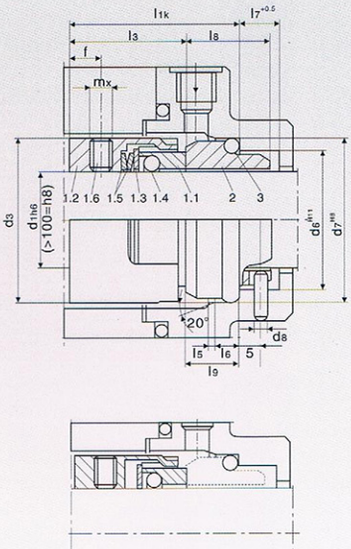
M7N 型机械密封



简介

单端面密封/非平衡型/任意旋像/符合DIN24960标准
Single seal/Unbalanced/Independent of direction of rotation/To DIN 24960*

该系列应用广泛，互换性强，密封环非紧嵌入，替换方便。推环由传动搭子卡住，防止弹簧脱落。静环可以限位，弹簧行程受限制，避免碳环过度磨损。
The mechanical seal range is designed for universal application and ideal suited for Standardisation.The loosely inserted seal faces are easily exchanged,permitting all combinations of materials and stock rationalisation

运行参数

d_1=14...200mm 0.55"...8" p_1=16(25)bar 230(360)PSI
t=-50...220℃ -58°F...430°F V_g=20m/s 66ft/s
Axial movement：轴向窜动量：
d_1 up to 25 mm：±1.0mm
d_1 28 to 63 mm：±1.5mm
d_1 65 mm and above：±2.0mm

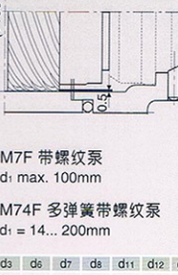
M74 多弹簧结构

Dimensions, item no's and descriptions as for M7N, but with multiple springs(Item no.1.5). Preferably for d_1>100mm.

扭矩传递 d_1>100mm

由四只螺钉拧入凹坑。
4 set screws with cone points
(standard arrangement)

