

结构特点 Design features

- 单端面、单弹簧、非平衡型、橡胶波纹管结构；
- 动环靠橡胶波纹管的过盈量、弹簧、和弹簧座传动，浮动性好；
- 多种静环设计和配套，装配尺寸符合ISO3069、DIN24960和GB6556标准；
- Single face, single spring, unbalanced, rubber bellows structure.
- The seal face is driven through the spring, and spring seat, good floating.
- Suitable for many specifications and designs which conform to ISO3069,DIN24960 and GB6556.

材料 Materials(to DIN24960)

- 旋转环 Rotary Ring: B、Q2、U1、U2
- 静止环 Stationary Ring: Q2、U1、U2、V1
- 辅助密封 Auxiliary Seal: P、E、V
- 弹簧及其他结构件材料 Spring and Other Parts: F、G

适用范围 Operating limits

- 压力 Pressure: ≤ 1.6MPa
- 温度 Temperature: -20~140℃
- 线速度 Speeds: ≤ 10m/sec
- 粘度 Viscosity: ≤ 1.0Pa.s(1000cp)软对硬(Soft VS Hard) ≤ 3.5Pa.s(3500cp)硬对硬(Hard VS Hard)

用途 Applications

适用于离心旋转泵、搅拌机、减速机等类似的旋转设备。
Used in centrifugal pumps, mixer and other rotating equipments.

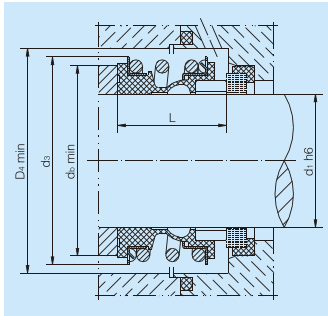
介质 Medium

用于对合成橡胶无害的所有密封流体，也可用于含固体颗粒的废水、污水、其它弱腐蚀性介质。
Liquid waste of grains, sewage water, oil etc.

