

VSS

TENUTE PER VALVOLE A CARTUCCIA TIPO VSS

Descrizione

Realizzata in TPU ad alte prestazioni, la tenuta per valvole a cartuccia VVS è utilizzata per applicazioni semi-statiche e semi-dinamiche e consente di ottenere, rispetto ai tradizionali sistemi multicomponente in NBR, vantaggi come:

- migliore resistenza a estrusione e abrasione grazie alle proprietà meccaniche del materiale
- maggior durata della guarnizione nel tempo
- assemblaggio semplificato per effetto del profilo simmetrico
- perfetta intercambiabilità con sedi standard o-ring + anello antiestrusione
- gestione semplificata delle scorte grazie all'utilizzo di un unico componente.

Dati tecnici

Pressione pulsante: 450 [bar] con punte fino a 600 [bar]
Temperatura: da - 35° C a + 100° C, con punte fino a + 110° C
Fluidi: olio e grassi minerali (v. tabella 3 a p. 14)

Montaggio

Il montaggio avviene in modo elastico in sede anulare. È importante eliminare gli spigoli vivi e le bave di lavorazione.

CARTRIDGE VALVES SEAL TYPE VSS

Description

Hydraulic seal for cartridge valves, made in high performance TPU, dedicated to semi-static and semi-dynamic applications.
This one-component seal allows to obtain considerable advantages over conventional multi-component systems in NBR:

- *improved extrusion and abrasion resistance thanks to TPU's mechanical properties*
- *extended seal's life*
- *easier installation due to symmetrical profile*
- *perfect interchangeability with standard O-Ring + antiextrusion ring's groove*
- *cheaper stock handling due to unique component.*

Technical data

Impulse pressure: 450 [bar] with peaks until 600 [bar]
Temperature: from - 35° C to + 100° C with peaks till + 110° C
Fluids: mineral oil and grease (see table 3, page 14)

Assembling

The installation is in anular groove and in elastic method. It is important to remove flashes or cutting edges to avoid damages.

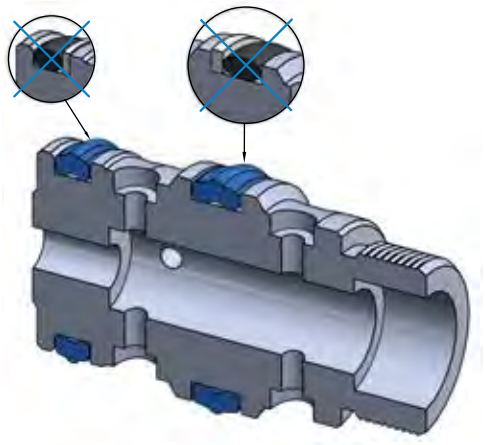
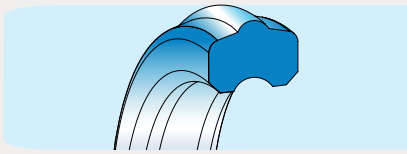
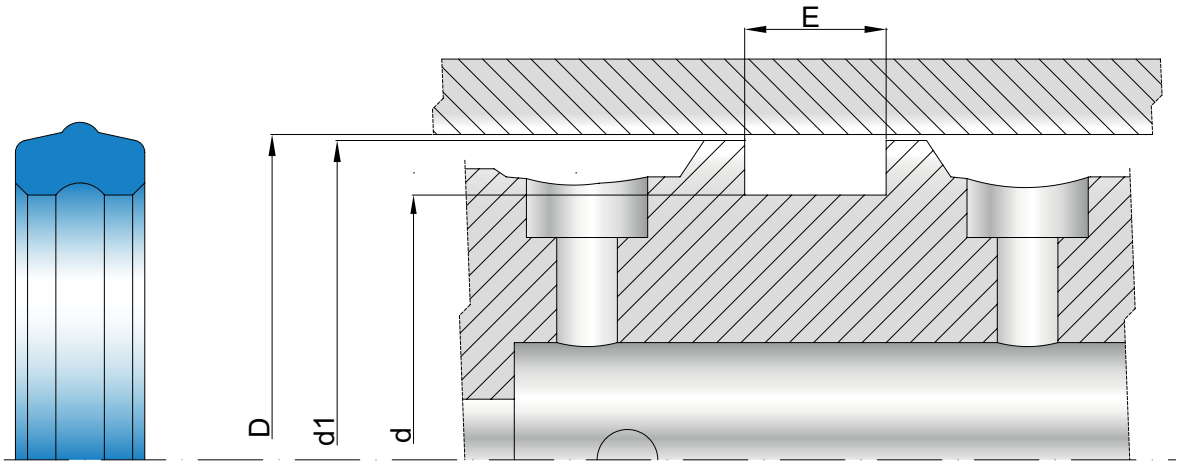


Fig.41: Soluzione ARTIC SEALS: unica tenuta in materiale TPU poliestere ad alto modulo elastico, ottimo compression-set e alta resistenza all'abrasione, consente di sostituire i più comuni O-Ring + anello antiestrusione.

