

企业简介 \

Brief Introduction

宁波市鄞州民栋密封件厂创建于1992年，是一家集工贸于一体的现代化企业。厂址座落于宁波国际机场旁，紧靠34省道，交通十分便捷。现拥有厂房面积12000平方米，固定资产5000多万元，员工100多人，可专业从事设计、开发、制造、销售各类机械密封件及配件，产品广泛应用于石油、化工、航空、机械、冶金、印染、食品、制药、汽车等领域。是国内规模较大的机械密封件生产基地之一。

本厂以雄厚的生产技术力量，以及先进齐全的检测设备，长期以来本着以优质的产品、良好的服务和极具竞争力的价格，产品远销欧美、东南亚、中东等30多个国家和地区，深受国内外客商青睐。

公司宗旨--为您提供精密、优质、平价的产品，专业、准确、迅速的服务，让您的设备永转不息，滴水不漏。

总经理张岳文携全体员工热忱欢迎国内外新老客户来我厂洽谈业务，共图发展。

Ningbo Yinzhou Mindong mechanical seal Factory is a combination of production and trade enterprise since 1992. We are located nearby Lishe Ningbo Airport and close to the No.34 Provincial Highway, with very convenient traffic facilities. Now our enterprise owns a total capital of 50 million RMB, including 12,000 square meters of construction area. We have 100 staffs, who are specialized in production all types of pump kit machinery sealing elements and sealing auxiliary materials (alumina ceramics, carbon-graphite, rubber parts, and precision punching elements, etc.). The products are widely applied to chemical industry, machinery, metallurgy, pharmacy, and cars, etc. Now we are one of the largest scale mechanical seals bases in our country.

Our enterprise has strong technical power, and complete testing facilities. For long term, our factory has adhered to quality products, best service and competitive price. Our products are far sold to 30 areas of the Europe, U.S.A., the Middle East and the Southeast Asia. They are well received by customers both at domestic and abroad.

We handle each order with sincerity and responsibility. We continues provide our complete service from high quality, economic, suitable products and professional, exact, promote spirit to exceed customer's expectation.

Mr. Zhang yuewen, the director, hopes that clients will come and establish business relation with Ningbo Mindong for future development.

汽车冷却泵用密封件
Auto Cooling Pump Seal

A

目录 Catalog

 WM F	 WM FB	 WM FB(INCH)	 WM FBWE	 WM FBM
 WM FW	 WM FBW	 WM FBU	 WM FBS	 WM FBMT
 WM FG	 WM FH	 WM FK	 WM FT/SB	 WM FTK
 WM FTS	 WM FL	 WM TB	 WM K	 WM XP
 WM T	 IMPELLER	 ALL KINDS OF REPAIR KITS		

机械密封件
Mechanical Seal

B

请见B样本
Please See Product Catalog B

目录
Catalog

 1	 2	 3	 4	 5	 6
WM101	WM102	WM103	WM104	WM108	WM155/155B
 7	 8	 9	 10	 11	 12
WM156	WM166/E	WM166T	WM70	WM202	WM208
 13	 14	 15	 16	 17	 18
WM560D	WMT1	WMT2	WMFBD	WM560A. B	WMBIA
 19	 20	 21	 22	 23	 24
WM20	WM21	WM24	WM301	WM960	WM2100
 25-26	 27	 28	 29	 30	 31
WMG1/G12/G13/GS20	WMMG912(INCH)	WMMG912(METRIC)	WM103U	WM103B	WM104U
 32	 33	 34	 35	 36	 37
WM104B	WM105U	WM105B	WM1527	WM250	WMM3

机械密封件
Mechanical Seal

B

请见B样本
Please See Product Catalog B

目录
Catalog

 38	 39	 40	 41	 42	 43
WM551	WMH12N	WM58U 59U	WM58B 59B	WMHJ92N	WM8U8T
 44	 45	 46	 47	 48	 49
WM9U9T	WM502	WMM7N M74N	WMH7N H75N	WMM74D	WM152
 50	 51	 52	 53	 54	 55
WMWB2	WM10T	WM50D	WM5ED	WM47D	WMX
 56	 57	 58	 59	 60	 61
WMXE	WMXC-35/XC45	WMXA	WM785	WM780	WMGLF-1
 61	 61	 61			
WMGLF-2	WMGLF-3	WMGLF-5			



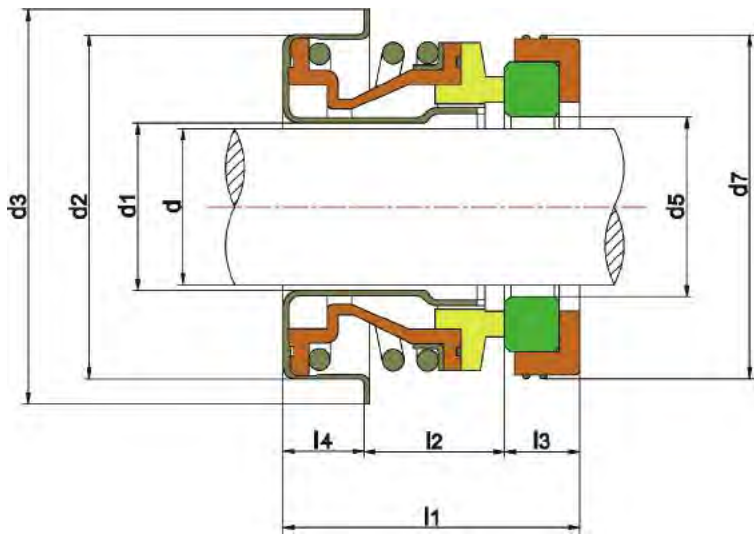
WM F

技术参数：

压力: $\leq 0.3\text{MPa}$
转速: $\leq 5000\text{r/min}$
温度: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
介质: 清水、海水、内燃机防冻液

Operating Limits

Pressure: $\leq 0.3\text{MPa}$
Rotary Speed: $\leq 5000\text{r/min}$
Temperature: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
Medium: Clean water, seawater, gas engine antifreeze



- 动环(陶瓷/碳化硅)
- 静环(热压石墨/车制石墨/碳化硅)
- 辅助密封(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)
- 弹簧及金属件(不锈钢)

- Rotary Ring(Ceramic/SiC)
- Stationary Ring(Plastic Carbon/Carbon/SiC)
- Secondary Seal (nbr/Epdm/Hnbr/VITON)
- Spring & Other Parts (Sus304/Sus316)