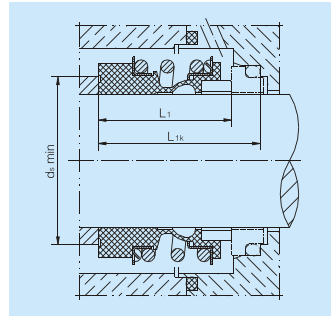


公称轴径 shaft

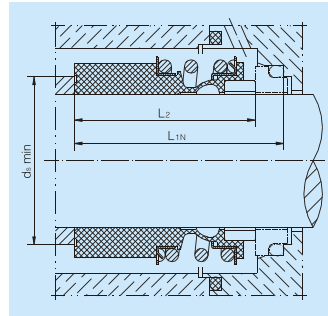
	d1	d3	D4	D6	D7	d8	D11	D12	D14	D16	db	ds	dm	L	L1	L2	L3
10	10	22.5	24	17	21	3	15.5	19.2	11.0	24.60	20.5	18	18	14.5	25.9	33.4	25
12	12	25.0	26	19	23	3	17.5	21.6	13.5	27.80	22.5	20	20	15.0	25.9	33.4	25
14	14	28.5	30	21	25	3	20.5	24.6	17.0	30.95	26.5	22	22	17.0	28.4	33.4	25
15	15	28.5	30	23	27	3	20.5	24.6	17.0	30.95	26.5	22	22	17.0	28.4	33.4	25
16	16	28.5	30	23	27	3	22.0	28.0	17.0	30.95	26.5	22	22	17.0	28.4	33.4	25
18	18	32.0	33	27	33	3	24.0	30.0	20.0	34.15	29	26	29	19.5	30.0	37.5	25
19	19	37.0	38	29	35	3	—	—	20.0	34.15	33	28	33	21.5	30.0	37.5	25
20	20	37.0	38	29	35	3	29.5	35.0	21.5	35.70	33	28	33	21.5	30.0	37.5	25
22	22	37.0	38	31	37	3	29.5	35.0	23.0	37.30	33	28	33	21.5	30.0	37.5	25
24	24	42.5	44	33	39	3	32.0	38.0	26.5	40.50	38	32	38	22.5	32.5	42.5	25
25	25	42.5	44	34	40	3	32.0	38.0	26.5	40.50	38	32	38	23.0	32.5	42.5	25
28	28	49.0	50	37	43	3	36.0	42.0	29.5	47.65	44	37	37	26.5	35.0	42.5	33
30	30	49.0	50	39	45	3	39.2	45.0	32.5	50.80	44	37	37	26.5	35.0	42.5	33
32	32	53.5	55	42	48	3	42.2	48.0	32.5	50.80	46	41	41	27.5	35.0	47.5	33
33	33	53.5	55	42	48	3	44.2	50.0	36.5	54.00	46	41	41	27.5	35.0	47.5	33
35	35	57.0	59	44	50	3	46.2	52.0	36.5	54.00	50	44	44	28.5	35.0	47.5	33
38	38	59.0	61	49	56	4	49.2	55.0	39.5	57.15	53	47	53	30.0	36.0	46.0	33
40	40	62.0	64	51	58	4	52.2	58.0	42.5	60.35	55	49	55	30.0	36.0	46.0	33
42	42	65.5	67	—	—	4	—	—	46.0	63.50	58	53	53	30.0	36.0	51.0	41
43	43	65.5	67	54	61	4	53.3	62.0	46.0	63.50	58	53	53	30.0	36.0	51.0	41
45	45	68.0	70	56	63	4	55.3	64.0	46.0	63.50	60	55	55	30.0	36.0	51.0	41
48	48	70.5	74	59	66	4	59.7	68.4	49.0	66.70	63	58	58	30.5	36.0	51.0	41
50	50	74.0	77	62	70	4	60.8	69.3	52.0	69.85	65	60	60	30.5	38.0	50.5	41
53	53	78.5	81	65	73	4	63.8	72.3	55.5	73.05	70	63	63	33.0	36.5	59.0	41
55	55	81.0	83	67	75	4	66.5	75.4	58.5	76.20	72	65	65	35.0	36.5	59.0	41
58	58	85.5	88	70	78	4	69.5	78.4	61.5	79.40	75	68	68	37.0	41.5	59.0	41
60	60	88.5	91	72	80	4	71.5	80.4	61.5	79.40	79	70	70	38.0	41.5	59.0	41
65	65	93.5	96	77	85	4	76.5	85.4	68.0	92.10	84	77	77	40.0	41.5	69.0	49
68	68	96.5	100	81	90	4	82.7	91.5	71.0	95.25	88	80	80	40.0	41.2	68.7	49
70	70	99.5	103	83	92	4	83.0	92.0	71.0	95.25	90	82	82	40.0	48.7	68.7	49
75	75	107.0	110	88	97	4	90.2	99.0	77.5	101.60	95	87	87	40.0	48.7	68.7	52
80	80	112.0	116	95	105	4	95.2	104.0	84.0	114.30	100	92	92	40.0	48.0	78.0	56
85	85	120.0	124	100	110	4	100.2	109.0	87.0	117.50	107	97	97	41.0	46.0	76.0	56
90	90	127.0	131	105	115	4	105.2	114.0	93.5	123.85	114	104	104	45.0	51.0	76.0	59
95	95	132.0	136	110	120	4	111.6	120.3	96.5	127.00	119	109	109	46.0	51.0	76.0	59
100	100	137.0	140	115	125	4	114.5	123.3	103.0	133.35	124	114	114	47.0	51.0	76.0	62