Pic.41: ARTIC SEALS solution: unique suels in polyester TPU with high elastic modulus, with an excellent compression set and high abrasion resistance, instead of the more common solution with O-ring + anti-extrusion ring.

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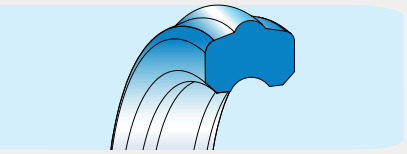


Inch Sizes

O-Ring Size	D_{H8}		d_{h9}		$d1_{h9}$		$E_{+0,2}$		ART / *ITEM*				
	inch	mm	inch	mm	inch	mm	inch	mm					
010	0,374	9,50	0,264	6,71	0,372	9,45	0,138	3,51	VSS	0095	0067	035	Co
011	0,436	11,07	0,326	8,28	0,434	11,02	0,138	3,51	VSS	0110	0083	035	Co
012	0,499	12,67	0,389	9,88	0,497	12,62	0,138	3,51	VSS	0127	0099	035	Co
013	0,561	14,25	0,451	11,46	0,559	14,20	0,138	3,51	VSS	0142	0115	035	Co
014	0,624	15,85	0,514	13,06	0,622	15,80	0,138	3,51	VSS	0158	0131	035	Co
015	0,686	17,42	0,576	14,63	0,684	17,37	0,138	3,51	VSS	0174	0146	035	Co
016	0,749	19,02	0,639	16,23	0,747	18,97	0,138	3,51	VSS	0190	0162	035	Co
017	0,811	20,60	0,701	17,81	0,809	20,55	0,138	3,51	VSS	0206	0178	035	Co
018	0,874	22,20	0,764	19,41	0,872	22,15	0,138	3,51	VSS	0222	0194	035	Co
019	0,936	23,77	0,826	20,98	0,934	23,72	0,138	3,51	VSS	0237	0210	035	Co
020	0,999	25,37	0,889	22,58	0,997	25,32	0,138	3,51	VSS	0254	0226	035	Co

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.



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Metric Sizes

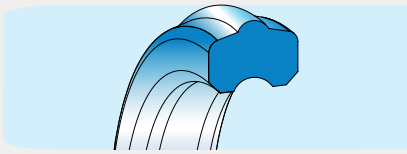
D_{H8} mm	d_{h9} mm	$d1_{h9}$ mm	$E_{+0,2}$ mm	ART / *ITEM*				
8,20	5,30	8,15	3,50	VSS	0082	0053	035	Co
9,50	7,90	9,45	2,60	VSS	0095	0079	026	Co
10,20	8,60	10,15	2,60	VSS	0102	0086	026	Co
11,20	9,60	11,15	2,60	VSS	0112	0096	026	Co
11,80	10,30	11,75	2,60	VSS	0118	0103	026	Co
12,00	7,30	11,95	3,00	VSS	0120	0073	030	Co
12,00	8,60	11,95	2,40	VSS	0120	0086	024	Co
12,00	9,20	11,95	3,50	VSS	0120	0092	035	Co
12,50	10,90	12,45	2,80	VSS	0125	0109	028	Co
12,70	10,40	12,65	3,50	VSS	0127	0104	035	Co
13,00	10,10	12,95	3,50	VSS	0130	0101	035	Co
14,00	11,10	13,95	3,50	VSS	0140	0111	035	Co
14,25	11,46	14,20	2,50	VSS	0142	0115	025	Co
15,00	12,10	14,95	3,50	VSS	0150	0121	035	Co
15,85	13,06	15,80	2,50	VSS	0158	0131	025	Co
16,70	13,80	16,65	2,50	VSS	0167	0138	025	Co
17,40	14,60	17,35	2,50	VSS	0174	0146	025	Co
18,30	15,40	18,25	2,50	VSS	0183	0154	025	Co

