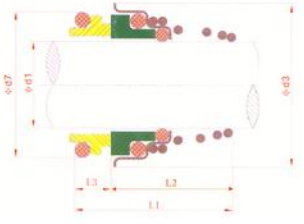


155

主要技术参数:
主要用于：家用泵及清水泵
密封腔温度：＜-30℃~200℃
密封腔压力：＜1MPa
线转速：＜15m/Sec

Pumps: Water pumps and household pumps
Temperatur: ＜-30℃~200℃
Pressure: ＜1MPa
Speed: ＜15m/Sec



- Stationary ring(Ceramic/SIC/TC)
- Rotary Ring(Carbon/SIC/TC)
- Secondary Seal(NBR/EPDM/VITON)
- Spring & Metal Parts(S.S/SUS304/SUS316)

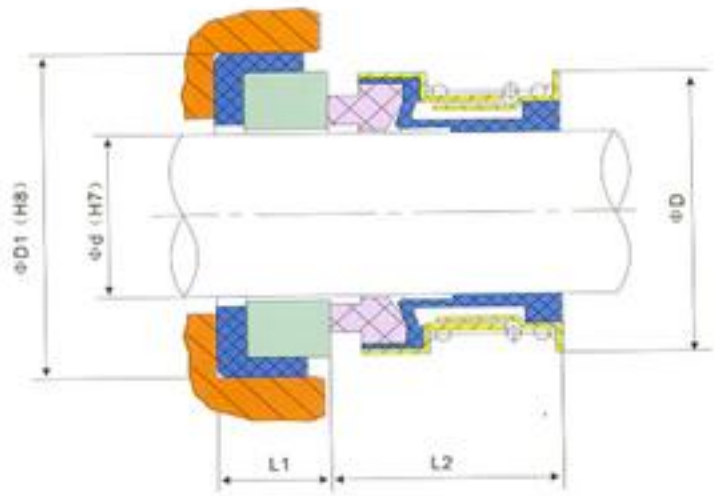
- 静环（ 陶瓷/碳化硅/碳化钨）
- 动环（ 石墨/碳化硅/碳化钨）
- 辅助密封（ 丁腈橡胶/乙丙橡胶/氟橡胶）
- 弹簧及金属件（ 不锈钢）

Model	d1	d3	d7	L1	L3
WM155-10	10	20	18.1	20.5	5.5
WM155-11	11	22	20.6	23.5	5.5
WM155-12	12	22	20.6	23.5	5.5
WM155-13	13	25	23.1	28	6
WM155-14	14	25	23.1	28	6
WM155-15	15	29	26.9	30	7
WM155-16	16	29	26.9	30	7
WM155-17	17	29	26.9	30	7
WM155-18	18	33	30.9	32	8
WM155-19	19	33	30.9	33	8
WM155-20	20	33	30.9	33	8
WM155-21	21	38	35.4	33	8
WM155-22	22	38	35.4	33	8
WM155-23	23	38	35.4	35	8
WM155-24	24	38	35.4	35	8
WM155-25	25	40	38.2	35.5	8.5
WM155-28	28	46	43.3	39	9
WM155-29	29	46	43.3	39	9
WM155-30	30	46	43.3	39	9
WM155-32	32	46	43.3	39	9
WM155-33	33	48	53.5	50.5	11.5
WM155-35	35	50	53.5	50.5	11.5
WM155-38	38	58	60.5	50.5	11.5
WM155-40	40	58	60.5	50.5	11.5

Model	d1	d3	d7	L2	L3
WM155B-10	10	20	21	15.2	7
WM155B-12	12	22	23	18.2	7
WM155B-14	14	25	25	22.2	7
WM155B-16	16	29	27	23.2	7
WM155B-18	18	33	33	24.2	10
WM155B-20	20	33	35	25.2	10
WM155B-22	22	38	37	25.2	10
WM155B-24	24	38	39	27.2	10
WM155B-25	25	40	40	27.2	10
WM155B-28	28	46	43	29.2	10
WM155B-30	30	46	45	30.2	10
WM155B-32	32	46	48	30.2	10
WM155B-33	33	48	48	39.2	10
WM155B-35	35	50	50	39.2	10
WM155B-38	38	56	56	42.2	13
WM155B-40	40	58	58	42.2	13



166



主要技术参数：
密封腔压力：≤0.6MPa
线转速：≤10m/Sec
密封腔温度：≤-20℃~200℃
适用介质：水、油及一般弱腐蚀性化工介质

Working Conditions
Pressure: ≤0.6MPa
Speed: ≤10m/Sec
Temperatur: ≤-20℃~200℃
Medium: Water, oil, and weakly-corros mediums, etc.

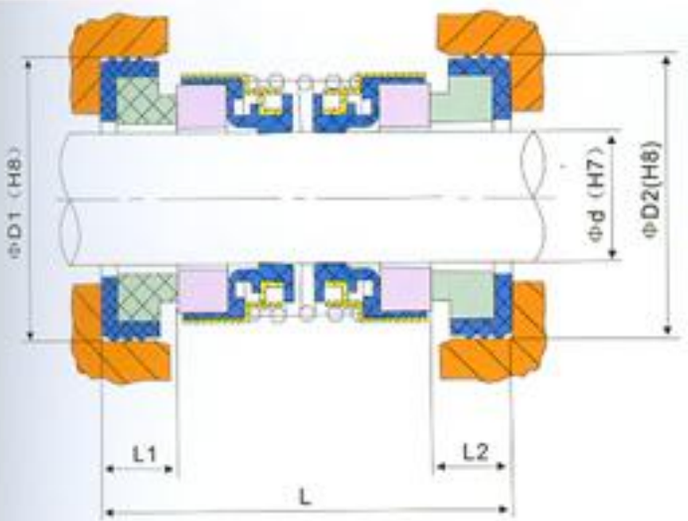
- 静环（ 陶瓷/碳化硅/碳化钨）
- 动环（ 石墨/碳化硅/碳化钨）
- 辅助密封（ 丁腈橡胶/乙丙橡胶/氟橡胶）
- 弹簧及金属件（ 不锈钢）

- Stationary ring(Ceramic/SIC/TC)
- Rotary Ring(Carbon/SIC/TC)
- Secondary seal(NBR/EPDM/VITON)
- Spring & Metal parts(Steel)

型号/规格	d	D	D1	L1	L2
WM166-3/8 " A	9.53	23.29	22.23	6.35	16.08
WM166-3/8 "	9.53	23.29	22.23	7.14	16.86
WM166-1/2 " A	12.7	23.29	25.4	6.35	16.86
WM166-1/2 "	12.7	23.29	25.4	7.93	16.86
WM166-5/8 "	15.88	30.1	31.75	10.3	18.44
WM166-3/4 "	19.05	33.07	34.93	10.3	18.44
WM166-7/8 "	22.23	36.3	38.1	10.3	20.82
WM166-1 "	25.4	39.42	41.28	11.1	20.82



202



主要技术参数：
密封腔压力：≤0.35MPa
线转速：≤6m/Sec
密封腔温度：≤-20℃~100℃
适用介质：各种潜水泵与污水泵等

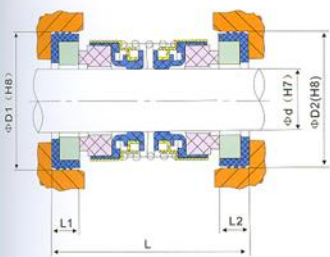
Working Conditions
Pressure: ≤0.35MPa
Speed: ≤6m/Sec
Temperatur: ≤-20℃~100℃
Medium: Submersible pumps, sewage pumps, etc.

型号/规格	d	D1	D2	L	L1	L2
WM-202-14	14	26	26	38	7	7
WM-202-14A	14	28	28	38	7	7
WM-202-14B	15	30	30	38	7	7
WM-202-15	15	28	28	38	7	7
WM-202-15A	16	30	30	38	7	7
WM-202-16	16	28	28	38	7	7
WM-202-16A	16	30	30	38	7	7
WM-202-18	18	34	34	38	7	7
WM-202-20	20	36	36	40	7	7
WM-202-25	25	41	41	51	9	9
WM-202-30	30	46	46	51	9	9

- 静环（石墨/碳化硅/碳化钨）
- 动环（陶瓷/碳化硅/碳化钨）
- 辅助密封（丁腈橡胶/乙丙橡胶/氟橡胶）
- 弹簧及金属件（不锈钢）
- Stationary ring(Carbon/SIC/TC)
- Rotary Ring(Ceramic/SIC/TC)
- Secondary seal(NBR/EPDM/VITON)
- Spring & Metal parts(Steel)



208



主要技术参数：
密封腔压力：≤0.35MPa
线转速：≤6m/Sec
密封腔温度：≤-20℃~100℃
适用介质：各种潜水泵与污水泵等

Working Conditions
Pressure: ≤0.35MPa
Speed: ≤6m/Sec
Temperatur: ≤-20℃~100℃
Medium: Submersible pumps, sewage pumps, etc.