Model	d (Inch)	d1	d2	d3	d5	d7	l1	l2	l3	l4
WMF-1/2"	12.700	14.2	30	35	13.5	25.4	19.2	5	6.2	8
WMF-5/8"	15.875	18.2	36.5	41.5	17.5	31.75	25	6.7	10.3	8
WMF-3/4"	19.050	21.2	40	43.8	20	34.925	25.8	5.5	10.3	10
WMF-1"	25.400	26.4	47	51	27	41.275	29	5.9	11.1	12
Model	d (mm)	d1	d2	d3	d5	d7	l1	l2	l3	l4
WMF-10	10	11	24	29	12	23	17	6	4	7
WMF-12S	12	14.2	28.57	32	14	25	18.2	5.2	5	8
WMF-12M	12	14.2	30	35	15	24/23	18	5	5	8
WMF-12L	12	14.2	33.3	38	14	25	18	6.3	5	6.7
WMF-16	16	18.2	36.5	41.5	18	31	19.8	6.8	5	8
WMF-16L	16	18.2	38.1	43.5	18	31	19.8	6	5	8.8
WMF-16LD	16	18.2	38.1	43.5	18	31	19.8	6	5	8.8
WMF-20S	20	21.2	38	43.8	21	35	20.5	5.5	5	10
WMF-20	20	21.2	40	43.8	21	35	20.5	5.5	5	10
WMF-25S	25	26.4	46	51	26	44	25	8	7	10
WMF-25	25	26.4	47	51	26	44	25	6	7	12
WMF-25L	25	26.4	52	57	27	48	25	6	7	12
WMF-30	30	31	52	57	32	48	27	8	8	11



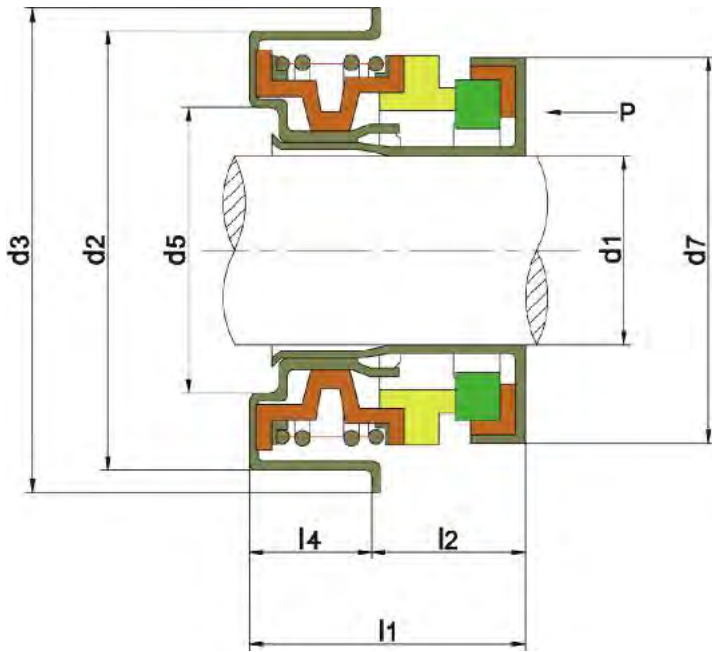
WM FB

技术参数：

压力: $\leq 0.3\text{MPa}$
转速: $\leq 9000\text{r/min}$
温度: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
介质: 清水、海水、内燃机防冻液

Operating Limits

Pressure: $\leq 0.3\text{MPa}$
Rotary Speed: $\leq 9000\text{r/min}$
Temperature: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
Medium: Clean water, seawater, gas engine antifreeze



- 动环(陶瓷/碳化硅)
- 静环(热压石墨/车制石墨/碳化硅)
- 辅助密封(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)
- 弹簧及金属件(不锈钢)

- Rotary Ring(Ceramic/SiC)
- Stationary Ring(Plastic Carbon/Carbon/SiC)
- Secondary Seal (nbr/Epdm/Hnbr/VITON)
- Spring & Other Parts (Sus304/Sus316)

Model	d1 (mm)	d2	d3	d5	d7	l1	l2	l4
WMFB-12S	12	28.57	32.0	18.5	25/26	18.2	10.2	8
WMFB-12M	12	30.0	35.0	18.5	25/26	18.2	10.2	8
WMFB-12L	12	33.3	38.0	18.5	25/26	18.2	11.5	6.7
WMFB-13	13	30	35.0	18.5	25	18	10	8
WMFB-15	15	36.5	41.5	22.5	30.5	20.5	12	8.5
WMFB-16	16	36.5	41.5	22.5	30.5	20.5	12	8.5
WMFB-16B	16	36.5	41.5	22.5	28	20	12	8.5
WMFB-16T	16	36.5	41.5	19.3	31.5	20.5	11.5	9
WMFB-16L	16	38.1	43.5	22.5	30.5	20.5	11.7	8.8
WMFB-16LD	16	38.1	43.5	22.5	28.5	20.5	11.7	8.8
WMFB-20	20	38/40	43.8	26.5	37	22	12.5	9.5
WMFB-20T	20	40.0	43.8	28	37	22	12.5	9.5



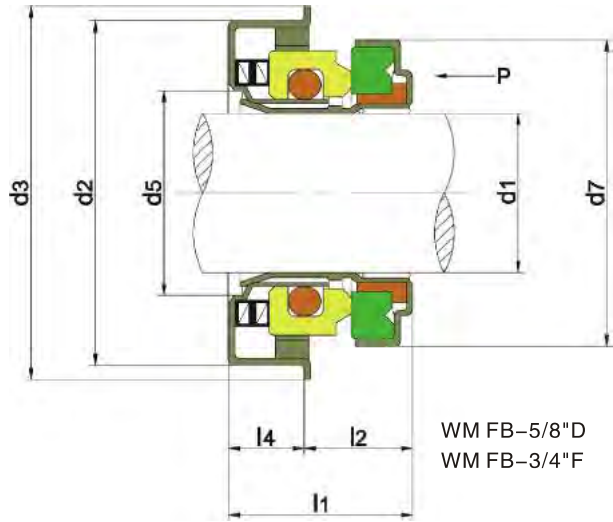
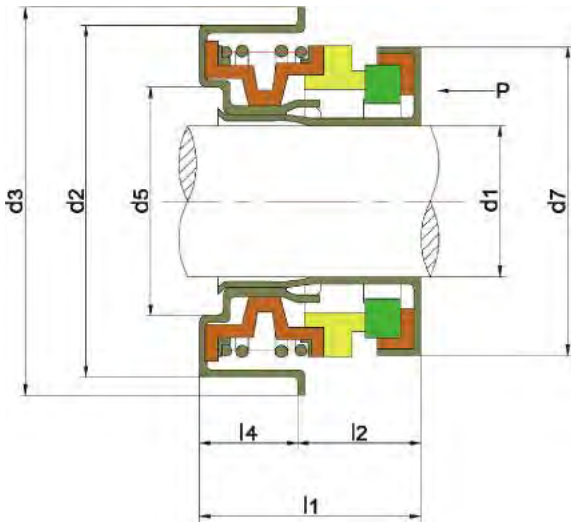
WM FB(INCH)