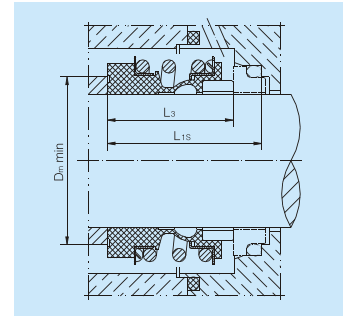
MG1



MG12



MG13

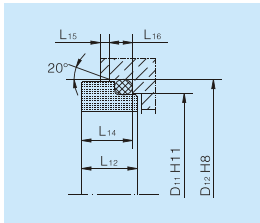


MG1S20

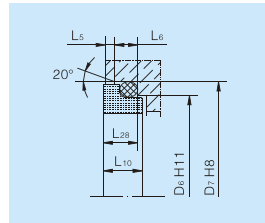
未注尺寸及型号规格等与MG1相同,符合DIN24960标准的K型式设计,常配静环为G6和G60
Dimensions, items and designations same as for MG1,accord with DIN24960 of K type approval, usually seat for G6 and G60

未注尺寸及型号规格等与MG1相同,符合DIN24960标准的N型式设计,常配静环为G6和G60
Dimensions, items and designations same as for MG1,accord with DIN24960 of N type approval, usually seat for G6 and G60

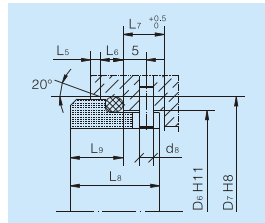
未注尺寸及型号规格等与MG1相同,配静环为G50的非标准型设计,常配静环为G6和G60
Dimensions, items and designations same as for MG1,special fitting length L1S in combination with seat G50



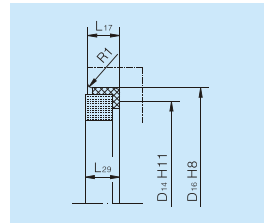
G4



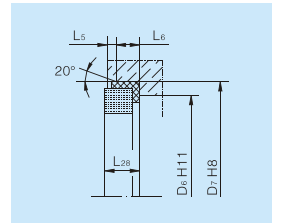
G6 (DIN 24960)



G9(DIN 24960)



G50



G60(DIN 24960)