- 静环（ 石墨/碳化硅/碳化钨）
- 动环（ 陶瓷/碳化硅/碳化钨）
- 辅助密封（ 丁腈橡胶/乙丙橡胶/氟橡胶）
- 弹簧及金属件（ 不锈钢）
- Stationary ring(Carbon/SIC/TC)
- Rotary Ring(Ceramic/SIC/TC)
- Secondary seal(NBR/EPDM/VITON)
- Spring & Metal parts(Steel)

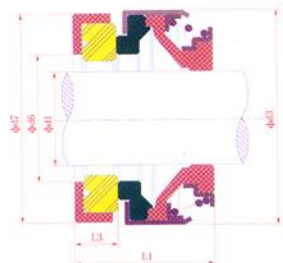
型号/规格	d	D1	D2	L	L1	L2
WM208-10	10	21	21	30	5	5
WM208-12	12	26	26	30	5	5
WM208-14	14	26	26	38	5	5
WM208-16	16	27	27	38	5	5
WM208-18	18	33	33	38	5	5
WM208-20	20	35	35	40	5	5
WM208-25	25	40	40	48	7	7
WM208-30	30	45	45	51	7	7
WM208-35	35	50	50	51	8	8



301

主要技术参数:
主要用于：家用泵及清水泵
密封腔温度：<-20℃~100℃
密封腔压力：<0.5MPa
线转速：<10m/Sec

Pumps: Water pumps and household pumps
Temperatur: <-20℃~100℃
Pressure: <0.5MPa
Speed: <10m/Sec



- Stationary ring(Ceramic/SIC/TC)
- Rotary Ring(Carbon/SIC/TC)
- Secondary Seal(NBR/EPDM/VITON)
- Spring & Metal Parts(S.S/SUS304/SUS316)

- 静环（ 陶瓷/碳化硅/碳化钨）
- 动环（ 石墨/碳化硅/碳化钨）
- 辅助密封（ 丁腈橡胶/乙丙橡胶/氟橡胶）
- 弹簧及金属件（ 不锈钢）

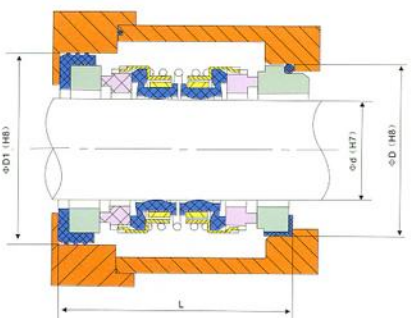
Model	d1	d3	d6	d7	L1	L3	Model	d1	d3	d6	d7	L1	L3
WM301-6	6	18	8	18	14	4	WM301-19	19	39	21	42	21	8
WM301-8S	8	18	10	22	15	4	WM301-20	20	39	22	42	21	8
WM301-8M	8	20	10	22/26	15	4/5.5	WM301-20L	20	42	24	45	23	10
WM301-8L	8	24	10	26	15	5.5	WM301-22S	22	36	24	45	26.5	10
WM301-10	10	24	12	26	21	8	WM301-22L	22	42	24	45	23	10
WM301-11	11	24	13	26	21	8	WM301-23	23	47	25	50	23.5	10
WM301-12	12	24	14	25/26	21	8	WM301-24	24	47	26	50	23.5	10
WM301-13	13	24	15	26	19.5	5.5/8	WM301-25	25	42	27	50	23.5	10
WM301-13L	13	28	16	28	21	8	WM301-25L	25	47	27	50	23.5	10
WM301-13H	13	32	16	29.5	30.5	8	WM301-26	26	47	29	50	23.5	10
WM301-14	14	28	16	28/28.5	21	8	WM301-27	27	47	30	50	23.5	10
WM301-14L	14	32	16	29.5	21	8	WM301-28	28	54	31	57	25	10
WM301-15S	15	28	16	28.5/30	21	8	WM301-30	30	54	33	57	25	10
WM301-15M	15	32	16	30/29.5	21	8	WM301-32	32	54	35	57	25	10
WM301-15L	15	39	18	38	21	8	WM301-35	35	60	38	63	26	10
WM301-16S	16	28	16	29.5/30	21	8	WM301-38	38	65	41	68	30	12
WM301-16M	16	32	18	29.5	21	8	WM301-40	40	65	43	68	30	12
WM301-16L	16	39	18	38	21	8	WM301-45	45	70	48	73	32	12
WM301-16H	16	32	16	30	31	10	WM301-50	50	85	52	88	38	15
WM301-17	17	39	19	42	21	8	WM301-55	55	85	58	88	38	15
WM301-18	18	39	20	42	21	8	WM301-60	60	105	63	110	45	15



47D

主要技术参数：
密封腔压力：≤0.5MPa
线转速：≤8m/Sec
密封腔温度：≤-20℃~100℃
适用介质：各种潜水泵与污水泵、泥水、污水或含固体颗粒等一般弱腐蚀性介质

Working Conditions
Pressure: ≤0.5MPa
Speed: ≤8m/Sec
Temperatur: ≤-20℃~100℃
Medium: Submersible pumps, sewage pumps; applied to the muddy water, sewage water or weakly corrosive fluids with soild grains.



- 静环（ 陶瓷/碳化硅/碳化钨）
- 动环（ 石墨/碳化硅/碳化钨）
- 辅助密封（ 丁腈橡胶/乙丙橡胶/氟橡胶）
- 弹簧及金属件（ 不锈钢）

- Stationary ring(Ceramic/SIC/TC)
- Rotary Ring(Carbon/SIC/TC)
- Secondary seal(NBR/EPDM/VITON)
- Spring & Metal parts(Steel)

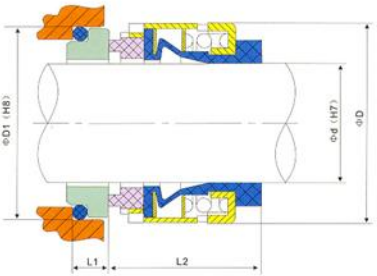
型号/规格	d	D	D1	L
WM47D-16	16	27	27	36
WM47D-18	18	33	33	36
WM47D-20	20	35	35	49
WM47D-22	22	37	37	49
WM47D-24	24	39	39	49
WM47D-25	25	40	40	51
WM47D-28	28	43	43	51
WM47D-30	30	45	45	59
WM47D-32	32	48	48	61
WM47D-33	33	48	48	61
WM47D-35	35	50	50	61
WM47D-38	38	56	56	61
WM47D-40	40	58	58	64.5
WM47D-43	43	61	61	65
WM47D-45	45	63	63	65
WM47D-48	48	66	66	65
WM47D-50	50	70	70	69.5
WM47D-53	53	73	73	69.5
WM47D-55	55	75	75	71



502

主要技术参数：
密封腔压力：＜1.2MPa
线转速：＜12m/Sec
密封腔温度：＜-30℃~200℃
适用介质：水、油及一般弱腐蚀性化工介质

Working Conditions
Pressure: ＜1.2MPa
Speed: ＜12m/Sec
Temperatur: ＜-30℃~200℃
Medium: Water, oil, and weakly-corrosive mediums, etc.



- 静环（ 陶瓷/碳化硅/碳化钨）
- 动环（ 石墨/碳化硅/碳化钨）
- 辅助密封（ 丁腈橡胶/乙丙橡胶/氟橡胶）
- 弹簧及金属件（ 不锈钢）

- Stationary ring(Ceramic/SIC/TC)
- Rotary Ring(Carbon/SIC/TC)
- Secondary seal(NBR/EPDM/VITON)
- Spring & Metal parts(Steel)

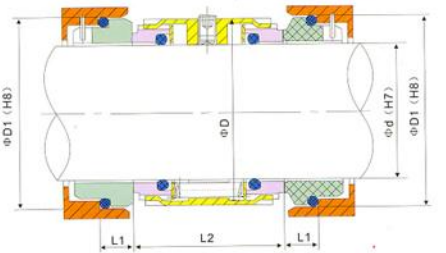
型号/规格	d	D	D1	L1	L2	型号/规格	d	D	D1	L1	L2
WM502-14	14	24	25	12	23.2	WM502-48	48	64	66	12.9	32.2
WM502-16	16	26	27	12	23.2	WM502-50	50	66	70	13.4	34.2
WM502-18	18	32	33	13.5	24.2	WM502-53	53	69	73	13.4	34.2
WM502-20	20	34	35	13.5	24.2	WM502-55	55	71	75	13.4	34.2
WM502-22	22	36	37	13.5	24.2	WM502-58	58	78	78	13.4	39.2
WM502-24	24	38	39	13.5	26.9	WM502-60	60	80	80	13.4	39.2
WM502-25	25	39	40	13	27.2	WM502-63	63	83	83	13.4	39.2
WM502-28	28	42	43	12.5	30.2	WM502-65	65	85	85	13.4	39.2
WM502-30	30	44	45	11.9	30.7	WM502-68	68	88	90	13.4	39.2
WM502-32	32	46	48	11.9	30.7	WM502-70	70	89	92	14.5	45.7
WM502-33	33	47	48	11.9	30.7	WM502-75	75	96	97	14.5	45.7
WM502-35	35	49	50	11.9	30.7	WM502-80	80	104	105	15	45.2
WM502-38	38	54	56	12.9	32.2	WM502-85	85	108	110	15	45.2
WM502-40	40	56	58	12.9	32.2	WM502-90	90	114	115	15	50.2
WM502-43	43	59	61	12.9	32.2	WM502-95	95	118	120	15	50.2
WM502-45	45	61	63	12.9	32.2	WM502-100	100	124	125	15	50.2



50D

主要技术参数：
密封腔压力：＜1.0MPa
线转速：＜10m/Sec
密封腔温度：＜-20℃~180℃
适用介质：泥水、污水或含固体颗粒等一般弱腐蚀性介质

Working Conditions
Pressure: ＜1.0MPa
Speed: ＜10m/Sec
Temperatur: ＜-20℃~180℃
Medium: Muddy water, sewage water and weakly corrosive fluids with soild grains.