技术参数:

压力: $\leq 0.3\text{MPa}$
转速: $\leq 9000\text{r/min}$
温度: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
介质: 清水、海水、内燃机防冻液

Operating Limits

Pressure: $\leq 0.3\text{MPa}$
Rotary Speed: $\leq 9000\text{r/min}$
Temperature: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
Medium: Clean water, seawater, gas engine antifreeze



- 动环(陶瓷/碳化硅)
- 静环(热压石墨/车制石墨/碳化硅)
- 辅助密封(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)
- 弹簧及金属件(不锈钢/紫铜)

- Rotary Ring(Ceramic/SiC)
- Stationary Ring(Plastic Carbon/Carbon/SiC)
- Secondary Seal (nbr/Epdm/Hnbr/VITON)
- Spring & Other Parts (Sus304/Sus316/Red Cooper)

Model	d1 (mm)	d2	d3	d5	d7	l1	l2	l4
WMFB-16 E	16	36.5	41.5	22.5	28	20.5	12	8.5
Model	d1(Inch)	d2	d3	d5	d7	l1	l2	l4
WMFB-1/2"S	12.7	28.57	32	18.5	25	17.5	9.5	8
WMFB-1/2"M	12.7	30	35	18.5	25	17.5	9.5	8
WMFB-5/8"	15.875	36.5	41.5	22.5	30.5	20.5	12	8.5
WMFB-3/4"	19	40	43.8	26.5	37	22	12.5	9.5
WMFB-5/8"A	15.875	36.5	41.5	22	29	20	11.5	8.5
WMFB-5/8"B	15.875	36.5	41.8	22	28	21	12.5	8.5
WMFB-5/8"D	15.875	36.5	41	20.8	32	20	11	9
WMFB-3/4"B	19.05	40	43.8	23	35.8	22	12.8	9.2
WMFB-3/4"C	19.05	40	43.8	23	34	22	12.8	9.2
WMFB-3/4"D	19.05	40	44	22	36.5	19.5	10.9	8.6
WMFB-3/4"F	19.05	40	43.8	24.2	36	20	11.1	8.9
WMFB-1"A	25.4	50.8	55.6	30.2	42.3	28	15.2	12.8



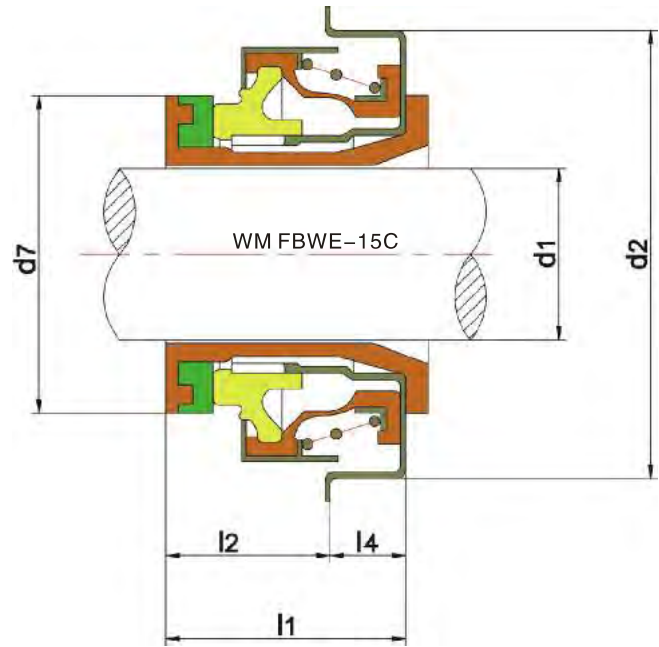
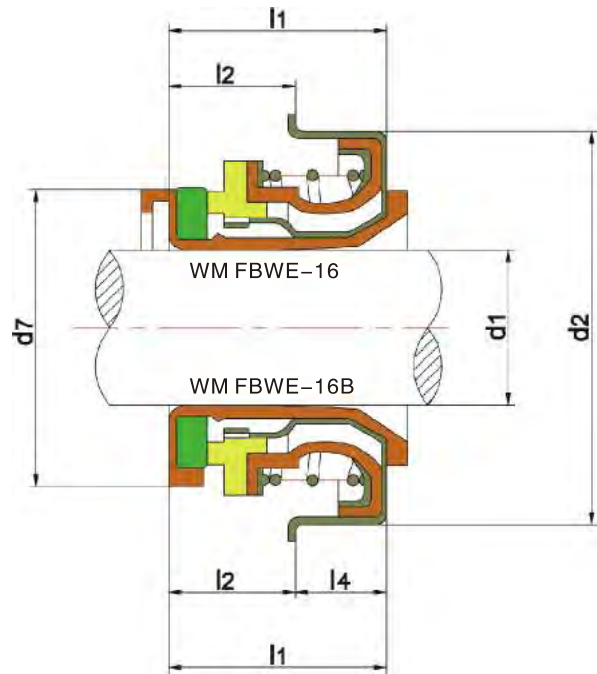
WM FBWE

技术参数:

压力: $\leq 0.3\text{MPa}$
转速: $\leq 7000\text{r/min}$
温度: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
介质: 清水、海水、内燃机防冻液

Operating Limits

Pressure: $\leq 0.3\text{MPa}$
Rotary Speed: $\leq 7000\text{r/min}$
Temperature: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
Medium: Clean water, seawater, gas engine antifreeze



- 动环(陶瓷/碳化硅)
- 静环(热压石墨/车制石墨/碳化硅)
- 弹簧(不锈钢)
- 轴套(丁腈胶/氢化丁腈胶/氟胶)
- 静环座(黄铜/不锈钢)
- 波纹管(丁腈胶/氢化丁腈胶/氟胶)
- 弹簧座(黄铜/不锈钢)
- 压圈(黄铜/不锈钢)

- Rotary Ring (Ceramic/SiC)
- Stationary Ring (Plastic Carbon/Carbon/SiC)
- Spring (SUS304/SUS316)
- Axial Pipe (NBR/HNBR/VITON)
- Stationary Seat (Brass/SUS304)
- Bellows (nbr/HNBR/viton)
- Spring Holder (Brass/SUS304)
- Drive Ring (Brass/SUS304)

