

RPO

TENUTA STELO TIPO RPO

Descrizione

La tenuta stelo tipo RPO è caratterizzata dalla presenza di un o-ring, alloggiato nella gola interna tra il labbro dinamico e quello statico, che ha la funzione di energizzare i labbri per garantire la tenuta anche a basse pressioni. Questo profilo garantisce una tenuta perfetta anche in presenza di carichi laterali. L'o-ring può essere fornito in diverse mescole, in base alle temperature di utilizzo.

Dati tecnici

Pressione: < 400 bar a temperatura di 60° C
Velocità: < 0.5 m/s
Temperatura: da - 35° C a + 100° C con punte fino a 110° C
Fluidi: fluidi e oli minerali
(v. tabella 3 a p. 14)

Materiale

Il materiale proposto è il poliuretano tipo CO ad alto modulo elastico, basso compression-set, alta resistenza all'abrasione.

Ha una durezza di 93 Shore A $\pm$ 2.

O-Ring standard è proposto in materiale NBR 75 Shore A, in alternativa può essere fornito anche in materiali quali FKM o HNBR

Codice materiale: CN

Montaggio

Il montaggio avviene in cava anulare. Eliminare le bave e gli spigoli taglienti nella sede e sullo stelo per evitare che si danneggino le guarnizioni durante il montaggio. È consigliabile lubrificare la tenuta durante il montaggio per agevolare l'inserimento dello stelo. Per ulteriori informazioni leggere le istruzioni a p. 61.

RPO TYPE ROD SEAL

Description

The rod seal type RPO is characterized by the presence of an O-ring fit in the internal groove between the dynamic lip and the static one, which has the function to energize the sealing lips to ensure the seal even at low pressures. This profile ensures a perfect seal even in the presence of lateral loads. The O-ring can be provided in different compounds, depending on the temperature of use.

Technical data

Pressure: < 400 bar at a temperature of 60° C
Speed: < 0.5 m/s
Temperature: from - 35° C to + 100° C with peaks till 110° C
Fluids: mineral fluids and oils
(see table 3, page 14)

Material

The proposed material is a "CO" type polyurethane, with high elasticity modulus, low compression-set and high abrasion resistance.

The hardness is 93 Shore A $\pm$ 2.

Standard O-Ring proposed is in NBR 75 Shore A material, or could be equipped in alternative material like FKM or HNBR

Compound reference: CN

Assembling

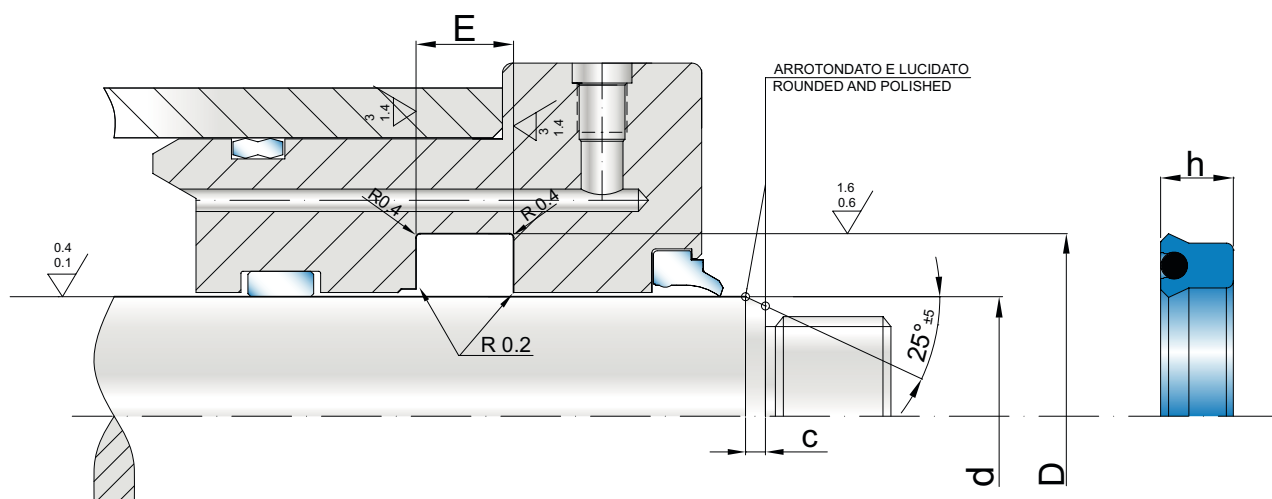
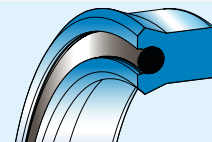
To prevent any damage to the seal, remove any flash and cutting edges in the housing and on the rod.