- 静环（ 陶瓷/碳化硅/碳化钨）
- 动环（ 石墨/碳化硅/碳化钨）
- 辅助密封（ 丁腈橡胶/乙丙橡胶/氟橡胶）
- 弹簧及金属件（ 不锈钢）

- Stationary ring(Ceramic/SIC/TC)
- Rotary Ring(Carbon/SIC/TC)
- Secondary seal(NBR/EPDM/VITON)
- Spring & Metal parts(Steel)

型号/规格	d	D1	D2	L1	L2
WM50D-18	18	33	33	11.5	38
WM50D-20	20	35	35	11.5	38
WM50D-22	22	37	37	11.5	38
WM50D-24	24	39	39	11.5	38
WM50D-25	25	40	40	11.5	38
WM50D-28	28	43	43	11.5	39
WM50D-30	30	45	45	11.5	39
WM50D-32	32	47	48	11.5	39
WM50D-33	33	48	48	11.5	39
WM50D-35	35	50	50	11.5	39
WM50D-38	38	55	56	14	41
WM50D-40	40	57	58	14	42
WM50D-43	43	60	61	14	42
WM50D-45	45	62	63	14	42
WM50D-48	48	65	66	14	42

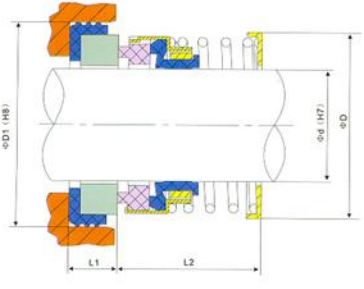
型号/规格	d	D1	D2	L1	L2
WM50D-50	50	67	70	15	43
WM50D-53	53	70	73	15	43
WM50D-55	55	72	75	15	43
WM50D-58	58	79	78	15	56
WM50D-60	60	81	80	15	56
WM50D-63	63	84	83	15	55
WM50D-65	65	86	85	15	55
WM50D-68	68	89	90	18	55
WM50D-70	70	91	92	18	56
WM50D-75	75	99	97	18	56
WM50D-80	80	104	105	18.2	56
WM50D-85	85	109	110	18.2	56
WM50D-90	90	114	115	18.2	56
WM50D-95	95	119	120	17.2	56
WM50D-100	100	124	125	17.2	56



560A

主要技术参数：
密封腔压力：＜0.8MPa
线转速：＜10m/Sec
密封腔温度：＜-20℃~150℃
适用介质：水、油及一般弱腐蚀性化工介质

Working Conditions
Pressure: ＜0.8MPa
Speed: ＜10m/Sec
Temperatur: ＜-20℃~150℃
Medium: Water, oil, and weakly-corrosive mediums, etc.



型号/规格	d	D	D1	L1	L2
WM560A-8	8	18.2	21	7	11.2
WM560A-9	9	18.2	24	7	16.2
WM560A-10	10	20.6	24	7	16.2
WM560A-11	11	20.6	24	7	16.2
WM560A-12	12	21.8	26	7	17.2
WM560A-13	13	21.8	26	7	17.2
WM560A-14	14	26.4	28	7	18.2
WM560A-15	15	26.4	28	7	18.2
WM560A-16	16	26.4	32	8	19.2
WM560A-17	17	29.5	32	8	19.2
WM560A-18	18	29.5	35	8	19.2
WM560A-19	19	29.5	35	8	19.2
WM560A-20	20	31.6	38	8	20.2
WM560A-22	22	33.6	40	8	20.2
WM560A-25	25	39.6	44	9	20.2
WM560A-28	28	45	46	9	21.2
WM560A-30	30	46.6	50	9	22.2
WM560A-32	32	46.6	54	9	24.2
WM560A-35	35	50.8	58	10	26.2
WM560A-38	38	54.3	60	10	27.2
WM560A-40	40	57.3	64	10	28.2
WM560A-45	45	61.3	66	10	30.2
WM560A-50	50	67.8	72	10	32.2

- 静环（ 陶瓷/碳化硅/碳化钨）
- 动环（ 石墨/碳化硅/碳化钨）
- 辅助密封（ 丁腈橡胶/乙丙橡胶/氟橡胶）
- 弹簧及金属件（ 不锈钢）

- Stationary ring(Ceramic/SIC/TC)
- Rotary Ring(Carbon/SIC/TC)
- Secondary seal(NBR/EPDM/VITON)
- Spring & Metal parts(Steel)

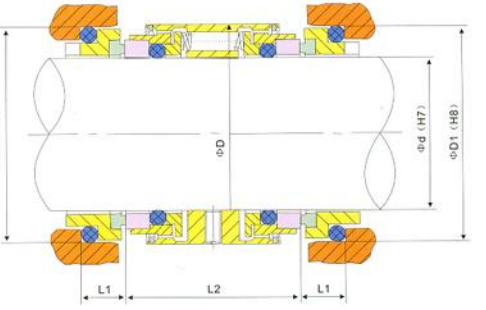
型号/规格	d	D	D1	L1	L2
WM560A-3/8 "	9.525	23.5	22.225	6.4	22.2
WM560A-1/2 "	12.7	26	25.4	6.4	22.2
WM560A-5/8 "	15.875	30	31.75	8.7	23.8
WM560A-3/4 "	19.05	32.5	34.925	8.7	23.8
WM560A-7/8 "	22.225	37.5	38.1	8.7	25.4
WM560A-1 "	25.4	44	41.275	9.5	27
WM560A-1 1/8 "	28.575	48	44.45	9.5	28.6
WM560A-1 1/4 "	31.75	50	47.625	9.5	28.6
WM560A-1 3/8 "	34.925	54.5	50.8	9.5	30.2
WM560A-1 1/2 "	38.1	58.5	53.975	9.5	30.2
WM560A-1 5/8 "	41.275	64	60.325	11.1	36.5
WM560A-1 3/4 "	44.45	67	63.5	11.1	36.5
WM560A-1 7/8 "	47.625	71	66.675	11.1	39.7
WM560A-2 "	50.8	73.5	69.85	11.1	39.7



5ED

主要技术参数：
密封腔压力：≤1.0MPa
线转速：≤13m/Sec
密封腔温度：≤-20℃~180℃
适用介质：泥水、污水或含固体颗粒等一般弱腐蚀性介质

Working Conditions
Pressure: ≤1.0MPa
Speed: ≤13m/Sec
Temperatur: ≤-20℃~180℃
Medium: Muddy water, sewage water and weakly corrosive fluids with soild grains.



- 静环（ 石墨/碳化硅/碳化钨）
- 动环（ 碳化硅/碳化钨）
- 辅助密封（ 丁腈橡胶/乙丙橡胶/氟橡胶）
- 弹簧及金属件（ 不锈钢）

- Stationary ring(Carbon/SIC/TC)
- Rotary Ring(SIC/TC)
- Secondary seal(NBR/EPDM/VITON)
- Spring & Metal parts(Steel)

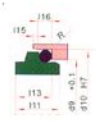
型号/规格	d	D1	D2	L1	L2
WM5ED-20	20	38	35	11.5	39
WM5ED-25	25	43	40	11.5	39
WM5ED-30	30	48	45	11.5	42
WM5ED-35	35	53	50	12	40
WM5ED-40	40	61	58	12	45
WM5ED-45	45	66	63	12	45
WM5ED-50	50	73	70	13	46
WM5ED-55	55	78	75	13	46
WM5ED-60	60	83	80	14	56
WM5ED-65	65	88	85	14	56
WM5ED-70	70	95	92	17	58
WM5ED-75	75	100	97	17	58
WM5ED-80	80	108	105	17	58

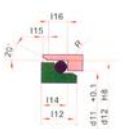


5ND









Operating Limits:
Medium: water, oil, crystallization acid, alkali, salt organic solution ect.
Temperature: -20℃~220℃
Pressure: 0~1.0MPa
Viscosity: <1500CP
Select seal face materials from the table 3
Design Feature:
a. Conical single type. When spring drive, Depeng on direction of rotation.
b. Looking at rotary ring from stationary one, cat it(R) that shaft rotates clockwese, on the contrary call (L). A right (left) handed spring must be fitted to a right(left) handed shaft.
c. According to the different conditions, packing can select rubber O-ring, or PTFE V-ring(T).
d. Conform to ISO3069,DIN24960 and Gb6556 standard.
e. Besides the G9(DIN24960). Other stationary ring like the type of BUGMANN can also be offered.