Model	d1 (mm)	d2	d7	l1	l2	l4
WMFBWE-16	16	36.5	28.65	19.5	12	7.5
WMFBWE-16B	16	36.5	31.5	19.5	11.5	8
WMFBWE-15C	15	36.5	28.5	18.5	11.5	7
WMFBWE-16D	16	36.5	27	19.9	12.4	7.5



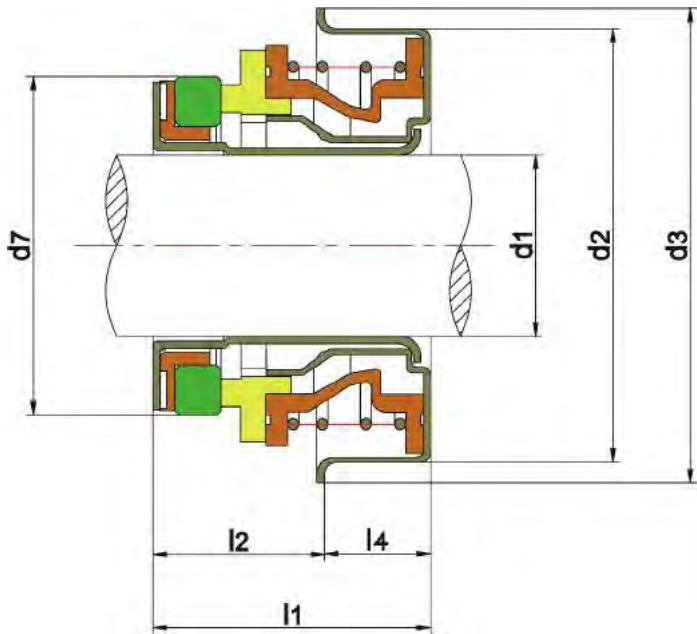
WM FBM

技术参数:

压力: $\leq 0.3\text{MPa}$
转速: $\leq 9000\text{r/min}$
温度: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
介质: 清水、海水、内燃机防冻液

Operating Limits

Pressure: $\leq 0.3\text{MPa}$
Rotary Speed: $\leq 9000\text{r/min}$
Temperature: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
Medium: Clean water, seawater, gas engine antifreeze



- 动环(陶瓷/碳化硅)
- 静环(热压石墨/车制石墨/碳化硅)
- 弹簧(锰钢/不锈钢)
- 轴套(不锈钢)
- 静环座(不锈钢)
- 波纹管(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)
- 动环套(丁腈胶/三元乙丙胶/氟胶)

- Rotary Ring (Ceramic/SiC)
- Stationary Ring (Plastic Carbon/Carbon/SiC)
- Spring (65Mn/SUS304/SUS316)
- Axial Pipe (SUS304/SUS316)
- Stationary Seat (SUS304/SUS316)
- Bellows (nbr/EPDM/hnbr/VITON)
- Cup Gasket (NBR/EPDM/VITON)

Model	d1 (mm)	d2	d3	d7	l1	l2	l4
WMFBM-12S	12	28.57	32	24	18.5	10.5	8
WMFBM-12M	12	30	35	24	18.5	10.5	8
WMFBM-12L	12	33.4	38	24	18.5	11.8	6.7
WMFBM-16	16	36.5	41.6	26	20.5	12	8.5
WMFBM-16L	16	38.1	43.5	26	20.5	11.7	8.8
WMFBM-16LX	16	39.3	43.6	26	20	11.3	8.7
WMFBM-20	20	40	43.8	29.5	21.5	12	9.5



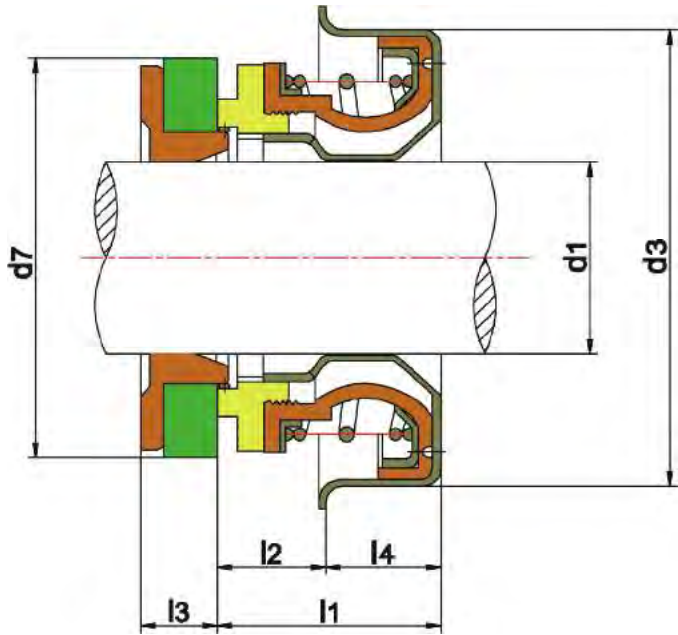
WM FW

技术参数:

压力: $\leq 0.3\text{MPa}$
转速: $\leq 5000\text{r/min}$
温度: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
介质: 清水、海水、内燃机防冻液

Operating Limits

Pressure: $\leq 0.3\text{MPa}$
Rotary Speed: $\leq 5000\text{r/min}$
Temperature: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
Medium: Clean water, seawater, gas engine antifreeze



- 动环(陶瓷/碳化硅)
- 静环(热压石墨/车制石墨/碳化硅)
- 弹簧(锰钢/不锈钢)
- 静环座(不锈钢)
- 压圈(不锈钢)
- 波纹管(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)
- 弹簧座(不锈钢)
- 动环套(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)

- Rotary Ring (Ceramic/SiC)
- Stationary Ring (Plastic Carbon/Carbon/SiC)
- Spring (65Mn/SUS304/SUS316)
- Stationary Seat (SUS304/SUS316)
- Drive Ring (SUS304/SUS316)
- Bellows (nbr/EPDM/HNBR/VITON)
- Spring Retainer (SUS304/SUS316)
- Cup Gasket (NBR/EPDM/HNBR/VITON)

Model	d1 (mm)	d3	d7	l1	l2	l3	l4
WMFW-12	12	30	24	14.5	6.5	5	8
WMFW-15	15	36.5	28.4	15.7	7.7	5	8
WMFW-16	16	36.5	28.4	15.7	7.7	5	8
WMFW-16L	16	38.1	28.4	15.7	7	5	8.7
WMFW-19	19	40	34	17.5	6.5	6	11
WMFW-20	20	40	34	17.5	6.5	6	11