The seal should always be lubricated before assembling in order to have easier insertion of the rod.

For further information please refer to the installation instructions on page 61.



RPO



RSA

RLF

RSB

RSB₂

RSC

RSD

RPO

RAA

TSS/P

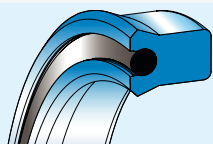
TSS

RSO

RBR

RPS

d _{H9}	D _{H10}	h	E _{+0,2}	C	ART / ITEM
20,0	29,0	5,0	5,5	3,5	RPO 0200 0290 050 CN
20,0	30,0	8,0	9,0	3,5	RPO 0200 0300 080 CN
20,0	30,0	10,0	11,0	3,5	RPO 0200 0300 100 CN
22,0	32,0	8,0	9,0	3,5	RPO 0220 0320 080 CN
22,0	32,0	10,0	11,0	3,5	RPO 0220 0320 100 CN
25,0	35,0	8,0	9,0	4,5	RPO 0250 0350 080 CN
25,0	35,0	10,0	11,0	4,0	RPO 0250 0350 100 CN
28,0	38,0	8,0	9,0	4,5	RPO 0280 0380 080 CN
28,0	38,0	10,0	11,0	4,5	RPO 0280 0380 100 CN
28,0	43,0	11,5	12,0	3,5	RPO 0280 0430 115 CN
30,0	40,0	7,0	8,0	4,5	RPO 0300 0400 070 CN
30,0	40,0	10,0	11,0	3,0	RPO 0300 0400 100 CN
32,0	40,0	8,0	9,0	4,0	RPO 0320 0400 080 CN
32,0	42,0	10,0	11,0	4,5	RPO 0320 0420 100 CN
35,0	45,0	7,0	8,0	4,5	RPO 0350 0450 070 CN
35,0	45,0	8,0	9,0	3,5	RPO 0350 0450 080 CN
35,0	45,0	10,0	11,0	4,5	RPO 0350 0450 100 CN
40,0	50,0	7,0	8,0	5,0	RPO 0400 0500 070 CN
40,0	50,0	8,0	9,0	3,5	RPO 0400 0500 080 CN
40,0	50,0	10,0	11,0	3,5	RPO 0400 0500 100 CN
42,0	50,0	6,0	7,0	4,0	RPO 0420 0500 060 CN
42,0	50,0	8,0	9,0	4,5	RPO 0420 0500 080 CN
45,0	55,0	6,0	7,0	4,5	RPO 0450 0550 060 CN
45,0	55,0	6,5	7,5	3,5	RPO 0450 0550 065 CN



