the construction of this type of seal are:

- *polyurethane for the central element, hardness 93 Shore A, compound reference Co*
- *glass-filled polyacetal resin (POM) for the side elements.*

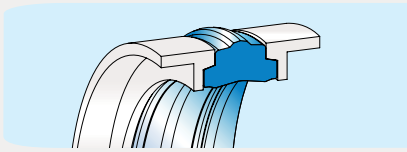
Compound reference: CX

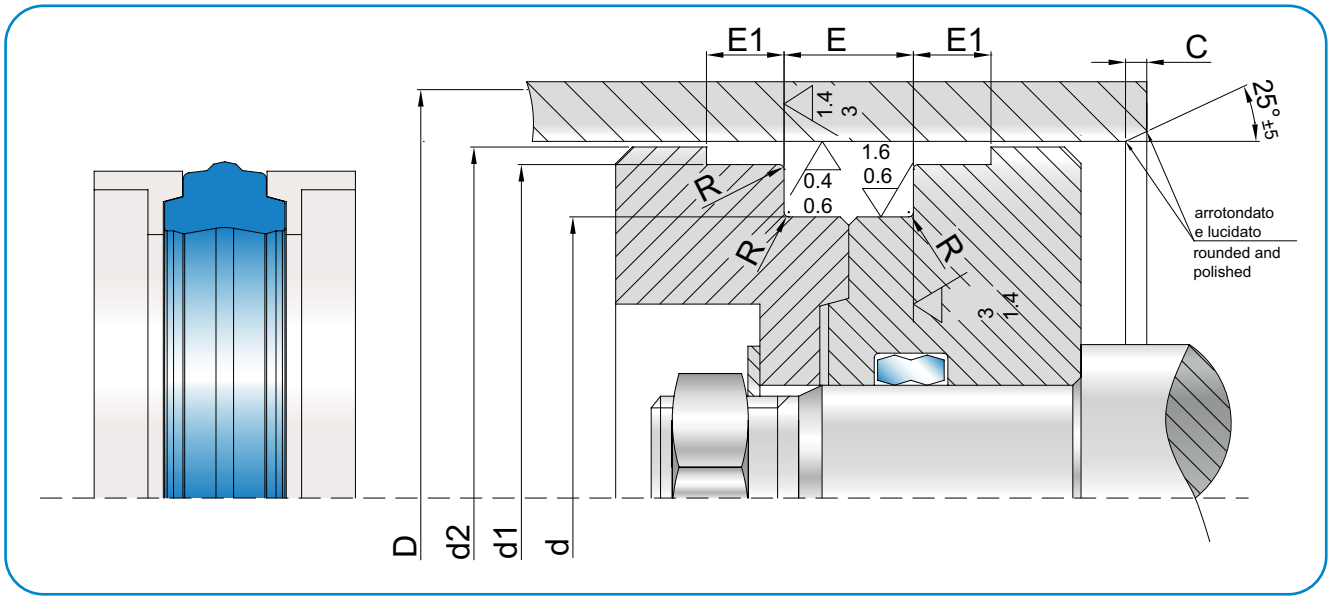
Assembling

This seal can be assembled both in closed groove on a mono-block piston and in open groove on a two-part piston.
Avoid machining scores on the piston which may damage the sealing during the installation.

ARTIC SEALS

KDSP





	D_{H9}	d_{h9}	$E_{+0,2}$	d_{1h9}	$d_{2\pm0,2}$	$E_{1\ 0/+0,1}$	R	C	ART / *ITEM*
*	25,0	15,0	12,5	22,0	24,0	4,0	0,4	5,0	KDSP 0250 0150 125 CX
*	25,0	17,0	10,0	22,0	24,0	4,0	0,4	5,0	KDSP 0250 0170 100 CX
*	32,0	22,0	12,5	29,0	31,0	4,0	0,4	5,0	KDSP 0320 0220 125 CX
*	32,0	24,0	10,0	29,0	31,0	4,0	0,4	5,0	KDSP 0320 0240 100 CX
*	40,0	30,0	12,5	36,0	38,0	4,0	0,4	5,0	KDSP 0400 0300 125 CX
*	40,0	32,0	10,0	37,0	39,0	4,0	0,4	5,0	KDSP 0400 0320 100 CX
*	50,0	35,0	20,0	46,0	48,5	5,0	0,4	5,0	KDSP 0500 0350 200 CX
*	50,0	40,0	12,5	47,0	49,0	4,0	0,4	5,0	KDSP 0500 0400 125 CX
*	55,0	45,0	12,5	52,0	54,0	4,0	0,4	5,0	KDSP 0550 0450 125 CX
*	63,0	48,0	20,0	59,0	62,0	5,0	0,4	5,0	KDSP 0630 0480 200 CX
*	63,0	53,0	12,5	60,0	62,0	4,0	0,4	5,0	KDSP 0630 0530 125 CX
*	70,0	55,0	20,0	66,0	68,5	5,0	0,4	5,0	KDSP 0700 0550 200 CX
	70,0	60,0	12,5	67,0	69,0	4,0	0,4	5,0	KDSP 0700 0600 125 CX
*	80,0	65,0	20,0	76,0	78,5	5,0	0,4	5,0	KDSP 0800 0650 200 CX
	80,0	70,0	12,5	77,0	79,0	4,0	0,4	5,0	KDSP 0800 0700 125 CX
*	90,0	75,0	20,0	86,0	88,5	5,0	0,4	5,0	KDSP 0900 0750 200 CX
	90,0	80,0	12,5	86,0	88,5	5,0	0,4	5,0	KDSP 0900 0800 125 CX
*	100,0	85,0	20,0	96,0	98,5	5,0	0,4	5,0	KDSP 1000 0850 200 CX
	100,0	90,0	12,5	96,0	98,5	5,0	0,4	5,0	KDSP 1000 0900 125 CX

* ISO 6547

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.