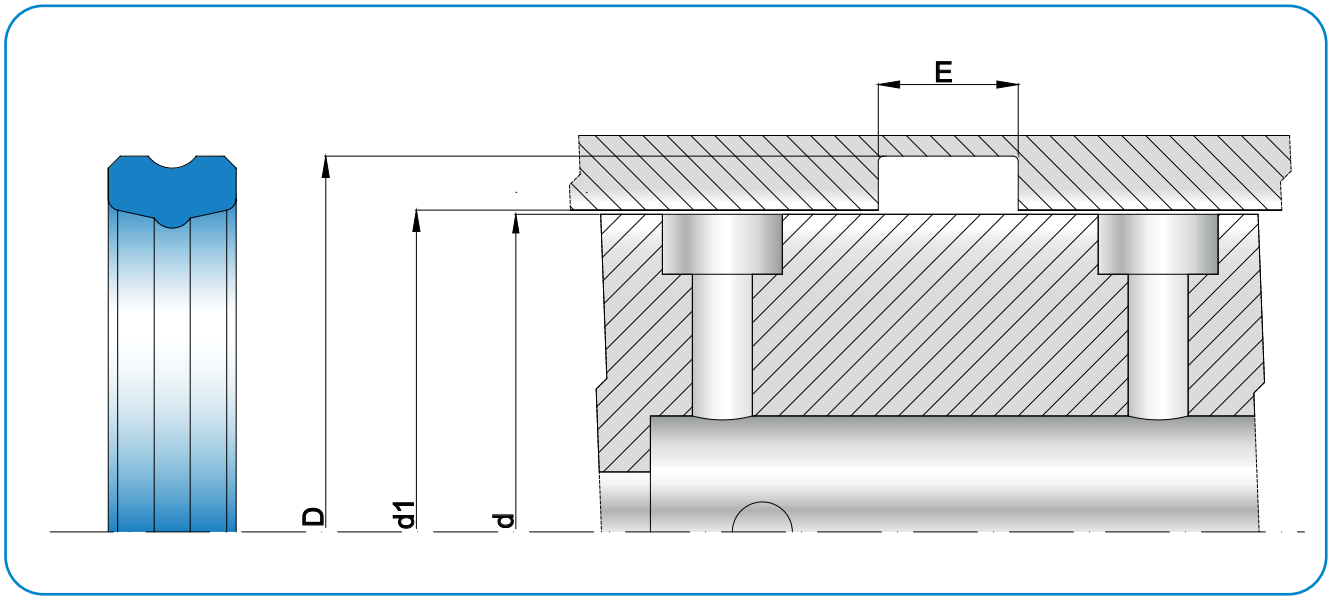
D_{H8} mm	d_{h9} mm	$d1_{h9}$ mm	$E_{+0,2}$ mm	ART / *ITEM*				
18,60	15,70	18,55	3,30	VSS	0186	0157	033	Co
19,00	16,20	18,95	2,50	VSS	0190	0162	025	Co
19,80	16,90	19,75	2,50	VSS	0198	0169	025	Co
20,00	17,20	19,95	3,50	VSS	0200	0172	035	Co
22,00	19,40	21,95	4,50	VSS	0220	0194	045	Co
22,30	17,50	22,25	3,20	VSS	0223	0175	032	Co
23,50	20,60	23,45	3,50	VSS	0235	0206	035	Co
24,00	21,40	23,95	4,50	VSS	0240	0214	045	Co
27,20	24,40	27,15	3,50	VSS	0272	0244	035	Co
28,50	25,80	28,45	3,50	VSS	0285	0258	035	Co
30,00	27,10	29,95	3,50	VSS	0300	0271	035	Co
32,00	29,20	31,95	3,50	VSS	0320	0292	035	Co
33,40	30,50	33,35	3,50	VSS	0334	0305	035	Co
34,00	31,20	33,95	3,50	VSS	0340	0312	035	Co
36,00	33,20	35,95	3,50	VSS	0360	0332	035	Co
36,50	32,30	36,45	3,50	VSS	0365	0320	035	Co
38,00	35,20	37,95	3,50	VSS	0380	0352	035	Co
50,80	47,80	50,75	3,50	VSS	0508	0478	035	Co

Nota: altre dimensioni non a catalogo a richiesta. Consultare il nostro ufficio tecnico.

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d_{h9} mm	D_{H8} mm	$D1_{H8}$ mm	$E_{+0,2}$ mm	ART / *ITEM*				
7,10	10,10	7,15	2,50	VSS	0071	0100	025	Co
8,00	10,80	8,05	3,50	VSS	0080	0108	035	Co
9,60	11,20	9,65	2,30	VSS	0096	0112	023	Co
10,30	12,00	10,35	1,80	VSS	0103	0120	018	Co
17,50	22,30	17,55	3,70	VSS	0175	0223	037	Co
18,00	20,60	18,05	3,50	VSS	0180	0206	035	Co
19,00	23,80	19,05	3,70	VSS	0190	0238	037	Co
28,00	30,60	28,05	3,50	VSS	0280	0306	035	Co
28,50	31,50	28,55	2,50	VSS	0285	0315	025	Co
28,80	31,30	28,85	3,50	VSS	0288	0313	035	Co
32,40	38,00	32,45	5,20	VSS	0324	0380	052	Co
35,50	38,00	35,55	5,20	VSS	0355	0380	052	Co

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