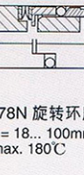
静止环



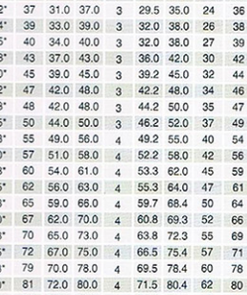
-G 4

-G 13

-G 9
DIN24960

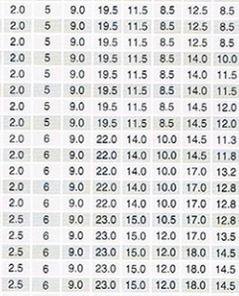


-G 6
DIN24960



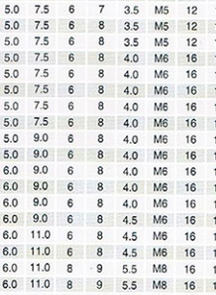
M7F 带螺纹泵
d_1 max. 100mm

M74F 多弹簧带螺纹泵
d_1 = 14... 200mm



MS2 键驱动
d_1 max. 100mm

MS2 多弹簧键驱动
d_1 = 28... 200mm



M78N 旋转环用镶嵌结构
d_1 = 18... 100mm
t max. 180℃

d1	d3	d6	d7	d8	d11	d12	d24	d31	d5	l1k	l3	l5	l6	l7	l8	l9	l10	l11	l12	l13	l14	l15	l16	l28	b	f	f1	mx	Pmax.	t
14*	25	21.0	25.0	3	20.5	24.6	16	-	34	35.0	25.0	1.5	4	8.5	17.5	10.0	7.5	10.0	6.5	7.6	5.6	1.2	3.8	6.6	4	6	-	M5	10	1.5
16*	27	23.0	27.0	3	22.0	28.0	18	-	36	35.0	25.0	1.5	4	8.5	17.5	10.0	7.5	11.5	8.5	9.0	7.5	1.2	3.8	6.6	4	6	-	M5	10	1.5
18*	33	27.0	33.0	3	24.0	30.0	20	32	38	37.5	26.0	2.0	5	9.0	19.5	11.5	8.5	12.5	9.0	10.0	8.0	1.5	5.0	7.5	5	7	3.5	M5	12	1.1
20*	35	29.0	35.0	3	29.5	35.0	22	34	40	375	26.0	2.0	5	9.0	19.5	11.5	8.5	12.5	8.5	9.5	7.5	1.5	5.0	7.5	5	7	3.5	M5	12	1.1
22*	37	31.0	37.0	3	29.5	35.0	24	36	42	37.5	26.0	2.0	5	9.0	19.5	11.5	8.5	12.5	8.5	9.5	7.5	1.5	5.0	7.5	6	7	3.5	M5	12	1.5
24*	39	33.0	39.0	3	32.0	38.0	26	38	44	40.0	28.5	2.0	5	9.0	19.5	11.5	8.5	12.5	8.5	9.5	7.5	1.5	5.0	7.5	6	8	3.5	M5	12	1.5
25*	40	34.0	40.0	3	32.0	38.0	27	39	45	40.0	28.5	2.0	5	9.0	19.5	11.5	8.5	12.5	8.5	9.5	7.5	1.5	5.0	7.5	6	8	3.5	M5	12	1.5
28*	43	37.0	43.0	3	36.0	42.0	30	42	47	42.5	31.0	2.0	5	9.0	19.5	11.5	8.5	14.0	10.0	11.0	9.0	1.5	5.0	7.5	6	8	4.0	M6	16	1.5
30*	45	39.0	45.0	3	39.2	45.0	32	44	49	42.5	31.0	2.0	5	9.0	19.5	11.5	8.5	14.0	11.5	11.0	10.5	1.5	5.0	7.5	6	8	4.0	M6	16	1.5
32*	47	42.0	48.0	3	42.2	48.0	34	46	51	42.5	31.0	2.0	5	9.0	19.5	11.5	8.5	14.0	11.5	11.0	10.5	1.5	5.0	7.5	6	8	4.0	M6	16	1.5
33*	48	42.0	48.0	3	44.2	50.0	35	47	51	42.5	31.0	2.0	5	9.0	19.5	11.5	8.5	14.5	12.0	11.5	10.5	1.5	5.0	7.5	6	8	4.0	M6	16	1.5
35*	50	44.0	50.0	3	46.2	52.0	37	49	54	42.5	31.0	2.0	5	9.0	19.5	11.5	8.5	14.5	12.0	11.5	11.0	1.5	5.0	7.5	6	8	4.0	M6	16	1.5
38*	55	49.0	56.0	4	49.2	55.0	40	54	59	45.0	31.0	2.0	6	9.0	22.0	14.0	10.0	14.5	11.3	11.5	10.3	1.5	5.0	9.0	6	8	4.0	M6	16	1.5
40*	57	51.0	58.0	4	52.2	58.0	42	56	61	45.0	31.0	2.0	6	9.0	22.0	14.0	10.0	14.5	11.8	11.5	10.8	1.5	5.0	9.0	6	8	4.0	M6	16	1.5
