

孔用格来圈

材 料

O型圈: NBR(丁腈橡胶)/FKM(氟橡胶)

密封环: PTFE(聚四氟乙烯)

应用范围

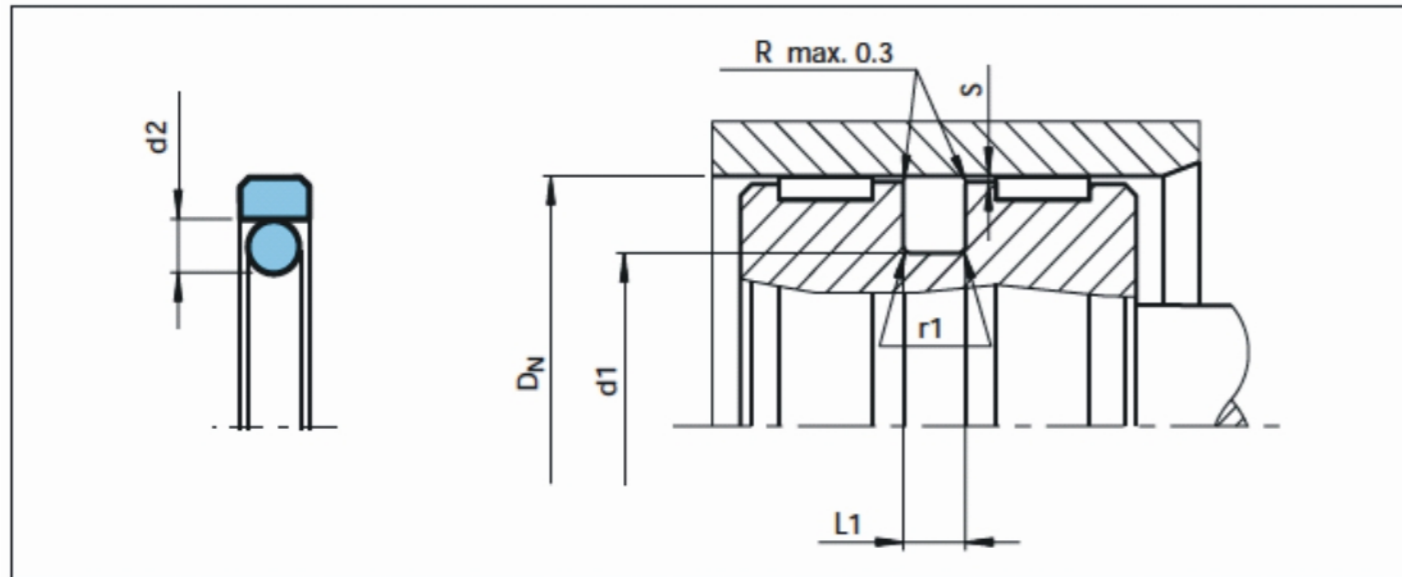
主要应用于: 工程机械、农业机械、注塑设备、液压设备和其它机床等。

安装尺寸

缸孔直径Dn H9			沟槽直径 d ₁ h9	沟槽宽度 L ₁ +0.2	半径 r ₁	径向间隙 S max.*			O型圈 截面 d ₂
标准用途	轻型用途	重型用途				10 Mpa	20 Mpa	40 Mpa	
8-14.9	15-39.9	—	D _N -4.9	2.2	0.4	0.30	0.20	0.15	1.78
15-39.9	40-79.9	—	D _N -7.5	3.2	0.6	0.40	0.25	0.15	2.62
40-79.9	80-132.9	15-39.9	D _N -11.0	4.2	1.0	0.40	0.25	0.20	3.53
80-132.9	133-329.9	40-79.9	D _N -15.5	6.3	1.3	0.50	0.30	0.20	5.33
133-329.9	330-669.9	80-132.9	D _N -21.0	8.1	1.8	0.60	0.35	0.25	7.00
330-669.9	670-999.9	133-329.9	D _N -24.5	8.1	1.8	0.60	0.35	0.25	7.00
670-999.9	—	330-669.9	D _N -28.0	9.5	2.5	0.70	0.50	0.30	8.40
≥1000	≥1000	≥1000	D _N -38.0	13.8	3.0	1.00	0.70	0.30	12.00