RPO

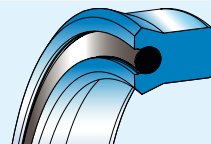
d _{H9}	D _{H10}	h	E _{+0,2}	C	ART / ITEM			
45,0	55,0	10,0	11,0	4,5	RPO 0450	0550	100	CN
45,0	60,0	10,0	11,0	4,5	RPO 0450	0600	100	CN
45,0	65,0	11,5	12,5	4,5	RPO 0450	0650	115	CN
50,0	60,0	7,2	8,0	5,0	RPO 0500	0600	072	CN
50,0	60,0	10,0	11,0	5,0	RPO 0500	0600	100	CN
50,0	60,0	11,0	12,0	4,5	RPO 0500	0600	110	CN
50,0	65,0	10,0	11,0	5,0	RPO 0500	0650	100	CN
50,0	65,0	11,5	12,5	5,0	RPO 0500	0650	115	CN
55,0	65,0	10,0	11,0	4,5	RPO 0550	0650	100	CN
55,0	65,0	12,0	13,0	4,5	RPO 0550	0650	120	CN
56,0	71,0	11,5	12,5	4,5	RPO 0560	0710	115	CN
60,0	70,0	8,0	9,0	5,0	RPO 0600	0700	080	CN
60,0	70,0	10,0	11,0	5,0	RPO 0600	0700	100	CN
60,0	70,0	12,0	13,0	4,5	RPO 0600	0700	120	CN
60,0	75,0	11,5	12,5	4,5	RPO 0600	0750	115	CN
63,0	73,0	6,0	7,0	5,0	RPO 0630	0730	060	CN
63,0	75,0	10,0	11,0	5,0	RPO 0630	0750	100	CN
65,0	75,0	10,0	11,0	7,0	RPO 0650	0750	100	CN
65,0	75,0	12,0	13,0	4,5	RPO 0650	0750	120	CN
70,0	80,0	8,0	9,0	4,5	RPO 0700	0800	080	CN
70,0	80,0	10,0	11,0	4,5	RPO 0700	0800	100	CN
70,0	80,0	12,0	13,0	5,0	RPO 0700	0800	120	CN
70,0	85,0	11,5	12,5	4,5	RPO 0700	0850	115	CN
75,0	85,0	7,0	8,0	4,5	RPO 0750	0850	070	CN
75,0	85,0	12,0	13,0	4,5	RPO 0750	0850	120	CN
75,0	90,0	11,5	12,5	5,0	RPO 0750	0900	115	CN
80,0	90,0	7,2	8,0	5,0	RPO 0800	0900	072	CN
80,0	90,0	8,0	9,0	5,0	RPO 0800	0900	080	CN
80,0	90,0	10,0	11,0	5,0	RPO 0800	0900	100	CN
80,0	90,0	12,0	13,0	5,0	RPO 0800	0900	120	CN
85,0	95,0	12,0	13,0	5,0	RPO 0850	0950	120	CN
85,0	100,0	9,0	10,0	5,5	RPO 0850	1000	090	CN
85,0	100,0	12,0	13,0	5,5	RPO 0850	1000	120	CN
90,0	100,0	8,0	9,0	5,0	RPO 0900	1000	080	CN
90,0	100,0	12,0	13,0	5,0	RPO 0900	1000	120	CN
90,0	105,0	11,5	12,5	5,0	RPO 0900	1050	115	CN
100,0	115,0	12,0	13,0	5,0	RPO 1000	1150	120	CN
105,0	120,0	15,0	16,0	5,5	RPO 1050	1200	150	CN
110,0	125,0	12,0	13,0	5,5	RPO 1100	1250	120	CN
110,0	125,0	15,0	16,0	5,5	RPO 1100	1250	150	CN
125,0	140,0	11,0	12,0	5,5	RPO 1250	1400	110	CN
125,0	140,0	15,0	16,0	5,5	RPO 1250	1400	150	CN

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.

[Index](#)[Rod Seals](#)[Piston Seals](#)[Wipers](#)[Wear Rings](#)[Static Seals](#)[Materials](#)**ARTIC SEALS**

RPO



RSA
RLF
RSB
RSB₂
RSC
RSD
RPO
RAA
TSS/P
TSS
RSO
RBR
RPS

Oleodinamica
Hydraulic