

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 ± 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. 63.

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

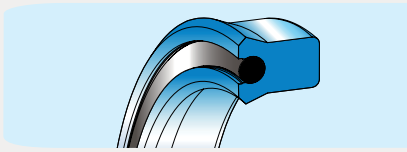
The proposed material is a "Co" type polyurethane, with high elasticity modulus, low compression-set and high abrasion resistance.
The hardness is 93 Shore A ± 2.
Standard O-Ring proposed is in NBR 75 Shore A material, or could be equipped in alternative material like FKM or HNBR
Compound reference: CN

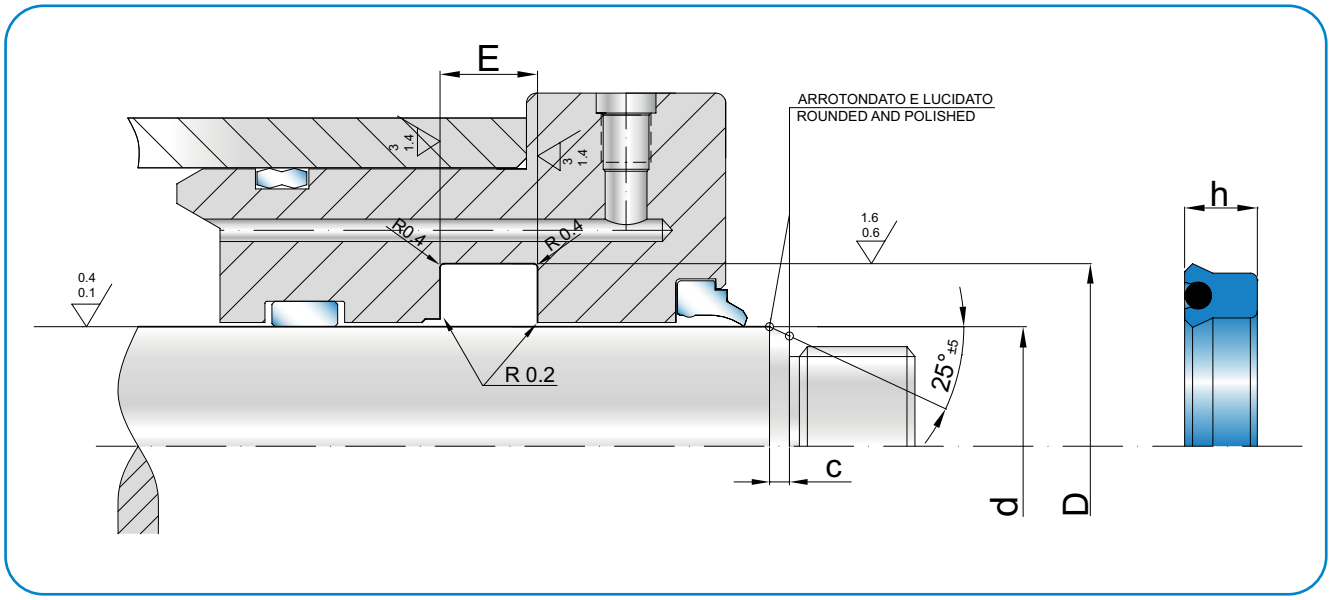
Assembling

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 63.

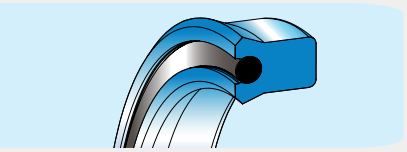
ARTIC SEALS

RPO





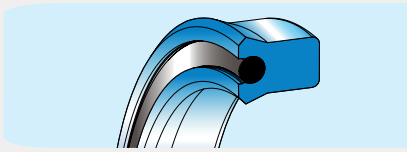
d_{h9}	D_{H10}	h	$E_{+0,2}$	C	ART / *ITEM*				
9,0	16,0	5,5	6,0	3,5	RPO	0090	0160	055	CN
12,0	20,0	5,0	5,5	3,5	RPO	0120	0200	050	CN
16,0	24,0	5,0	5,5	3,5	RPO	0160	0240	050	CN
20,0	29,0	5,0	5,5	3,5	RPO	0200	0290	050	CN
20,0	30,0	8,0	9,0	3,5	RPO	0200	0300	080	CN
20,0	30,0	10,0	11,0	3,5	RPO	0200	0300	100	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	33,0	6,0	7,0	4,5	RPO	0250	0330	060	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
26,0	36,0	7,0	8,0	4,5	RPO	0260	0360	070	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
36,0	46,0	7,2	8,0	4,5	RPO	0360	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



RPO

d_{h9}	D_{H10}	h	$E_{+0,2}$	C	ART / *ITEM*				
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
45,0	55,0	8,0	9,0	4,5	RPO	0450	0550	080	CN
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	73,0	12,0	13,0	5,0	RPO	0630	0730	120	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
70,0	85,0	12,5	13,5	4,5	RPO	0700	0850	125	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
80,0	95,0	11,0	12,0	5,0	RPO	0800	0950	110	CN
80,0	95,0	11,0	12,0	5,0	RPO	0800	0950	110	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

RPO



d_{h9}	D_{H10}	h	$E_{+0,2}$	C	ART / *ITEM*				
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	9,0	10,0	5,5	RPO	1100	1250	090	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
115,0	126,0	15,0	16,0	5,5	RPO	1150	1260	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.