* 压力>40 Mpa时建议采用H8/f8(孔/活塞)配合公差

安装尺寸/零件图



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孔用格来圈标准规格表

编号	缸孔直径 D _N H9	沟槽直径 d ₁ h9	沟槽宽度 L ₁ +0.2	编号	缸孔直径 D _N H9	沟槽直径 d ₁ h9	沟槽宽度 L ₁ +0.2	编号	缸孔直径 D _N H9	沟槽直径 d ₁ h9	沟槽宽度 L ₁ +0.2	编号	缸孔直径 D _N H9	沟槽直径 d ₁ h9	沟槽宽度 L ₁ +0.2
1	8.0	3.1	2.2	47	50.8	39.8	4.2	93	110.0	89.0	8.1	139	270.0	249.0	8.1
2	10.0	5.1	2.2	48	52.0	41.0	4.2	94	115.0	99.5	6.3	140	275.0	254.0	8.1
3	12.0	7.1	2.2	49	52.0	36.5	6.3	95	120.0	109.0	4.2	141	280.0	259.0	8.1
4	14.0	9.1	2.2	50	53.0	42.0	4.2	96	120.0	104.5	6.3	142	290.0	269.0	8.1
5	15.0	7.5	3.2	51	55.0	44.0	4.2	97	120.0	99.0	8.1	143	300.0	279.0	8.1
6	16.0	11.1	2.2	52	55.0	39.5	6.3	98	125.0	114.0	4.2	144	300.0	275.5	8.1
7	16.0	8.5	3.2	53	56.0	45.0	4.2	99	125.0	109.5	6.3	145	304.8	283.8	8.1
8	18.0	13.1	2.2	54	56.0	40.5	6.3	100	125.0	104.0	8.1	146	310.0	289.0	8.1
9	18.0	10.5	3.2	55	57.0	46.0	4.2	101	127.0	111.5	6.3	147	320.0	299.0	8.1
10	19.1	11.6	3.2	56	58.0	47.0	4.2	102	130.0	114.5	6.3	148	320.0	295.5	8.1
11	20.0	15.1	2.2	57	60.0	49.0	4.2	103	130.0	109.0	8.1	149	330.0	305.5	8.1
12	20.0	12.5	3.2	58	60.0	44.5	6.3	104	132.0	121.0	4.2	150	340.0	315.5	8.1
13	21.0	13.5	3.2	59	62.0	51.0	4.2	105	135.0	119.5	6.3	151	350.0	325.5	8.1
14	22.0	17.1	2.2	60	63.0	52.0	4.2	106	135.0	114.0	8.1	152	360.0	335.5	8.1
15	22.0	14.5	3.2	61	63.0	47.5	6.3	107	140.0	124.5	6.3	153	370.0	345.5	8.1
16	24.0	19.1	2.2	62	63.0	53.0	4.2	108	140.0	119.0	8.1	154	380.0	355.5	8.1
17	24.0	16.5	3.2	63	64.0	48.5	6.3	109	145.0	129.5	6.3	155	390.0	365.5	8.1
18	25.0	20.1	2.2	64	65.0	54.0	4.2	110	145.0	124.0	8.1	156	400.0	375.5	8.1
19	25.0	17.5	3.2	65	65.0	49.5	6.3	111	150.0	134.5	6.3	157	420.0	395.5	8.1
20	25.0	14.0	4.2	66	68.0	57.0	4.2	112	150.0	129.0	8.1	158	430.0	405.5	8.1
21	25.4	20.5	2.2	67	70.0	59.0	4.2	113	155.0	134.0	8.1	159	440.0	415.5	8.1
22	28.0	20.5	3.2	68	70.0	54.5	6.3	114	160.0	144.5	6.3	160	450.0	425.5	8.1
23	28.0	17.0	4.2	69	75.0	64.0	4.2	115	160.0	139.0	8.1	161	460.0	435.5	8.1
24	30.0	22.5	3.2	70	75.0	59.5	6.3	116	165.0	144.0	8.1	162	480.0	455.5	8.1
25	30.0	19.0	4.2	71	80.0	69.0	4.2	117	170.0	149.0	8.1	163	500.0	475.5	8.1
26	32.0	27.1	2.2	72	80.0	64.5	6.3	118	175.0	154.0	8.1	164	555.0	530.5	8.1
27	32.0	24.5	3.2	73	80.0	59.0	8.1	119	180.0	164.5	6.3	165	600.0	575.5	8.1
28	32.0	21.0	4.2	74	82.5	67.0	6.3	120	180.0	159.0	8.1	166	640.0	615.5	8.1
29	35.0	27.5	3.2	75	85.0	74.0	4.2	121	190.0	169.0	8.1	167	660.0	635.5	8.1
30	35.0	24.0	4.2	76	85.0	69.5	6.3	122	194.0	178.5	6.3	168	700.0	672.0	9.5
31	36.0	28.5	3.2	77	85.0	64.0	8.1	123	200.0	184.5	6.3	169	710.0	682.0	9.5
32	36.0	25.0	4.2	78	90.0	79.0	4.2	124	200.0	179.0	8.1	170	740.0	712.0	9.5
33	38.0	30.5	3.2	79	90.0	74.5	6.3	125	205.0	184.0	8.1	171	780.0	752.0	9.5
34	38.0	27.0	4.2	80	90.0	69.0	8.1	126	210.0	189.0	8.1	172	800.0	772.0	9.5
35	40.0	32.5	3.2	81	95.0	84.0	4.2	127	215.0	194.0	8.1	173	900.0	872.0	9.5
36	40.0	29.0	4.2	82	95.0	79.5	6.3	128	220.0	199.0	8.1	174	1000.0	972.0	9.5
37	42.0	31.0	4.2	83	95.0	74.0	8.1	129	230.0	214.5	6.3	175	1000.0	962.0	13.8
38	44.5	37.0	3.2	84	100.0	89.0	4.2	130	230.0	209.0	8.1	176	1050.0	1022.0	9.5
39	45.0	37.5	3.2	85	100.0	84.5	6.3	131	240.0	219.0	8.1	177	1065.0	1027.0	13.8
40	45.0	34.0	4.2	86	100.0	79.0	8.1	132	250.0	229.0	8.1	178	1070.0	1032.0	13.8
41	48.0	40.5	3.2	87	101.6	86.1	6.3	133	250.0	225.5	8.1	179	1200.0	1172.0	9.5
42	48.0	37.0	4.2	88	105.0	94.0	4.2	134	250.0	134.5	6.3	180	1200.0	1162.0	13.8
43	50.0	42.5	3.2	89	105.0	89.5	6.3	135	254.0	233.0	8.1	181	1225.0	1187.0	13.8
44	50.0	39.0	4.2	90	108.0	92.5	6.3	136	260.0	239.0	8.1	182	1500.0	1462.0	13.8
45	50.0	34.5	6.3	91	110.0	99.0	4.2	137	265.0	244.0	8.1	183	2000.0	1962.0	13.8
46	50.8	43.3	3.2	92	110.0	94.5	6.3	138	268.0	247.0	8.1	184	2700.0	2662.0	13.8