



ERIKS X-ring NBR 70 Compound 36624



You use the black NBR X-ring from ERIKS as a seal for hydraulic oils and lubricating oils in linear or rotational systems. The characteristics of this X-ring make it the ideal replacement for an O-ring seal in slow, dynamic applications. This product offers standardised quality and is widely used in the hydraulics sector and general industry. For applications with temperatures above +120°C, the X-ring Compound 51414 is a better choice.

Characteristics

Material: NBR

Colour: Black

Hardness: 70

Compound: 36624

Temperature range: -30 / 120 °C

Application

• Temperature resistance

This X-ring has an operating temperature range of -30°C to +120°C.

Maximum pressure

Compound 36624 has a Shore A hardness of 70. As a result, this O-ring is suitable for applications with a pressure of up to 80 bars. Refer to the chart below for information on the relationship between hardness, pressure, the groove dimensions and the seal clearance gap. You should always adhere to these guidelines.

At higher pressures (above 50 bars), we recommend using back-up rings in addition to an X-ring.

Chemical resistance

Nitrile rubber is suitable for most applications that involve oils and greases. It is not resistant to ozone or UV radiation. Furthermore, it does not tolerate some organic oils or greases well, and should not be used for high-temperature applications. In such cases, an FFKM, FKM or HNBR O-ring is a better choice (depending on the application).

Recommended in: Chemical

Internal diameter	Cross section	Size according to AS568-BS1806-ISO3601	Article
mm	mm		
1.78	1.78	004	Q4004NBR70-36624
2.57	1.78	005	Q4005NBR70-36624
2.9	1.78	006	Q4006NBR70-36624
3.68	1.78	007	Q4007NBR70-36624
4.47	1.78	008	Q4008NBR70-36624
5.28	1.78	009	Q4009NBR70-36624
6.02	2.62	108	Q4108NBR70-36624
6.07	1.78	010	Q4010NBR70-36624
7.65	1.78	011	Q4011NBR70-36624
9.19	2.62	110	Q4110NBR70-36624
9.25	1.78	012	Q4012NBR70-36624

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Internal diameter	Cross section	Size according to AS568-BS1806-ISO3601	Article
mm	mm		
12.37	2.62	112	Q4112NBR70-36624
12.42	1.78	014	Q4014NBR70-36624
13.94	2.62	113	Q4113NBR70-36624
14	1.78	015	Q4015NBR70-36624
15.24	5.33	312	Q4312NBR70-36624
15.54	2.62	114	Q4114NBR70-36624
15.6	1.78	016	Q4016NBR70-36624
17.12	2.62	115	Q4115NBR70-36624
17.17	1.78	017	Q4017NBR70-36624
18.64	3.53	210	Q4210NBR70-36624
18.72	2.62	116	Q4116NBR70-36624
18.77	1.78	018	Q4018NBR70-36624
20.22	3.53	211	Q4211NBR70-36624
20.35	1.78	019	Q4019NBR70-36624
23.39	3.53	213	Q4213NBR70-36624
23.47	2.62	119	Q4119NBR70-36624
24.99	3.53	214	Q4214NBR70-36624
25.07	2.62	120	Q4120NBR70-36624
25.12	1.78	022	Q4022NBR70-36624
26.64	2.62	121	Q4121NBR70-36624
28.17	3.53	216	Q4216NBR70-36624
28.24	2.62	122	Q4122NBR70-36624
28.3	1.78	024	Q4024NBR70-36624
29.74	3.53	217	Q4217NBR70-36624
29.87	1.78	025	Q4025NBR70-36624
31.34	3.53	218	Q4218NBR70-36624
31.47	1.78	026	Q4026NBR70-36624
32.92	3.53	219	Q4219NBR70-36624
34.29	5.33	324	Q4324NBR70-36624
34.52	3.53	220	Q4220NBR70-36624
34.65	1.78	028	Q4028NBR70-36624
36.09	3.53	221	Q4221NBR70-36624
37.47	5.33	325	Q4325NBR70-36624
37.69	3.53	222	Q4222NBR70-36624
39.34	2.62	129	Q4129NBR70-36624
40.64	5.33	326	Q4326NBR70-36624
40.87	3.53	223	Q4223NBR70-36624
43.82	5.33	327	Q4327NBR70-36624
44.04	3.53	224	Q4224NBR70-36624
45.69	2.62	133	Q4133NBR70-36624
46.99	5.33	328	Q4328NBR70-36624
47.22	3.53	225	Q4225NBR70-36624
47.29	2.62	134	Q4134NBR70-36624
47.35	1.78	032	Q4032NBR70-36624
50.17	5.33	329	Q4329NBR70-36624
50.39	3.53	226	Q4226NBR70-36624
50.52	1.78	033	Q4033NBR70-36624
53.34	5.33	330	Q4330NBR70-36624
53.57	3.53	227	Q4227NBR70-36624
56.52	5.33	331	Q4331NBR70-36624
56.74	3.53	228	Q4228NBR70-36624
56.82	2.62	140	Q4140NBR70-36624

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Internal diameter	Cross section	Size according to AS568-BS1806-ISO3601	Article
mm	mm		
58.42	2.62	141	Q4141NBR70-36624
59.69	5.33	332	Q4332NBR70-36624
59.92	3.53	229	Q4229NBR70-36624
61.6	2.62	143	Q4143NBR70-36624
63.09	3.53	230	Q4230NBR70-36624
63.22	1.78	037	Q4037NBR70-36624
64.77	2.62	145	Q4145NBR70-36624
66.27	3.53	231	Q4231NBR70-36624
67.95	2.62	147	Q4147NBR70-36624
69.22	5.33	335	Q4335NBR70-36624
69.44	3.53	232	Q4232NBR70-36624
72.39	5.33	336	Q4336NBR70-36624
72.69	2.62	150	Q4150NBR70-36624
75.57	5.33	337	Q4337NBR70-36624
75.79	3.53	234	Q4234NBR70-36624
75.87	2.62	151	Q4151NBR70-36624
78.74	5.33	338	Q4338NBR70-36624
82.14	3.53	236	Q4236NBR70-36624
85.09	5.33	340	Q4340NBR70-36624
91.44	5.33	342	Q4342NBR70-36624
94.84	3.53	240	Q4240NBR70-36624
97.79	5.33	344	Q4344NBR70-36624
100.97	5.33	345	Q4345NBR70-36624
104.37	3.53	243	Q4243NBR70-36624
107.32	5.33	347	Q4347NBR70-36624
113.67	6.99	425	Q4425NBR70-36624
116.84	6.99	426	Q4426NBR70-36624
120.02	6.99	427	Q4427NBR70-36624
123.19	6.99	428	Q4428NBR70-36624
129.54	6.99	430	Q4430NBR70-36624
148.59	6.99	436	Q4436NBR70-36624
151.77	6.99	437	Q4437NBR70-36624
158.12	5.33	362	Q4362NBR70-36624
164.47	6.99	439	Q4439NBR70-36624
170.82	6.99	440	Q4440NBR70-36624
177.17	6.99	441	Q4441NBR70-36624
202.57	6.99	445	Q4445NBR70-36624
215.27	5.33	371	Q4371NBR70-36624
227.97	6.99	447	Q4447NBR70-36624
278.77	6.99	451	Q4451NBR70-36624
304.39	3.53	278	Q4278NBR70-36624
329.57	6.99	455	Q4455NBR70-36624
367.67	6.99	458	Q4458NBR70-36624
443.36	6.99	464	Q4464NBR70-36624

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