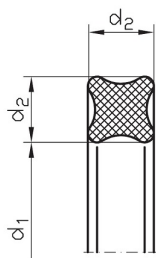


X-Ring XR (NBR 70)

Applicazioni Statiche



Descrizione

Gli X-Ring sono elementi di tenuta a doppio effetto, hanno quattro lati di tenuta, con una sezione squadrata. L'X-Ring ottiene la sua azione di tenuta mediante il montaggio e la sua compressione in una sede assiale o radiale. Durante il funzionamento, l'effetto di tenuta aumenta all'aumentare

Materiale: NBR, NB 70

Colore: NBR 70 nero

Caratteristiche: avendo una sezione quadrata, durante le sollecitazioni dinamiche non sono soggetti all'arrotondamento nella sede. Gli X-Ring hanno una minor usura rispetto agli O-Ring poichè richiedono una precompressione radiale minore che si traduce in una minor pressione di contatto. Tra i labbri di tenuta si può generare un serbatoio di lubrificante. E' presente un'ottimizzazione dell'effetto di tenuta grazie ad una migliore distribuzione della pressione dovuta alla sezione quadrata. Gli X-Ring eliminano eventuali effetti negativi dovuti alla linea di chiusura dello stampo, dato che questa si trova nella gola tra due labbri.

Utilizzo: sono usati prevalentemente per applicazioni dinamiche perchè richiedono una precompressione minore rispetto agli O-Ring. Gli X-Ring sono usati come tenuta radiale e assiale in flangie, boccole e coperchi (applicazione statica) o come tenuta su pistoni e steli, alberi rotanti e movimenti elicoidali (applicazione dinamica). Un'altra applicazione sono le moderne catene a rulli, come per esempio le catene delle moto. Possibilmente le sedi di alloggiamento per X-Ring devono essere ad angolo retto, così facendo si possono evitare creste, graffi e incisioni.

Temperatura (°C): -30 °C ÷ +100 °C

Velocità (m/s):

movimento alternativo · 0.5

movimento rotante · 2

Pressione (MPa):

Tenuta dinamica, movimento alternativo, fino a 5 MPa. Fino a 20 MPa con anello antiestrusione.

Tenuta statica fino a 5 MPa. Fino a 40 MPa con anello antiestrusione.

Resistenza a fluidi: buona resistenza chimica agli oli e grassi minerali, fluidi idraulici H, HL, HLP, fluidi idraulici non infiammabili. HFA, HFB, HFC fino a 50°C e acqua fino a max 80°C.

Cod.	Tipo	Materiale	Shore	d1 (mm)	d2 (mm)
1231201	XR	NBR	70	1,78	1,78
1231202	XR	NBR	70	2,57	1,78
1231203	XR	NBR	70	2,9	1,78
1231204	XR	NBR	70	3,68	1,78
1231205	XR	NBR	70	4,48	1,78
1231206	XR	NBR	70	5,28	1,78
1231207	XR	NBR	70	6,07	1,78
1231208	XR	NBR	70	7,66	1,78
1231209	XR	NBR	70	8,2	1,78
1231210	XR	NBR	70	9,25	1,78
1231211	XR	NBR	70	10,82	1,78
1231212	XR	NBR	70	12,42	1,78
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1231214	XR	NBR	70	15,6	1,78
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1231216	XR	NBR	70	18,77	1,78
1231217	XR	NBR	70	20,35	1,78
1231218	XR	NBR	70	21,95	1,78
1231219	XR	NBR	70	23,52	1,78

1231220	XR	NBR	70	25,12	1,78
1231221	XR	NBR	70	26,7	1,78
1231222	XR	NBR	70	28,3	1,78
1231223	XR	NBR	70	29,87	1,78
1231224	XR	NBR	70	31,47	1,78
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1231226	XR	NBR	70	34,65	1,78
1231227	XR	NBR	70	37,82	1,78
1231228	XR	NBR	70	41	1,78
1231229	XR	NBR	70	44,17	1,78
1231230	XR	NBR	70	47,35	1,78
1231231	XR	NBR	70	50,52	1,78
1231232	XR	NBR	70	53,67	1,78
1231233	XR	NBR	70	56,87	1,78
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1231236	XR	NBR	70	66,4	1,78
1231237	XR	NBR	70	69,57	1,78
1231238	XR	NBR	70	72,75	1,78
1231239	XR	NBR	70	75,92	1,78
1231240	XR	NBR	70	82,27	1,78
1231241	XR	NBR	70	88,62	1,78
1231242	XR	NBR	70	94,97	1,78
1231243	XR	NBR	70	107,67	1,78
1231244	XR	NBR	70	114,02	1,78
1231245	XR	NBR	70	126,72	1,78
1231246	XR	NBR	70	133,07	1,78
1231247	XR	NBR	70	2,84	2,62
1231248	XR	NBR	70	4,42	2,62
1231249	XR	NBR	70	5,23	2,62
1231250	XR	NBR	70	6,02	2,62
1231251	XR	NBR	70	7,6	2,62
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1231253	XR	NBR	70	10,78	2,62
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1231257	XR	NBR	70	17,12	2,62
1231258	XR	NBR	70	18,72	2,62
1231259	XR	NBR	70	20,29	2,62
1231260	XR	NBR	70	21,89	2,62
1231261	XR	NBR	70	23,47	2,62
1231262	XR	NBR	70	25,07	2,62
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1231272	XR	NBR	70	40,95	2,62
1231273	XR	NBR	70	42,52	2,62

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1231275	XR	NBR	70	45,69	2,62
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12312106	XR	NBR	70	164,77	2,62
12312107	XR	NBR	70	171,12	2,62
12312108	XR	NBR	70	177,47	2,62
12312109	XR	NBR	70	183,82	2,62
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12312122	XR	NBR	70	17,04	3,53
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12312125	XR	NBR	70	21,82	3,53
12312126	XR	NBR	70	23,4	3,53
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12312179	XR	NBR	70	202,79	3,53
12312180	XR	NBR	70	209,14	3,53
12312181	XR	NBR	70	215,49	3,53

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12312185	XR	NBR	70	240,89	3,53
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