L1K	L1N	L1S	L5	L6	L7	L8	L9	L10	L12	L14	L15	L16	L17	L28	L29	R
32.5	40	34.0	1.5	4	8.5	17.5	10.0	7.5	7.5	6.6	1.2	3.8	7.5	6.6	9.0	1.2
32.5	40	34.0	1.5	4	8.5	17.5	10.0	7.5	6.5	5.6	1.2	3.8	7.5	6.6	9.0	1.2
35.0	40	35.5	1.5	4	8.5	17.5	10.0	7.5	6.5	5.6	1.2	3.8	9.0	6.6	10.5	1.2
—	—	35.5	—	—	—	17.5	10.0	—	7.5	6.6	1.2	3.8	9.0	6.6	10.5	1.2
35.0	40	35.5	1.5	4	8.5	17.5	10.0	7.5	8.5	7.5	1.5	5.0	9.0	6.6	10.5	1.5
37.5	45	35.5	2.0	5	9.0	19.5	11.5	8.5	9.0	8.0	1.5	5.0	9.0	7.5	10.5	1.5
—	—	35.5	—	—	—	—	—	—	—	7.5	—	—	9.0	7.5	10.5	—
37.5	45	35.5	2.0	5	9.0	19.5	11.5	8.5	8.5	7.5	1.5	5.0	9.0	7.5	10.5	1.5
37.5	45	35.5	2.0	5	9.0	19.5	11.5	8.5	8.5	7.5	1.5	5.0	9.0	7.5	10.5	1.5
40.0	50	35.5	2.0	5	9.0	19.5	11.5	8.5	8.5	7.5	1.5	5.0	9.0	7.5	10.5	1.5
40.0	50	35.5	2.0	5	9.0	19.5	11.5	8.5	8.5	7.5	1.5	5.0	9.0	7.5	10.5	1.5
42.5	50	45.0	2.0	5	9.0	19.5	11.5	8.5	10.0	9.0	1.5	5.0	10.5	7.5	12.0	1.5
42.5	50	45.0	2.0	5	9.0	19.5	11.5	8.5	11.5	10.5	1.5	5.0	10.5	7.5	12.0	1.5
42.5	55	45.0	2.0	5	9.0	19.5	11.5	8.5	11.5	10.5	1.5	5.0	10.5	7.5	12.0	1.5
42.5	55	45.0	2.0	5	9.0	19.5	11.5	8.5	12.0	11.0	1.5	5.0	10.5	7.5	12.0	1.5
42.5	55	45.0	2.0	5	9.0	19.5	11.5	8.5	12.0	11.0	1.5	5.0	10.5	7.5	12.0	1.5
45.0	55	45.0	2.0	6	9.0	22.0	14.0	10.0	11.3	10.3	1.5	5.0	10.5	9.0	12.0	1.5
45.0	55	45.0	2.0	6	9.0	22.0	14.0	10.0	11.8	10.8	1.5	5.0	10.5	9.0	12.0	1.5
—	—	53.0	—	—	—	—	—	—	13.2	12.0	2.0	6.0	10.5	—	12.0	2.5
45.0	60	53.0	2.0	6	9.0	22.0	14.0	10.0	13.2	12.0	2.0	6.0	10.5	9.0	12.0	2.5
45.0	60	53.0	2.0	6	9.0	22.0	14.0	10.0	12.8	11.6	2.0	6.0	10.5	9.0	12.0	2.5
45.0	60	53.0	2.0	6	9.0	22.0	14.0	10.0	12.8	11.6	2.0	6.0	10.5	9.0	12.0	2.5
47.5	60	54.5	2.5	6	9.0	23.0	15.0	10.5	12.8	11.6	2.0	6.0	12.0	9.5	13.5	2.5
47.5	70	54.5	2.5	6	9.0	23.0	15.0	12.0	13.5	12.3	2.0	6.0	12.0	11.0	13.5	2.5
47.5	70	54.5	2.5	6	9.0	23.0	15.0	12.0	14.5	13.3	2.0	6.0	12.0	11.0	13.5	2.5
52.5	70	54.5	2.5	6	9.0	23.0	15.0	12.0	14.5	13.3	2.0	6.0	12.0	11.0	13.5	2.5
52.5	70	54.5	2.5	6	9.0	23.0	15.0	12.0	14.5	13.3	2.0	6.0	12.0	11.0	13.5	2.5
52.5	80	65.0	2.5	6	9.0	23.0	15.0	12.0	14.2	13.0	2.0	6.0	14.5	11.0	16.0	2.5
52.5	80	65.0	2.5	7	9.0	26.0	18.0	12.5	14.9	13.7	2.0	6.0	14.5	11.3	16.0	2.5
60.0	80	65.0	2.5	7	9.0	26.0	18.0	12.5	14.2	13.0	2.0	6.0	14.5	11.3	16.0	2.5
60.0	80	68.0	2.5	7	9.0	26.0	18.0	12.5	15.2	14.0	2.0	6.0	14.5	11.3	16.0	2.5
60.0	90	76.0	3.0	7	9.0	26.2	18.2	13.0	16.2	15.0	2.0	6.0	18.5	12.0	20.0	2.5
60.0	90	76.0	3.0	7	9.0	26.2	18.2	15.0	16.0	14.8	2.0	6.0	18.5	14.0	20.0	2.5
65.0	90	79.0	3.0	7	9.0	26.2	18.2	15.0	16.0	14.8	2.0	6.0	18.5	14.0	20.0	2.5
65.0	90	79.0	3.0	7	9.0	25.2	17.2	15.0	17.0	15.8	2.0	6.0	18.5	14.0	20.0	2.5
65.0	90	82.0	3.0	7	9.0	25.2	17.2	15.0	17.0	15.8	2.0	6.0	18.5	14.0	20.0	2.5