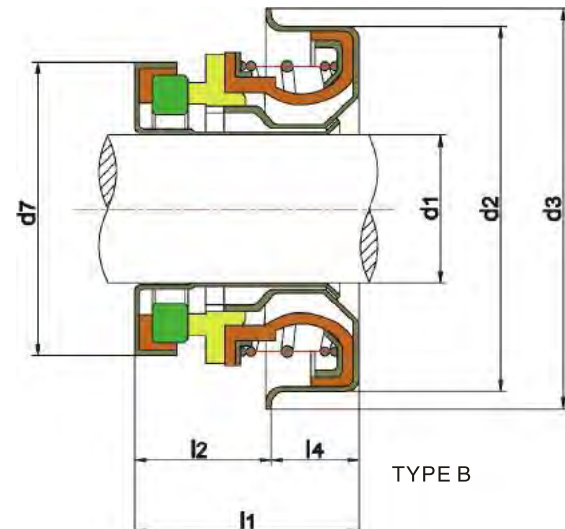
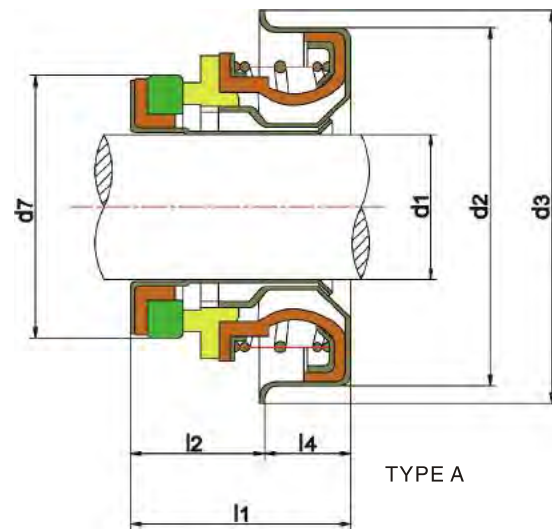
WM FBW

技术参数:

压力: $\leq 0.3\text{MPa}$
转速: $\leq 9000\text{r/min}$
温度: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
介质: 清水、海水、内燃机防冻液

Operating Limits

Pressure: $\leq 0.3\text{MPa}$
Rotary Speed: $\leq 9000\text{r/min}$
Temperature: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
Medium: Clean water, seawater, gas engine antifreeze



- 动环(陶瓷/碳化硅)
- 静环(热压石墨/车制石墨/碳化硅)
- 弹簧(锰钢/不锈钢)
- 轴套(不锈钢)
- 静环座(不锈钢)
- 波纹管(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)

- Rotary Ring (Ceramic/SiC)
- Stationary Ring (Plastic Carbon/Carbon/SiC)
- Spring (65Mn/SUS304/SUS316)
- Axial Pipe (SUS304/SUS316)
- Stationary Seat (SUS304/SUS316)
- Bellows (nbr/EPDM/hnbr/VITON)

Model	d1(mm)	d2	d3	d7	l2	l4	TYPE
WMFBW-10	10	30	35	23.5	13	8	B
WMFBW-12C	12	30	35	28.5	14.7	7	B
WMFBW-12M	12	30	35	24	20	8	A
WMFBW-15	15	36.5	41	29	19.9	8	A
WMFBW-15A	15	36.5	41	32.5	19.3	8	B
WMFBW-16	16	36.5	41	29	19.9	8	A
WMFBW-16B	16	36.5	41	32.5	19.4	8.2	B
WMFBW-16C	16	36.5	41	30.5	20.1	8.7	B
WMFBW-16L	16	38.1	43.6	29	19.8	8.5	A
WMFBW-20	20	40	43.8	34	20	9.5	A
Model	d1 (Inch)	d2	d3	d7	l2	l4	TYPE
WMFBW-1/2"A	12.7	30	35	28.5	14.7	7	B
WMFBW-1/2"C	12.7	30	35	24.8	17.5	9.5	B



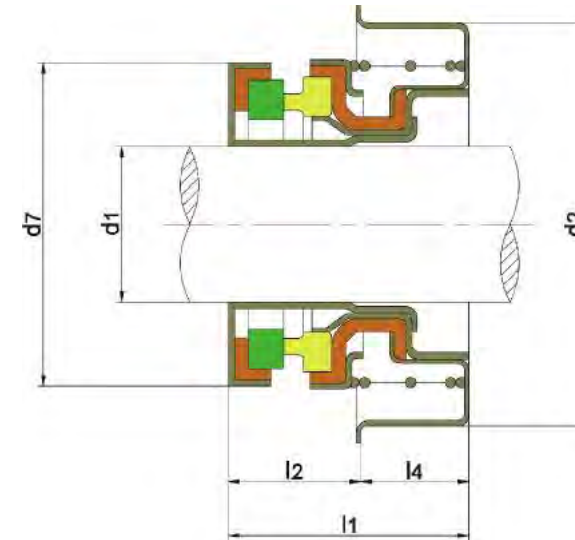
WM FBU

技术参数:

压力: $\leq 0.3\text{MPa}$
转速: $\leq 7000\text{r/min}$
温度: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
介质: 清水、海水、内燃机防冻液

Operating Limits

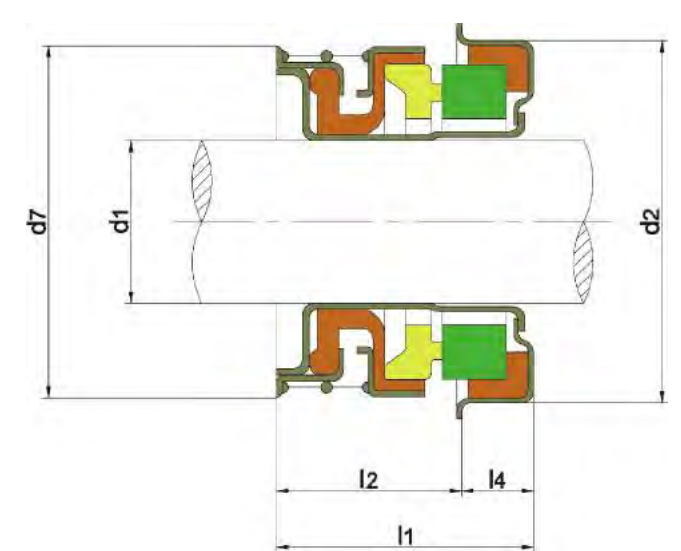
Pressure: $\leq 0.3\text{MPa}$
Rotary Speed: $\leq 7000\text{r/min}$
Temperature: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
Medium: Clean water, seawater, gas engine antifreeze