Dimension Table

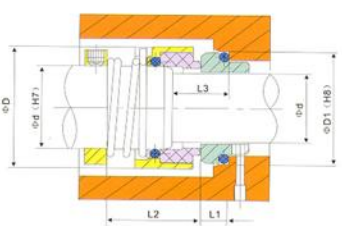
d (h7)	D1	D min	d7 (h8)	d6 (h11)	D3	d12 (H8)	L (±0.5)	L1 (±0.5)	L3	L4	C	d10	Dk min
14	24	26	25	21	18	24.6	26.5	34	8.5	4	1.5	23.1	17
16	26	28	27	23	20	28	28	35.5	8.5	4	1.5	26.9	19
18	32	34	33	27	23	30	31	38.5	9	5	2	30.9	21
20	34	36	35	29	25	35	33.5	41	9	5	2	30.9	27
22	36	38	37	31	27	35	33	40.5	9	5	2	35.4	26
24	38	40	39	33	29	38	35	42.5	9	5	2	35.4	28
25	39	41	40	34	30	38	38	45.5	9	5	2	38.2	30
28	42	44	43	37	33	42	38	45.5	9	5	2	43.3	33
30	44	46	45	39	35	45	38	45.5	9	5	2	43.3	35
32	46	48	48	42	38	48	40	47.5	9	5	2	43.3	37
33	47	49	48	42	38	48	40	47.5	9	5	2	53.5	38
35	49	51	50	44	40	52	40	47.5	9	5	2	53.5	40
38	54	58	56	49	44	55	47.5	55.5	9	6	2	60.5	44
40	56	60	58	51	46	58	50	58	9	6	2	60.5	46
43	59	63	61	54	49	62	52.5	60.5	9	6	2	60.5	20
45	61	65	63	56	51	64	53.5	61.5	9	6	2	65.5	52
48	64	68	66	59	54	68.4	60	68	9	6	2	65.5	55
50	66	70	70	62	57	69.3	60	68	9	6	2.5	72.5	58
53	69	73	73	65	60	69.3	62	70	9	6	2.5	72.5	61
55	71	75	75	67	62	75.4	64	72	9	6	2.5	72.5	63
58	78	83	78	70	65	78.4	70	78	9	6.5	2.5	72.5	67
60	80	85	80	72	67	80.4	70	78	9	6.5	2.5	79.3	69
63	83	88	83	75	70	80.4	70	78	9	6.5	2.5	79.3	72
65	85	90	85	77	72	85.4	70	78	9	6.5	2.5	84.5	74
68	88	93	90	81	75	91.5	73	81	9	7	2.5	84.5	78
70	90	95	92	83	77	92	75	83	9	7	2.5	89.5	80
75	98	104	97	88	72	99	80	88	9	7	2.5	94.5	86
80	103	109	105	95	89	104	80	88	9	7	3	99.5	91



WM5Q

主要技术参数：
密封腔压力：≤2.5MPa
线转速：≤10m/Sec
密封腔温度：≤-20℃~180℃
主要用于：清水泵、污水泵及化工泵

Working Conditions
Pressure: ≤2.5MPa
Speed: ≤10m/Sec
Temperatur: ≤-20℃~180℃
Pumps: Water pumps, sewage pumps, and chemical pumps, etc.



- 静环（ 陶瓷/碳化硅/碳化钨）
- 动环（ 石墨/碳化硅/碳化钨）
- 辅助密封（ 丁腈橡胶/乙丙橡胶/氟橡胶）
- 弹簧及金属件（ 不锈钢）

- Stationary ring(Ceramic/SIC/TC)
- Rotary Ring(Carbon/SIC/TC)
- Secondary seal(NBR/EPDM/VITON)
- Spring & Metal parts(Steel)

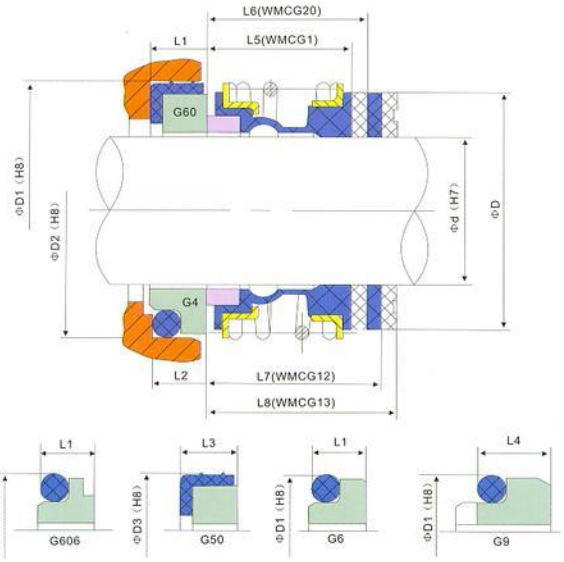
型号/规格	d	d1	D	D1	L1	L2	L3	型号/规格	d	d1	D	D1	L1	L2	L3
WM5Q-10	10	14	24	21	10	25.7	18	WM5Q-40	40	45	61	58	14	48.2	23
WM5Q-12	12	16	26	23	10	26.7	18	WM5Q-43	43	48	64	61	14	51.2	23
WM5Q-14	14	18	31	25	10	29.7	18	WM5Q-45	45	50	66	63	14	55.2	23
WM5Q-16	16	20	34	27	10	31.2	18	WM5Q-48	48	53	69	66	14	55.2	23
WM5Q-18	18	22	36	33	11.5	32.7	20	WM5Q-50	50	55	71	70	15	58.2	25
WM5Q-20	20	24	38	35	11.5	32.7	20	WM5Q-53	53	58	78	73	15	60.2	25
WM5Q-22	22	26	40	37	11.5	32.7	20	WM5Q-55	55	60	79	75	15	60.2	25
WM5Q-24	24	28	42	39	11.5	32.7	20	WM5Q-58	58	63	83	78	15	60.2	25
WM5Q-25	25	30	44	40	11.5	33.7	20	WM5Q-60	60	65	85	80	15	60.2	25
WM5Q-28	28	33	47	43	11.5	35.7	20	WM5Q-63	63	68	88	83	15	60.2	25
WM5Q-30	30	35	49	45	11.5	35.7	20	WM5Q-65	65	70	90	85	15	61.2	25
WM5Q-32	32	38	54	48	11.5	39.7	20	WM5Q-70	70	75	98	92	18	63.2	28
WM5Q-33	33	38	54	48	11.5	39.7	20	WM5Q-75	75	80	103	97	18	68.2	28
WM5Q-35	35	40	56	50	11.5	43.7	20	WM5Q-80	80	85	109	105	18.2	68.2	28
WM5Q-38	38	43	59	56	14	46.2	23								



WM-CG

主要技术参数：
应用在离心旋转泵、搅拌器等运转设备上，用于对合成橡胶无害所有液体
密封腔压力：≤1.2MPa
线转速：≤12m/Sec
密封腔温度：≤-30℃~200℃
结构特点：
为橡胶波纹管结构，无堵塞大弹簧设计，可有多种静环组对配套，能符合国际标准ISO3069和欧洲先进标准DIN24960的装配尺寸的设计，动组可以与G60、G50、G6、G4、G9、G606等静组配合

Working Conditions
Pumps:
All types of rotating equipment, such as centrifugal pumps, agitators, for most general and light chemical duties, wherever an elastomer Secondary Seal can be used.
Pressure: ≤1.2MPa
Speed: ≤12m/Sec
Temperatur: ≤-30℃~200℃
Design features:
Elastomeric bellows seal design including kinds of statconary ring, complying with, DIN24960 and ISO3069, combined with G60,G50,G6,G4,G9,G606,etc



- 静环（ 陶瓷/碳化硅/碳化钨）
- 动环（ 石墨/碳化硅/碳化钨）
- 辅助密封（ 丁腈橡胶/乙丙橡胶/氟橡胶）
- 弹簧及金属件（ 不锈钢）

- Stationary ring(Ceramic/SIC/TC)
- Rotary Ring(Carbon/SIC/TC)
- Secondary seal(NBR/EPDM/VITON)
- Spring & Metal parts(Steel)

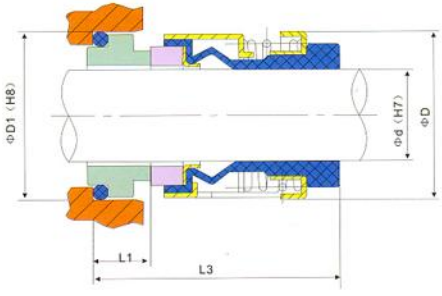
16	28	27	28	30.95	6.5	7.5	10.5	10	17.2	25.5	28.5	33.5
18	31.5	33	30	34.15	7.5	8	10.5	11.4	19.7	25.5	30.1	37.7
19	36.5	35	35	34.15	7.5	7.5	10.5	11.4	21.7	25.5	30.1	37.7
20	36.5	35	35	35.7	7.5	7.5	10.5	11.4	21.7	25.5	30.1	37.7
22	36.5	37	35	37.3	7.5	7.5	10.5	11.4	21.7	25.5	30.1	37.7
24	42	39	38	40.5	7.5	7.5	10.5	11.4	22.7	25.5	32.7	42.7
25	42	40	38	40.5	7.5	7.5	10.5	11.4	23.2	25.5	32.7	42.7
28	48.5	43	42	46.65	7.5	9	12	11.4	26.7	33.5	35.2	42.7
30	48.5	45	45	50.8	7.5	10.5	12	11.4	26.7	33.5	35.2	42.7
32	53	48	48	50.8	7.5	10.5	12	11.4	27.7	33.5	35.2	47.7
33	53	48	50	54	7.5	11	12	11.4	27.7	33.5	35.2	47.7
35	56.5	50	52	54	7.5	11	12	11.4	28.7	33.5	35.2	47.7
38	58.5	56	55	57.15	9	10.5	12	14	30.2	33.5	36.2	46.2
40	61.5	58	58	60.35	9	10.8	12	14	30.2	33.5	36.2	46.2
42	65	61	62	63.5	9	12	12	14	30.2	41.5	36.2	51.2
43	65	61	62	63.5	9	12	12	14	30.2	41.5	36.2	51.2
45	67.5	63	64	63.5	9	11.5	12	14	30.2	41.5	36.2	51.2
48	70	66	68.4	66.7	9	11.5	12	14	30.7	41.5	36.2	51.2
50	73.5	70	69.3	69.85	9.5	11.5	13.5	15	30.7	41.5	38.2	50.7
53	78	73	72.3	73.05	11	12.5	13.5	15	33.2	41.5	36.7	59.2
55	80.5	75	75.4	76.2	11	13.5	13.5	15	35.2	41.5	36.7	59.2
58	85	78	78.4	79.4	11	1.3.5	13.5	15	37.2	41.5	41.7	59.2
60	88	80	80.4	79.4	11	13.5	13.5	15	38.2	41.5	41.7	59.2
65	93	85	85.4	92.1	11	13	16	15	40.2	49.5	41.7	69.2
68	96	90	91.5	95.25	11.5	13.7	16	18	40.2	49.5	41.3	69
70	99	92	92	95.25	11.5	13	16	18	40.2	49.5	49	69
75	106.5	97	99	101.6	11.5	14	16	18	40.2	52.5	49	69
80	111.5	105	104	114.3	12	15	20	18.3	40.2	56.5	48.2	78.2
85	119.5	110	109	117.5	14	15	20	18.3	41.2	56.5	46.2	76.2
90	126.5	115	114	123.85	14	15	20	18.3	45.2	59.5	51.2	76.2
95	131.5	120	120.3	127	14	16	20	17.3	46.2	59.5	51.2	76.2
100	136.5	125	123.3	133.35	14	16	20	17.3	47.2	62.5	51.2	76.2