43*	60	54.0	61.0	4	53.3	62.0	45	59	65	45.0	31.0	2.0	6	9.0	22.0	14.0	10.0	17.0	13.2	14.3	12.0	2.0	6.0	9.0	6	8	4.0	M6	16	1.5
45*	62	56.0	63.0	4	55.3	64.0	47	61	66	45.0	31.0	2.0	6	9.0	22.0	14.0	10.0	17.0	12.8	14.3	11.6	2.0	6.0	9.0	6	8	4.0	M6	16	1.5
48*	65	59.0	66.0	4	59.7	68.4	50	64	69	45.0	31.0	2.0	6	9.0	22.0	14.0	10.0	17.0	12.8	14.3	11.6	2.0	6.0	9.0	6	8	4.0	M6	16	1.5
50*	67	62.0	70.0	4	60.8	69.3	52	66	71	47.5	32.5	2.5	6	9.0	23.0	15.0	10.5	17.0	12.8	14.3	11.6	2.0	6.0	9.0	6	8	4.5	M6	16	1.5
53*	70	65.0	73.0	4	63.8	72.3	55	69	75	47.5	32.5	2.5	6	9.0	23.0	15.0	12.0	17.0	13.5	14.3	12.3	2.0	6.0	11.0	6	8	4.5	M6	16	1.5
55*	72	67.0	75.0	4	66.5	75.4	57	71	76	47.0	32.5	2.5	6	9.0	23.0	15.0	12.0	18.0	14.5	15.3	13.3	2.0	6.0	11.0	6	8	4.5	M6	16	1.5
58*	79	70.0	78.0	4	69.5	78.4	60	78	83	52.5	37.5	2.5	6	9.0	23.0	15.0	12.0	18.0	14.5	15.3	13.3	2.0	6.0	11.0	8	9	5.5	M8	16	1.9
60*	81	72.0	80.0	4	71.5	80.4	62	80	85	52.5	37.5	2.5	6	9.0	23.0	15.0	12.0	18.0	14.5	15.3	13.3	2.0	6.0	11.0	8	9	5.5	M8	16	1.9
63*	84	75.0	83.0	4	74.5	83.4	65	83	88	52.5	37.5	2.5	6	9.0	23.0	15.0	12.0	18.0	14.2	15.3	13.3	2.0	6.0	11.0	8	9	5.5	M8	16	1.9
65*	86	77.0	85.0	4	76.5	85.4	67	85	95	52.5	37.5	2.5	6	9.0	23.0	15.0	12.0	18.0	14.2	15.3	13.0	2.0	6.0	11.0	8	9	5.5	M8	16	1.9
68*	89	81.0	90.0	4	82.7	91.5	70	88	93	52.5	34.5	2.5	7	9.0	26.0	18.0	12.5	19.0	14.9	16.0	13.7	2.0	6.0	11.3	8	9	4.0	M8	16	1.9
70*	91	83.0	92.0	4	83.0	92.0	72	90	95	60.0	42.0	2.5	7	9.0	26.0	18.0	12.5	18.0	14.2	15.3	13.0	2.0	6.0	11.3	8	9	5.5	M8	16	1.9
75*	99	88.0	97.0	4	90.2	99.0	77	99	105	60.0	42.0	2.5	7	9.0	26.0	18.0	12.5	18.0	15.2	15.3	14.8	2.0	6.0	11.3	8	10	5.5	M8	16	1.9
80*	104	95.0	105.0	4	95.2	104.0	82	104	109	60.0	41.8	3.0	7	9.0	26.2	18.2	13.0	19.0	16.2	16.3	14.8	2.0	6.0	12.0	8	10	5.5	M8	16	1.9
85*	109	100.0	110.0	4	100.2	109.0	87	109	114	60.0	46.8	3.0	7	9.0	26.2	18.2	15.0	19.0	16.0	16.3	14.8	2.0	6.0	14.0	8	10	5.5	M8	16	1.9
90*	114	105.0	115.0	4	105.2	114.0	92	114	119	65.0	47.8	3.0	7	9.0	26.2	18.2	15.0	19.0	16.0	16.3	14.8	2.0	6.0	14.0	10	10	8.0	M8	27	2.3
95*	119	110.0	120.0	4	111.6	120.3	97	119	124	65.0	47.8	3.0	7	9.0	25.2	17.2	15.0	20.0	17.0	17.3	15.8	2.0	6.0	14.0	10	10	8.0	M8	27	2.3