WM FBU-15/16

- 动环(陶瓷/碳化硅)
- 静环(热压石墨/车制石墨/碳化硅)
- 弹簧(锰钢/不锈钢)
- 轴套(不锈钢)
- 静环座(不锈钢)
- 压圈(不锈钢)
- 波纹管(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)
- 弹簧座(不锈钢)
- 动环套(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)

Model	d1 (mm)	d2	d7	l1	l2	l4
WMFBU-15	15	36.5	32.5	20.8	11.3	9.5
WMFBU-16S	16	36.5	28/28.5	21	11.5	9.5
WMFBU-16L	16	36.5	32.5	20.8	11.3	9.5
WMFBU-25	25	41.3	40.8	30	21.2	8.8



WM FBU-25

- Rotary Ring (Ceramic/SiC)
- Stationary Ring (Plastic Carbon/Carbon/SiC)
- Spring (65Mn/SUS304/SUS316)
- Axial Pipe (SUS304/SUS316)
- Stationary Seat (SUS304/SUS316)
- Drive Ring (SUS304/SUS316)
- Bellows (nbr/EPDM/HNBR/VITON)
- Spring Holder (SUS304/SUS316)
- Cup Gasket (NBR/EPDM/HNBR/VITON)



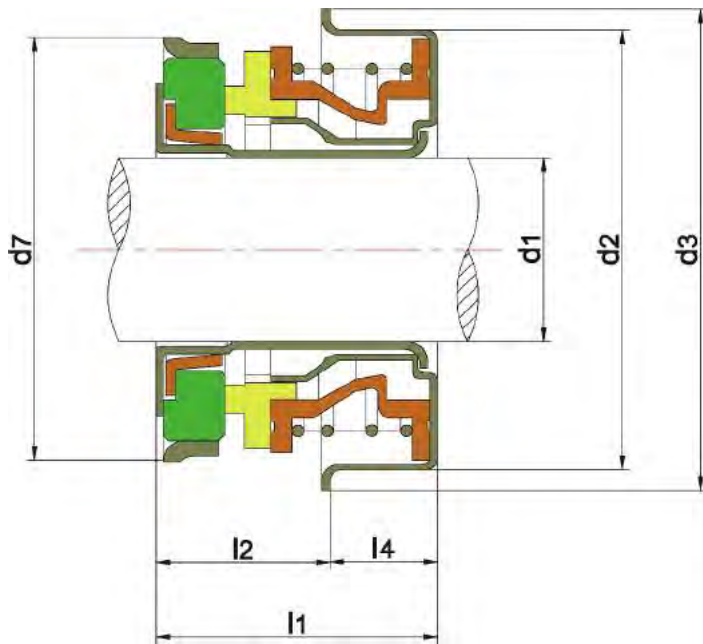
WM FBS

技术参数:

压力: $\leq 0.3\text{MPa}$
转速: $\leq 6800\text{r/min}$
温度: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
介质: 清水、海水、内燃机防冻液

Operating Limits

Pressure: $\leq 0.3\text{MPa}$
Rotary Speed: $\leq 6800\text{r/min}$
Temperature: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
Medium: Clean water, seawater, gas engine antifreeze



- 动环(陶瓷/碳化硅)
- 静环(热压石墨/车制石墨/碳化硅)
- 弹簧(锰钢/不锈钢)
- 轴套(不锈钢)
- 静环座(不锈钢)
- 波纹管(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)
- 动环外套(不锈钢)
- 动环内套(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)

- Rotary Ring (Ceramic/SiC)
- Stationary Ring (Plastic Carbon/Carbon/SiC)
- Spring (65Mn/SUS304/SUS316)
- Axial Pipe (SUS304/SUS316)
- Stationary Seat (SUS304/SUS316)
- Bellows (nbr/EPDM/HNBR/VITON)
- Outside Cup Gasket (SUS304/SUS316)
- Inside Cup Gasket (nbr/EPDM/HNBR/VITON)

Model	d1 (mm)	d2	d3	d7	l1	l2	l4
WMFBS-16S	16	34.2	38.8	30.6	18	12.4	5.6
WMFBS-16M	16	36.5	41.6	30.6	20.5	12	8.5
WMFBS-16L	16	38.1	43.5	30.6	20.5	11.8	8.7
Model	d1(Inch)	d2	d3	d7	l1	l2	l4
WMFBS-1/2"L	12.7	33.3	38.1	27.5	18	9.3	8.7



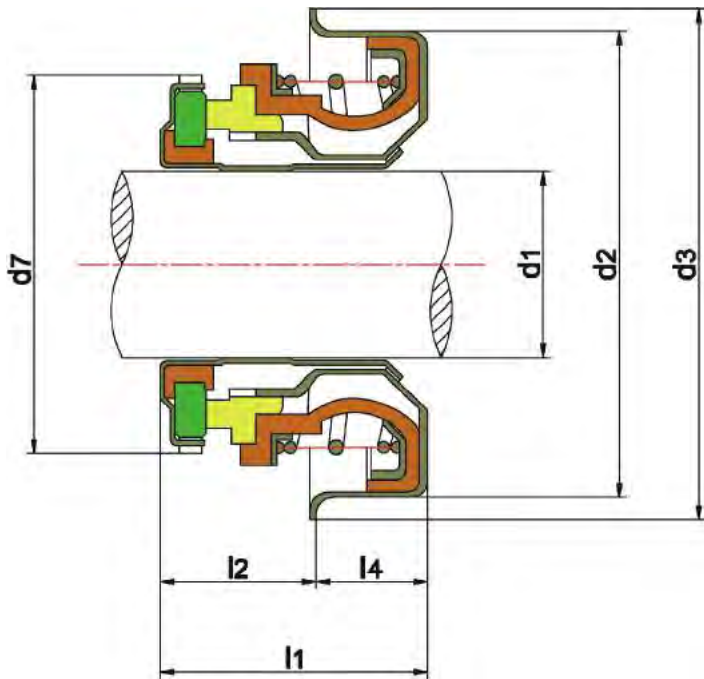
WM FBMT

技术参数:

压力: $\leq 0.3\text{MPa}$
转速: $\leq 9000\text{r/min}$
温度: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
介质: 清水、海水、内燃机防冻液

Operating Limits

Pressure: $\leq 0.3\text{MPa}$
Rotary Speed: $\leq 9000\text{r/min}$
Temperature: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
Medium: Clean water, seawater, gas engine antifreeze