WM-CU

主要技术参数：
密封腔压力：≤1.2MPa
线转速：≤10m/Sec
密封腔温度：≤-20℃~150℃
适用介质：水、油及一般弱腐蚀性化工介质

Working Conditions
Pressure: ≤1.2MPa
Speed: ≤10m/Sec
Temperatur: ≤-20℃~150℃
Medium: Water, oil, and weakly-corrosive mediums, etc.



- 静环（ 陶瓷/碳化硅/碳化钨）
- 动环（ 石墨/碳化硅/碳化钨）
- 辅助密封（ 丁腈橡胶/乙丙橡胶/氟橡胶）
- 弹簧及金属件（ 不锈钢）

- Stationary ring(Ceramic/SIC/TC)
- Rotary Ring(Carbon/SIC/TC)
- Secondary seal(NBR/EPDM/VITON)
- Spring & Metal parts(Steel)

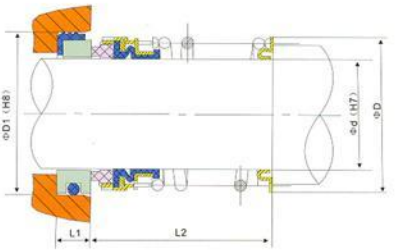
型号/规格	d	D	D1	L1	L3
WMCU-12	12	22	23	34	7.6
WMCU-14	14	24	25	40.6	6.6
WMCU-15	15	26	27	39	8.7
WMCU-16	16	26	27	39	8.7



WM1

主要技术参数：
密封腔压力：≤1MPa
线转速：≤12m/Sec
密封腔温度：≤-20℃~150℃
适用介质：水、油及一般弱腐蚀性化工介质

Working Conditions
Pressure: ≤1MPa
Speed: ≤12m/Sec
Temperatur: ≤-20℃~150℃
Medium: Water, oil, and weakly-corrosive mediums, etc.



- 静环（ 陶瓷/碳化硅/碳化钨）
- 动环（ 石墨/碳化硅/碳化钨）
- 辅助密封（ 丁腈橡胶/乙丙橡胶/氟橡胶）
- 弹簧及金属件（ 不锈钢）

- Stationary ring(Ceramic/SIC/TC)
- Rotary Ring(Carbon/SIC/TC)
- Secondary seal(NBR/EPDM/VITON)
- Spring & Metal parts(Steel)

型号/规格	d	D	D1	L1	L2
WM1-5/8 "	15.872	27.76	31.75	10.29	33.52
WM1-3/4 "	19.05	30.6	34.93	10.29	33.52
WM1-7/8 "	22.225	35	38.1	10.29	35.13
WM1-1 "	25.4	39	41.28	11.1	39.87
WM1-1 1/8 "	28.575	42	44.45	11.1	41.48
WM1-1 1/4 "	31.75	45	47.63	11.1	41.48
WM1-1 3/8 "	34.925	49	50.8	11.1	43.05
WM1-1 1/2 "	38.1	51	53.98	11.1	43.05
WM1-1 5/8 "	41.275	58	60.33	12.7	51
WM1-1 3/4 "	44.45	61	63.5	12.7	51

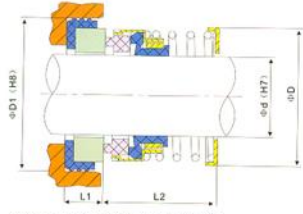
型号/规格	d	D	D1	L1	L2
WM1-1 7/8 "	47.625	63.8	66.68	12.7	54.17
WM1-2 "	50.8	68	69.85	12.7	54.17
WM1-2 1/8 "	53.9	71.42	76.2	14.27	60.53
WM1-2 1/4 "	57.1	74.6	79.38	14.27	60.53
WM1-2 3/8 "	60.3	77.77	82.55	14.27	63.7
WM1-2 1/2 "	63.5	80.95	85.73	14.27	63.7
WM1-2 5/8 "	66.6	85.73	85.73	15.9	70.05
WM1-2 3/4 "	69.8	88.9	88.9	15.9	70.05
WM1-2 7/8 "	73	92.08	95.25	15.9	73.2
WM1-3 "	76.2	95.25	98.43	15.9	73.2



WM20

主要技术参数：
密封腔压力：≤0.8MPa
线转速：≤10m/Sec
密封腔温度：≤-20℃~150℃
适用介质：水、油及一般弱腐蚀性化工介质

Working Conditions
Pressure: ≤0.8MPa
Speed: ≤10m/Sec
Temperatur: ≤-20℃~150℃
Medium: Water, oil, and weakly-corrosive mediums, etc.



- 静环（ 陶瓷/碳化硅/碳化钨）
- 动环（ 石墨/碳化硅/碳化钨）
- 辅助密封（ 丁腈橡胶/乙丙橡胶/氟橡胶）
- 弹簧及金属件（ 不锈钢）
- Stationary ring(Ceramic/SIC/TC)
- Rotary Ring(Carbon/SIC/TC)
- Secondary seal(NBR/EPDM/VITON)
- Spring & Metal parts(Steel)

型号/规格	d	D	D1	L1	L2
WM20-3/8 "	9.5	22.95	24.6	8.74	25.6
WM20-1/2 "	12.7	23.9	27.79	8.74	25.6
WM20-5/8 "	15.8	26.7	30.95	10.32	25.6
WM20-3/4 "	19.1	31.1	34.15	10.32	25.6
WM20-7/8 "	22.2	33.4	37.3	10.32	25.6
WM20-1 "	25.4	43.2	40.5	10.32	25.6
WM20-1 1/8 "	28.6	46.3	47.63	11.99	33.54
WM20-1 1/4 "	31.7	49.4	50.8	11.99	33.54
WM20-1 3/8 "	34.9	52.6	53.98	11.99	33.54
WM20-1 1/2 "	38.1	55.8	57.15	11.99	33.54
WM20-1 5/8 "	41.2	62.2	60.35	11.99	33.54
WM21-1 3/4 "	44.4	66	63.5	11.99	40.68
WM20-1 7/8 "	47.6	66.6	66.7	11.99	40.68
WM21-2 "	50.8	73	69.85	11.99	40.68
WM20-2 1/8 "	53.9	73.3	73.05	13.5	41.2
WM20-2 1/4 "	57.1	78.4	76.2	13.5	41.2
WM20-2 3/8 "	60.3	82	79.4	13.5	41.2
WM20-2 1/2 "	63.5	84.9	82.55	13.5	41.2
WM20-2 5/8 "	66.6	88.4	92.1	15.9	49.2
WM20-2 3/4 "	69.8	92.6	95.25	15.9	49.2
WM20-2 7/8 "	73	94.85	98.45	15.9	49.2
WM20-3 "	76.2	101.9	101.65	15.9	49.2