100*	124	115.0	125.0	4	114.5	123.3	102	124	129	65.0	47.8	3.0	7	9.0	25.2	17.2	15.0	20.0	17.0	17.3	15.8	2.0	6.0	14.0	10	10	8.0	M8	27	2.3
105	138	122.2	134.3	5	-	-	108	-	143	67.0	47.0	2.0	10	-	30.0	20.0	-	-	-	-	-	-	-	-	10	10	-	M8	20	2.3
110	143	128.2	140.3	5	-	-	113	-	148	67.0	47.0	2.0	10	-	30.0	20.0	-	-	-	-	-	-	-	-	10	10	-	M8	20	2.3
115	148	136.2	148.3	5	-	-	118	-	153	67.0	47.0	2.0	10	-	30.0	20.0	-	-	-	-	-	-	-	-	10	10	-	M8	20	2.3
120	153	138.2	150.3	5	-	-	123	-	158	67.0	47.0	2.0	10	-	30.0	20.0	-	-	-	-	-	-	-	-	10	10	-	M8	20	2.3
125	158	142.2	154.3	5	-	-	128	-	163	67.0	47.0	2.0	10	-	30.0	20.0	-	-	-	-	-	-	-	-	10	10	-	M8	20	2.3
130	163	146.2	158.3	5	-	-	133	-	168	67.0	47.0	2.0	10	-	30.0	20.0	-	-	-	-	-	-	-	-	10	10	-	M8	20	2.3
135	168	152.2	164.3	5	-	-	138	-	173	67.0	47.0	2.0	10	-	30.0	20.0	-	-	-	-	-	-	-	-	10	10	-	M8	20	2.3
140	173	156.2	168.3	5	-	-	143	-	178	67.0	47.0	2.0	10	-	30.0	20.0	-	-	-	-	-	-	-	-	10	10	-	M8	20	2.3
145	178	161.2	173.3	5	-	-	148	-	183	67.0	47.0	2.0	10	-	30.0	20.0	-	-	-	-	-	-	-	-	10	10	-	M8	20	2.3
150	183	168.2	180.3	5	-	-	153	-	188	69.0	47.0	2.0	10	-	32.0	22.0	-	-	-	-	-	-	-	-	10	10	-	M8	20	2.3
155	191	173.2	185.3	5	-	-	158	-	196	80.0	56.0	2.0	12	-	34.0	24.0	-	-	-	-	-	-	-	-	12	12	-	M8	24	2.1
160	196	178.2	190.3	5	-	-	163	-	201	80.0	56.0	2.0	12	-	34.0	24.0	-	-	-	-	-	-	-	-	12	12	-	M8	24	2.1
165	201	183.2	195.3	5	-	-	168	-	206	80.0	56.0	2.0	12	-	34.0	24.0	-	-	-	-	-	-	-	-	12	12	-	M8	24	2.1
170	206	188.2	200.3	5	-	-	173	-	211	80.0	56.0	2.0	12	-	34.0	24.0	-	-	-	-	-	-	-	-	12	12	-	M8	24	2.1
175	211	193.2	205.3	5	-	-	178	-	216	80.0	56.0	2.0	12	-	34.0	24.0	-	-	-	-	-	-	-	-	12	12	-	M8	24	2.1
180	216	207.5	219.3	5	-	-	183	-	221	84.0	56.0	2.0	12	-	38.0	28.0	-	-	-	-	-	-	-	-	12	12	-	M8	24	2.1
185	221	212.5	224.3	5	-	-	188	-	226	84.0	56.0	2.0	12	-	38.0	28.0	-	-	-	-	-	-	-	-	12	12	-	M8	24	2.1
190	226	217.5	229.3	5	-	-	193	-	231	84.0	56.0	2.0	12	-	38.0	28.0	-	-	-	-	-	-	-	-	12	12	-	M8	24	2.1
195	231	222.5	234.3	5	-	-	198	-	236	84.0	56.0	2.0	12	-	38.0	28.0	-	-	-	-	-	-	-	-	12	12	-	M8	24	2.1
200	236	227.5	239.3	5	-	-	203	-	241	84.0	56.0	2.0	12	-	38.0	28.0	-	-	-	-	-	-	-	-	12	12	-	M8	24	2.1