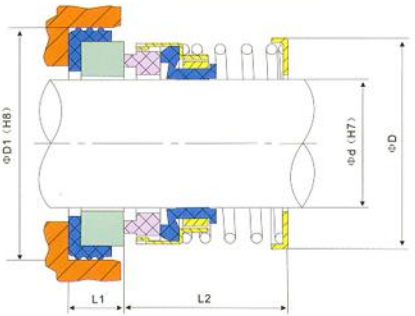
型号/规格	d	D	D1	L1	L2
WM20-10	10	22.95	24.6	8.74	25.6
WM20-12	12	23.9	27.79	8.74	25.6
WM20-13	13	23.9	27.79	8.74	25.6
WM20-14	14	26.7	30.95	10.32	25.6
WM20-15	15	26.7	30.95	10.32	25.6
WM20-16	16	26.7	30.95	10.32	25.6
WM20-18	18	31.1	34.15	10.32	25.6
WM20-19	19	31.1	34.15	10.32	25.6
WM20-20	20	33.4	35.7	10.32	25.6
WM20-22	22	33.4	37.3	10.32	25.6
WM20-24	24	39.2	40.5	10.32	25.6
WM20-25	25	39.2	40.5	10.32	25.6
WM20-28	28	46.3	47.63	11.99	33.54
WM20-30	30	49.4	50.8	11.99	33.54
WM20-32	32	49.4	50.8	11.99	33.54
WM20-33	33	52.6	53.98	11.99	33.54
WM20-34	34	52.6	53.98	11.99	33.54
WM20-35	35	52.6	53.98	11.99	33.54
WM20-38	38	55.8	57.15	11.99	33.54
WM20-40	40	62.2	60.35	11.99	33.54
WM20-42	42	66	63.5	11.99	40.68
WM20-43	43	66	63.5	11.99	40.68
WM20-44	44	66	63.5	11.99	40.68
WM20-45	45	66	63.5	11.99	40.68
WM20-48	48	66.6	66.7	11.99	40.68
WM20-50	50	71.65	69.85	11.99	40.68
WM20-53	53	73.3	73.05	13.5	41.2
WM20-55	55	78.4	76.2	13.5	41.2
WM20-58	58	82	79.4	13.5	41.2
WM20-60	60	82	79.4	13.5	41.2
WM20-63	63	84.9	82.55	13.5	41.2
WM20-65	65	88.4	92.1	15.9	49.2
WM20-70	70	92.6	95.52	15.9	49.2
WM20-73	73	94.85	98.45	15.9	49.2
WM20-75	75	101.9	101.65	15.9	49.2



WM21

主要技术参数：
密封腔压力：≤0.8MPa
线转速：≤10m/Sec
密封腔温度：≤-20℃~150℃
适用介质：水、油及一般弱腐蚀性化工介质

Working Conditions
Pressure: ≤0.8MPa
Speed: ≤10m/Sec
Temperatur: ≤-20℃~150℃
Medium: Water, oil, and weakly-corrosive mediums, etc.



- 静环（ 陶瓷/碳化硅/碳化钨）
- 动环（ 石墨/碳化硅/碳化钨）
- 辅助密封（ 丁腈橡胶/乙丙橡胶/氟橡胶）
- 弹簧及金属件（ 不锈钢）

- Stationary ring(Ceramic/SIC/TC)
- Rotary Ring(Carbon/SIC/TC)
- Secondary seal(NBR/EPDM/VITON)
- Spring & Metal parts(Steel)

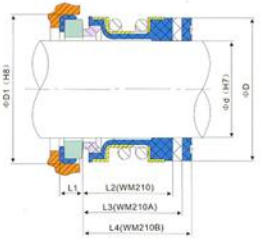
型号/规格	d	D	D1	L1	L2
WM21-1/2 "	12.7	23.88	25.4	7.92	20.82
WM21-5/8 "	15.875	26.7	31.75	10.29	22.43
WM21-3/4 "	19.05	31.09	34.93	10.29	22.43
WM21-7/8 "	22.225	33.4	38.1	10.29	24
WM21-1 "	25.4	43.18	41.28	11.1	25.6
WM21-1 1/8 "	28.575	46.28	44.45	11.1	27.17
WM21-1 1/4 "	31.75	49.4	47.63	11.1	27.17
WM21-1 3/8 "	34.925	52.58	50.8	11.1	28.78
WM21-1 1/2 "	38.1	55.8	53.98	11.1	28.78
WM21-1 5/8 "	41.275	62.2	60.33	12.7	35.13
WM21-1 3/4 "	44.45	66	63.5	12.7	35.13
WM21-1 7/8 "	47.625	66.6	66.68	12.7	38.3
WM21-2 "	50.8	73	69.85	12.7	38.3
WM21-2 1/8 "	53.9	73.3	76.2	14.27	43.05
WM21-2 1/4 "	57.1	78.41	79.38	14.27	43.05
WM21-2 3/8 "	60.3	82	82.55	14.27	46.25
WM21-2 1/2 "	63.5	84.87	85.73	14.27	46.25
WM21-2 5/8 "	66.6	88.4	85.73	15.9	49.4
WM21-2 3/4 "	69.8	92.58	88.9	15.9	49.4
WM21-2 7/8 "	73	94.85	95.25	15.9	52.57
WM21-3 "	76.2	101.9	98.43	15.9	52.57



TYPE 2100

主要技术参数：
密封腔压力：≤0.8MPa
线转速：≤10m/Sec
密封腔温度：≤-20℃~150℃
适用介质：水、油及一般弱腐蚀性化工介质

Working Conditions
Pressure: ≤0.8MPa
Speed: ≤10m/Sec
Temperatur: ≤-20℃~150℃
Medium: Water, oil, and weakly-corrosive mediums, etc.



- 静环（ 陶瓷/碳化硅/碳化钨）
- 动环（ 石墨/碳化硅/碳化钨）
- 辅助密封（ 丁腈橡胶/乙丙橡胶/氟橡胶）
- 弹簧及金属件（ 不锈钢）

- Stationary ring(Ceramic/SIC/TC)
- Rotary Ring(Carbon/SIC/TC)
- Secondary seal(NBR/EPDM/VITON)
- Spring & Metal parts(Steel)

型号/规格	d	D	D1	L1	L2
WM210A-3/8 "	9.525	20	22.225	7.9	15.2
WM210A-1/2 "	12.7	24	25.4	7.9	15.2
WM210A-5/8 "	15.875	26	31.75	10.3	15.2
WM210A-3/4 "	19.05	32	34.93	10.3	20.2
WM210A-7/8 "	22.225	36	38.1	10.3	20.2
WM210A-1 "	25.4	39	41.28	11.1	20.2
WM210A-1 1/8 "	28.575	42	44.45	11.1	26.2
WM210A-1 1/4 "	31.75	46	47.63	11.1	26.2
WM210A-1 3/8 "	34.925	49	50.8	11.1	26.2
WM210A-1 1/2 "	38.1	54	53.98	11.1	30.2
WM210A-1 5/8 "	41.275	56	60.33	12.7	30.2
WM210A-1 3/4 "	44.45	61	63.5	12.7	30.2
WM210A-1 7/8 "	47.625	64	66.68	12.7	30.2
WM210A-2 "	50.8	66	69.85	12.7	30.2
WM210A-2 1/8 "	53.975	69	76.2	14.3	30.2
WM210A-2 1/4 "	57.15	77	79.38	14.3	33.2
WM210A-2 3/8 "	60.325	80	82.55	14.3	33.2
WM210A-2 1/2 "	63.5	83	85.73	14.3	33.2
WM210A-2 5/8 "	66.675	88	85.73	15.9	33.2
WM210A-2 3/4 "	69.85	89	88.9	15.9	33.2
WM210A-2 7/8 "	73.025	96	95.25	15.9	33.2
WM210A-3 "	76.2	99	98.425	15.9	40.2
WM210A-3 1/8 "	79.375	103	101.6	19.8	40.2
WM210A-3 1/4 "	82.55	104	104.775	19.8	40.2
WM210A-3 3/8 "	85.725	108	107.95	19.8	40.2
WM210A-3 1/2 "	88.9	112	111.125	19.8	40.2
WM210A-3 5/8 "	92.075	114	114.3	19.8	40.2
WM210A-3 3/4 "	95.25	118	117.475	19.8	40.2
WM210A-3 7/8 "	98.425	122	120.65	19.8	40.2
WM210A-4 "	101.6	124	123.83	19.8	40.2

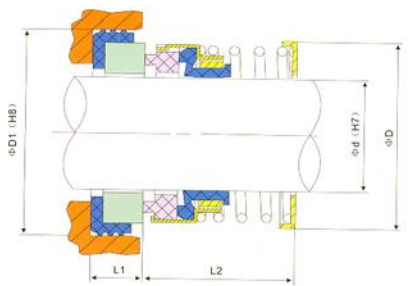
型号/规格	d	D	D1	L1	L2	L3	L4
WM210A-10	10	20	21	5	15.2	27.7	35.2
WM210A-12	12	22	23	6	15.2	26.7	34.2
WM210A-14	14	24	25	6	15.2	29.2	34.2
WM210A-15	15	25	26	6	15.2	29.2	34.2
WM210A-16	16	26	27	6	15.2	29.2	34.2
WM210A-18	18	32	33	6	20.2	31.7	39.2
WM210A-20	20	34	35	6	20.2	31.7	39.2
WM210A-22	22	36	37	6	20.2	31.7	39.2
WM210A-24	24	38	39	6	20.2	34.2	44.2
WM210A-25	25	39	40	6	20.2	34.2	44.2
WM210A-28	28	42	43	6	26.2	36.7	44.2
WM210A-30	30	44	45	7	26.2	35.7	43.2
WM210A-32	32	46	48	7	26.2	35.7	48.2
WM210A-33	33	47	48	7	26.2	35.7	48.2
WM210A-35	35	49	50	8	26.2	34.7	47.2
WM210A-38	38	54	56	8	30.2	37.2	47.2
WM210A-40	40	56	58	8	30.2	37.2	47.2
WM210A-43	43	59	61	8	30.2	37.2	52.2
WM210A-45	45	61	63	8	30.2	37.2	52.2
WM210A-48	48	64	66	10	30.2	35.2	50.2
WM210A-50	50	66	70	10	30.2	37.7	50.2
WM210A-53	53	69	73	10	30.2	37.7	60.2
WM210A-55	55	71	75	10	30.2	37.7	60.2
WM210A-58	58	78	78	10	33.2	42.7	60.2
WM210A-60	60	80	80	12	33.2	40.7	58.2
WM210A-63	63	83	83	12	33.2	40.7	58.2
WM210A-65	65	85	85	12	33.2	40.7	68.2
WM210A-68	68	88	90	12	33.2	40.7	68.2
WM210A-70	70	90	92	12	33.2	48.2	68.2
WM210A-75	75	99	97	12	40.2	48.2	68.2
WM210A-80	80	104	105	14	40.2	47.7	77.7
WM210A-85	85	109	110	14	40.2	47.7	77.7
WM210A-90	90	114	115	14	40.2	52.7	77.7
WM210A-95	95	119	120	14	40.2	52.7	77.7
WM210A-100	100	124	125	14	40.2	52.7	77.7



WM24

主要技术参数：
密封腔压力：≤0.8MPa
线转速：≤10m/Sec
密封腔温度：≤-20℃~150℃
适用介质：水、油及一般弱腐蚀性化工介质

Working Conditions
Pressure: ≤0.8MPa
Speed: ≤10m/Sec
Temperatur: ≤-20℃~150℃
Medium: Water, oil, and weakly-corrosive mediums, etc.



- 静环（ 陶瓷/碳化硅/碳化钨）
- 动环（ 石墨/碳化硅/碳化钨）
- 辅助密封（ 丁腈橡胶/乙丙橡胶/氟橡胶）
- 弹簧及金属件（ 不锈钢）

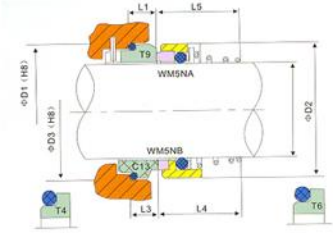
- Stationary ring(Ceramic/SIC/TC)
- Rotary Ring(Carbon/SIC/TC)
- Secondary seal(NBR/EPDM/VITON)
- Spring & Metal parts(Steel)

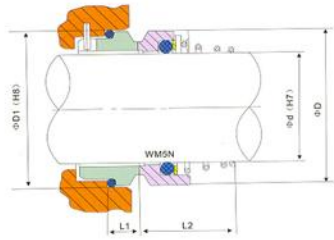
型号/规格	d	D	D1	L1	L2
WM24-12	12	21.7	23	8.6	24.1
WM24-14	14	24.5	25	8.6	26.6
WM24-16	16	26.65	27	8.6	26.6
WM24-18	18	30.35	33	10	27.7
WM24-20	20	33.4	35	10	27.7
WM24-22	22	33.55	37	10	27.7
WM24-24	24	38.3	39	10	30.2
WM24-25	25	39.3	40	10	30.2
WM24-28	28	42.2	43	10	32.7
WM24-30	30	43.95	45	10	32.7
WM24-32	32	45.75	48	10	32.7
WM24-33	33	45.85	48	10	32.7
WM24-35	35	49.1	50	10	32.7
WM24-38	38	52.6	56	11	34.2

型号/规格	d	D	D1	L1	L2
WM24-40	40	55.7	58	11	34.2
WM24-43	43	58.8	61	11	34.2
WM24-45	45	61	63	11	34.2
WM24-48	48	64.2	66	11	34.2
WM24-50	50	66.6	70	13	34.7
WM24-55	55	71.65	75	13	34.7
WM24-58	58	78.4	78	13	39.7
WM24-60	60	78.4	80	13	39.7
WM24-63	63	81.5	83	13	39.7
WM24-65	65	84.3	85	13	39.7
WM24-68	68	89.65	90	15.3	37.4
WM24-70	70	89.65	92	15.3	44.9
WM24-75	72	96.8	97	15.3	44.9



5NA 5NB





- 静环（ 石墨/碳化硅/碳化钨）
- 动环（ 陶瓷/碳化硅/碳化钨）
- 辅助密封（ 丁腈橡胶/乙丙橡胶/氟橡胶）
- 弹簧及金属件（ 不锈钢）
- 静组可选择G9,G4,G6,G13等结构

- Stationary ring(carbon/SIC/TC)
- Rotary Ring(Ceramic/SIC/TC)
- Secondary seal(NBR/EPDM/VITON)
- Spring & Metal parts(Steel)
- G9, G4,G6 and G13 is Also Your Optional

主要技术参数:
主要用于：清水泵、污水泵及化工泵
密封腔温度：＜-20℃~180℃
密封腔压力：＜1MPa
线转速：＜10m/Sec

Working Conditions
Pumps: Water pumps, sewage pumps and chemical pumps, etc.
Temperatur: ＜-20℃~180℃
Pressure: ＜1MPa
Speed: ＜10m/Sec

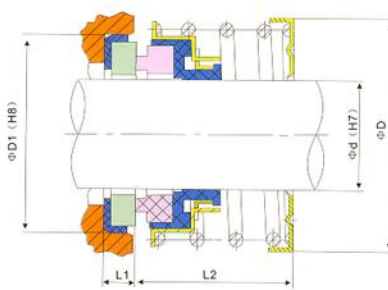
Model	d	D	D1	D2	D3	L1	L2	L3	L4	L5
WM5N-10	10	19	21	20	19.2	10	15.5	7.1		16.9
WM5N-12	12	21	23	22	21.6	10	16	7.6		17.4
WM5N-14	14	23	25	24	24.6	10	16.5	7.6	16.5	17.4
WM5N-16	16	26	27	26	28	10	18	9	16.5	19.5
WM5N-18	18	29	33	31	30	11.5	19.5	10	18	20.5
WM5N-20	20	31	35	34	35	11.5	22	9.5	19	22
WM5N-22	22	33	37	36	35	11.5	21.5	9.5	20.5	23.5
WM5N-24	24	35	39	38	38	11.5	23.5	9.5	22	25
WM5N-25	25	36	40	39	38	11.5	26.5	9.5	23.5	26.5
WM5N-28	28	40	43	42	42	11.5	26.5	11	24.5	26.5
WM5N-30	30	43	45	44	45	11.5	26.5	11	24.5	25
WM5N-32	32	46	48	46	48	11.5	28.5	11	28	28.5
WM5N-33	33	47	48	47		11.5	28.5			
WM5N-35	35	49	50	49	52	11.5	28.5	11.5	28	28.5
WM5N-38	38	53	56	54	55	14	33.5	11.5	31	32.2
WM5N-40	40	56	58	56	58	14	36	11.5	34	34.7
WM5N-43	43	59	61	59		14	38.5			
WM5N-45	45	61	63	61	64	14	39.5	14.3	36.5	39.2
WM5N-48	48	64	66	64	68.4	14	46	14.3	42	44.7
WM5N-50	50	66	70	66	69.3	15	45	14.3	43	45.7
WM5N-53	53	69	73	69		15	47			
WM5N-55	55	71	75	71	75.4	15	49	15.3	47	49
WM5N-58	58	76	78	78	78.4	15	55	15.3	50	52
WM5N-60	60	78	80	79	80.4	15	55	15.3	51	55
WM5N-63	63	83	83	83		15	55			
WM5N-65	65	84	85	85	85.4	15	55	15.3	52	54.3
WM5N-68	68	88	90	88	91.5	18	55	16	52.7	55.3
WM5N-70	70	90	92	90	92	18	57	15.3	54	56.3
WM5N-75	75	98	97	98	99	18	62	15.3	54	56.3
WM5N-80	80	100	105	103	104	18.2	61.8	16.3	58	59.3



WM80

主要技术参数：
密封腔压力：≤0.8MPa
线转速：≤10m/Sec
密封腔温度：≤-20℃~110℃
主要用于：普通的多级深井泵、潜水泵

Working Conditions
Pressure: ≤0.8MPa
Speed: ≤10m/Sec
Temperatur: ≤-20℃~110℃
Pumps: Submersible pumps and common multi-stage deep well pumps.



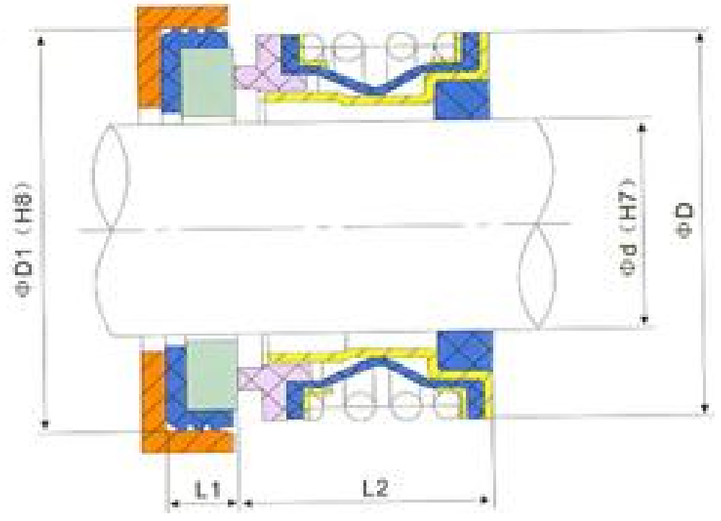
- 静环（ 陶瓷/碳化硅/碳化钨）
- 动环（ 石墨/碳化硅/碳化钨）
- 辅助密封（ 丁腈橡胶/乙丙橡胶/氟橡胶）
- 弹簧及金属件（ 不锈钢）

- Stationary ring(Ceramic/SIC/TC)
- Rotary Ring(Carbon/SIC/TC)
- Secondary seal(NBR/EPDM/VITON)
- Spring & Metal parts(Steel)

型号/规格	d	D	D1	L1	L2
WM80-15	15	31.5	29.5	8	18/24
WM80-16	16	31.5	29.5	8	18/24
WM80-20	20	37	35	5	15
WM80-25	25	44.2	40	5.5	16.5
WM80-30	30	48.6	45	6	18
WM80-35	35	54	50	6.5	19.5
WM80-40	40	60.4	58	7.5	20.5



TSE



型号/规格	d	D	D1	L1	L2
WME-3/8 " A	9.53	23.8	22.23	6.35	16.08
WME-3/8 "	9.53	26.97	25.4	7.93	16.86
WME-1/2 " A	12.7	26.97	25.4	6.35	16.86
WME-1/2 "	12.7	26.97	25.4	7.93	16.86
WME-5/8 "	15.88	30.94	31.75	10.31	18.44
WME-3/4 "	19.05	34.11	34.93	10.31	18.44
WME-7/8 "	22.23	42.85	41.28	11.1	20.82
WME-1 "	25.4	42.85	41.28	11.1	20.82

主要技术参数：
密封腔压力：＜0.5MPa
线转速：＜12m/Sec
密封腔温度：＜-20℃~200℃
适用介质：水、油及一般弱腐蚀性化工介质

Working Conditions
Pressure: ＜0.5MPa
Speed: ＜12m/Sec
Temperatur: ＜-20℃~200℃
Medium: Water, oil, and weakly-corros
mediums, etc.

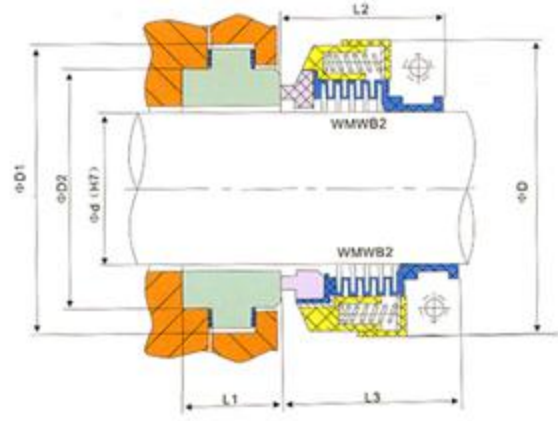
- 静环（ 陶瓷/碳化硅/碳化钨）
- 动环（ 石墨/碳化硅/碳化钨）
- 辅助密封（ 丁腈橡胶/乙丙橡胶/氟橡胶）
- 弹簧及金属件（ 不锈钢）

- Stationary ring(Ceramic/SIC/TC)
- Rotary Ring(Carbon/SIC/TC)
- Secondary seal(NBR/EPDM/VITON)
- Spring & Metal parts(Steel)



主要技术参数:
密封腔压力: ≤0.5MPa
线转速: ≤10m/Sec
密封腔温度: ≤120℃
适用介质: 各种浓度的硫酸、盐酸、硝酸、醋酸、稀硝酸等强腐蚀性化工介质

Working Conditions
Pressure: ≤0.5MPa
Speed: ≤10m/Sec
Temperatur: ≤120℃
Medium: Sulfuric acid, hydrochloric acid, phosphoric acid, acetic acid, and with various degrees, etc.



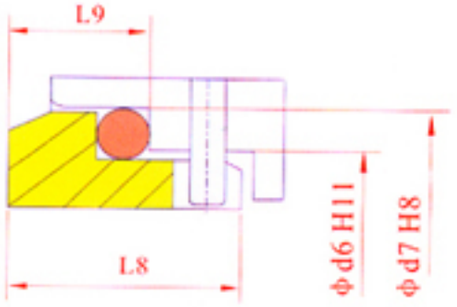
- 静环(陶瓷/碳化硅)
- 动环(填充聚四氟乙烯/碳化钨)
- 辅助密封(聚四氟乙烯)
- 弹簧及金属件(不锈钢)

- Stationary ring(Ceramic/SIC)
- Rotary Ring(Teflon/SIC)
- Secondary seal(Teflon)
- Spring & Metal parts(Steel)

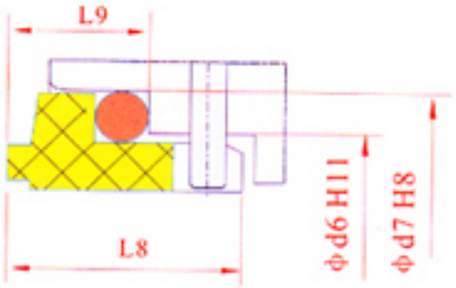
型号/规格	d	D	D1	D2	L1	L2	L3
WMWB2-1 "	25.4	60	54	42.86	17.5	42	45
WMWB2-1 1/8 "	28.6	67	60	46.03	27	42	45
WMWB2-1 1/4 "	31.75	69	65	50.8	27	42	45
WMWB2-1 3/8 "	34.93	72	68	53.98	27	42	45
WMWB2-1 1/2 "	38.1	76	71	57.15	27	42	45
WMWB2-1 5/8 "	41.28	80	78	63.5	27	42	45
WMWB2-1 3/4 "	44.45	84	81	66.68	27	44	46
WMWB2-1 7/8 "	47.63	86	84	69.85	27	44	46
WMWB2-2 "	50.8	90	87	73.03	27	46	46
WMWB2-2 1/8 "	53.98	95	97	79.38	33.5	46	46
WMWB2-2 1/4 "	57.15	98	100	82.55	33.5	46	46
WMWB2-2 3/8 "	60.3	100	103	85.73	33.5	46	46

型号/规格	d	D	D1	D2	L1	L2	L3
WMWB2-25	25	60	60	47	27	42	45
WMWB2-30	30	67	67	53	27	42	45
WMWB2-32	32	69	64	50.7	27	42	45
WMWB2-35	35	72	70	57	27	42	45
WMWB2-40	40	78	76	62	26	42	45
WMWB2-45	45	84	82	67	27	44	46
WMWB2-50	50	88	86	72	27	46	46
WMWB2-55	55	95	90	77	27	46	46
WMWB2-60	60	100	95	82	27	46	46
WMWB2-65	65	105	100	87	27	46	46

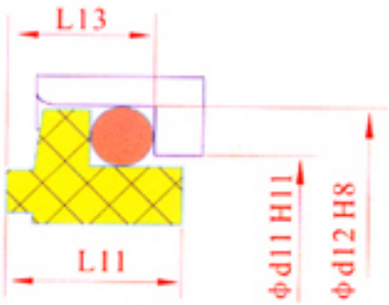
Stationary Seats



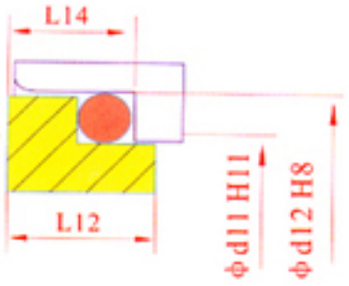
G9/DIN24960



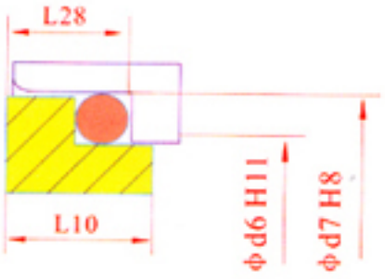
G9/DIN24960(Carbon)



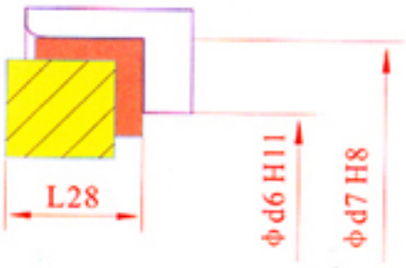
G13/DIN24250



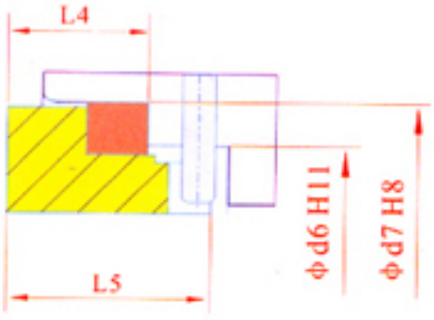
G4/ DIN24250



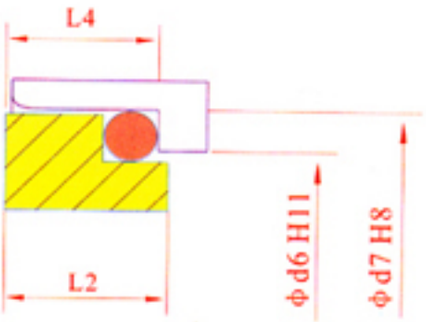
G6/DIN24960



G60/DIN24960



BP/DIN24960



BO/DIN24960

Besides the Stationary seats Listed above, Our company also provide following stationary seats or manufacture as per clients' drawing or sample



TYPE 4



V



G15



B



C