- 动环(陶瓷/碳化硅)
- 静环(热压石墨/车制石墨/碳化硅)
- 弹簧(不锈钢)
- 静环座(不锈钢/紫铜)
- 压圈A(不锈钢)
- 压圈B(不锈钢)
- 波纹管(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)
- 动环套(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)
- 轴套(不锈钢)

- Rotary Ring (Ceramic/SiC)
- Stationary Ring (Plastic Carbon/Carbon/SiC)
- Spring (SUS304/SUS316)
- Stationary Seat (SUS304/SUS316/Red Cooper)
- Drive Ring A (SUS304/SUS316)
- Drive Ring B (SUS304/SUS316)
- Bellows (nbr/EPDM/HNBR/VITON)
- Cup Gasket (NBR/EPDM/HNBR/VITON)
- Axial Pipe (SUS304/SUS316)

Model	d1(mm)	d2	d3	d7	l1	l2	l4
WMFBMT-12	12	30	35	26.5	17.6	9.6	8
WMFBMT-12A	12	30	34	26.5	16.9	9.3	7.6
WMFBMT-15	15	36.5	40	31.2	18.5	10.5	8
WMFBMT-15A	15	36.5	42	31.2	18	10	8
Model	d1(Inch)	d2	d3	d7	l1	l2	l4
WMFBMT-5/8"	15.875	36.5	40	31.2	18.5	10.5	8
WMFBMT-5/8"A	15.875	36.5	42	31.2	18	10	8



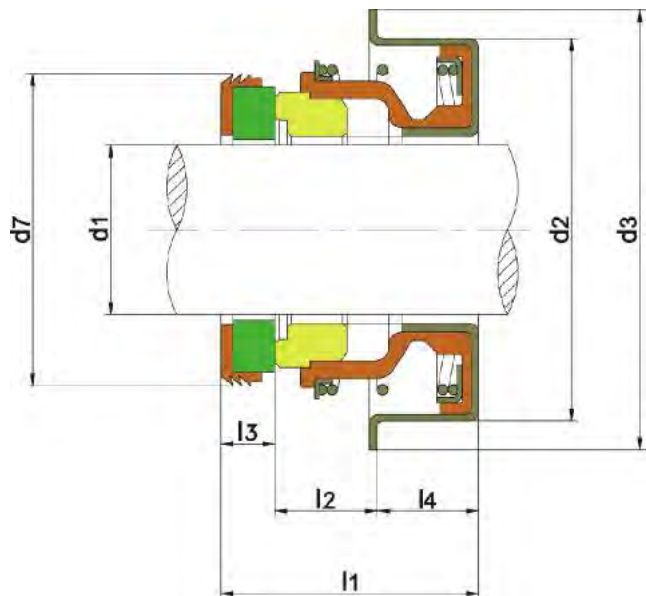
WM FG

技术参数:

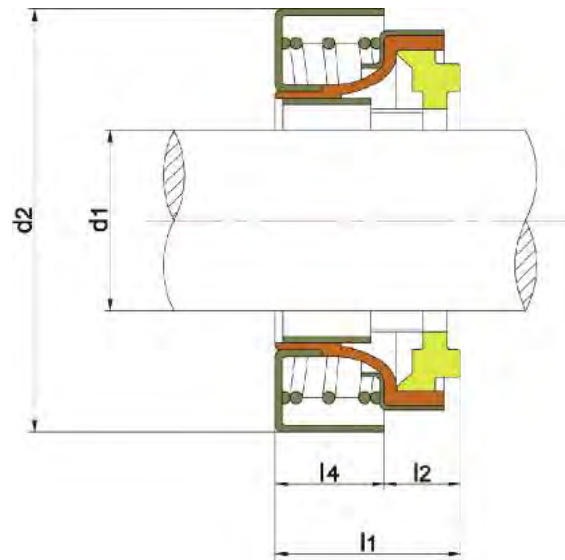
压力: $\leq 0.3\text{MPa}$
转速: $\leq 4800\text{r/min}$
温度: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
介质: 清水、海水、内燃机防冻液

Operating Limits

Pressure: $\leq 0.3\text{MPa}$
Rotary Speed: $\leq 4800\text{r/min}$
Temperature: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
Medium: Clean water, seawater, gas engine antifreeze



WM FG-16/20



WM FG-25/25L/30

- 动环(陶瓷/碳化硅)
- 静环(热压石墨/车制石墨/碳化硅)
- 弹簧(不锈钢)
- 静环座(不锈钢/黄铜/紫铜)
- 波纹管(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)
- 动环套(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)
- Rotary Ring (Ceramic/SiC)
- Stationary Ring (Plastic Carbon/Carbon/SiC)
- Spring (SUS304/SUS316)
- Stationary Seat (SUS304/SUS316/Brass/Red Cooper)
- Bellows (nbr/EPDM/HNBR/VITON)
- Cup Gasket (NBR/EPDM/HNBR/VITON)

Model	d1 (mm)	d2	d3	d7	l1	l2	l3	l4
WMFG-15	15	36.5	40	28.4	20	6.5	5	8.5
WMFG-16	16	36.5	42	29.5	22.8	7.8	5	10
WMFG-16A	16	36.5	40	29.5	22.5	9	5	8.5
WMFG-20	20	40	44	35	20.5	6.9	5	8.6
WMFG-25	25	47	\	\	20.3	5.3	\	15
WMFG-25L	25	52	\	\	22.8	10.8	\	12
WMFG-30	30	52	\	\	22	6	\	16



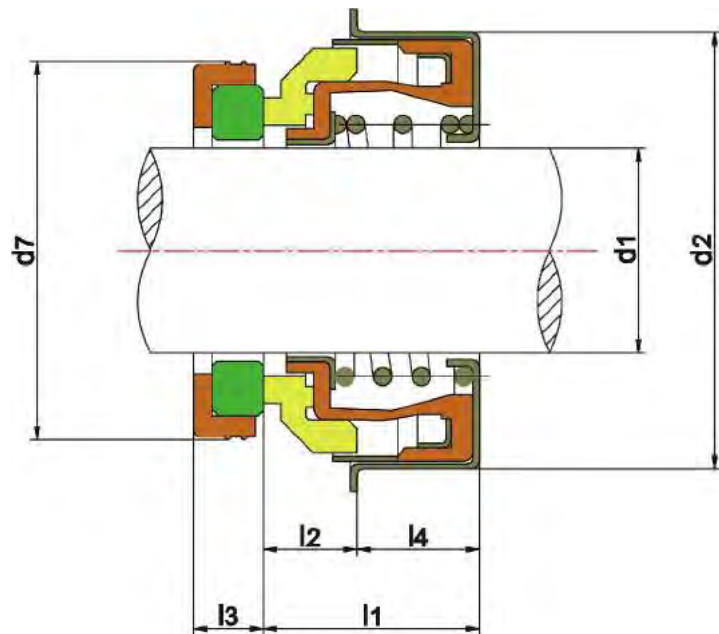
WM FH

技术参数:

压力: $\leq 0.3\text{MPa}$
转速: $\leq 4000\text{r/min}$
温度: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
介质: 清水、海水、内燃机防冻液

Operating Limits

Pressure: $\leq 0.3\text{MPa}$
Rotary Speed: $\leq 4000\text{r/min}$
Temperature: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
Medium: Clean water, seawater, gas engine antifreeze



- 动环(陶瓷/碳化硅)
- 静环(热压石墨/车制石墨/碳化硅)
- 弹簧(锰钢/不锈钢)
- 弹簧座(黄铜)
- 传动套(黄铜)
- 压圈(黄铜)
- 波纹管(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)
- 动环套(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)
- Rotary Ring (Ceramic/SiC)
- Stationary Ring (Plastic Carbon/Carbon/SiC)
- Spring (65Mn/SUS304/SUS316)
- Spring Holder (Brass)
- Retainer (Brass)
- Drive Ring (Brass)
- Bellows (nbr/EPDM/HNBR/VITON)
- Cup Gasket (NBR/EPDM/HNBR/VITON)

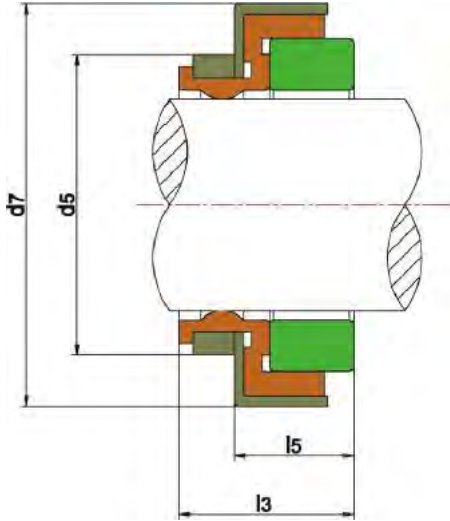
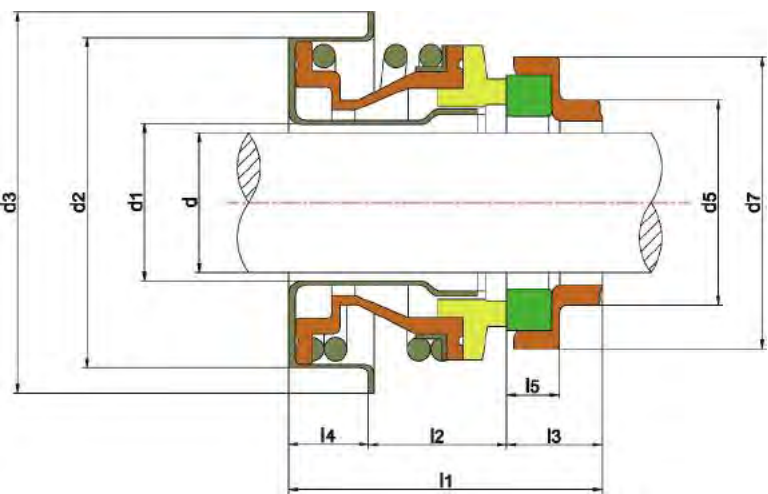
Model	d1 (mm)	d2	d7	l1	l3	l2	l4
WMFH-20A	20	40	33/33.5	17.5	6.5/5.5	6.5	11
WMFH-20B	20	40	33/33.5	17.5	6.5/5.5	6.5	11



WM FK

技术参数：
压力: ≤0.3MPa
转速: ≤4500r/min
温度: -30℃ ~ +150℃
介质: 清水、海水、内燃机防冻液

Operating Limits
Pressure: ≤0.3MPa
Rotary Speed: ≤4500r/min
Temperature: -30℃ ~ +150℃
Medium: Clean water, seawater, gas engine antifreeze



WM FK-30/40

- 动环(陶瓷/碳化硅)
 - 静环(热压石墨/车制石墨/碳化硅)
 - 弹簧(不锈钢)
 - 静环座(不锈钢)
 - 波纹管(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)
 - 动环骨架(不锈钢/Q235-A)
- Rotary Ring (Ceramic/SiC)
 - Stationary Ring (Plastic Carbon/Carbon/SiC)
 - Spring (SUS304/SUS316)
 - Stationary Seat (SUS304/SUS316)
 - Bellows (nbr/EPDM/HNBR/VITON)
 - Rotary Ring Holder (SUS304/SUS316/Q235-A)

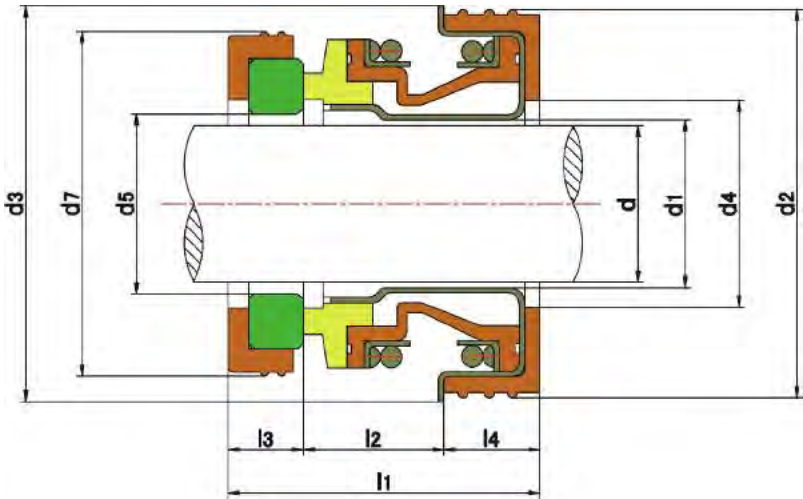
Model	d(mm)	d1	d2	d3	d5	d7	l1	l2	l3	l4	l5
WMFK-16	16	18.2	36.5	41.5	23	33	24.8	6.8	10	8	5
WMFK-16L	16	18.2	38.1	43.5	23	33	24.8	6	10	8.8	5
WMFK-19	19	19.2	32.5	36	23	32	26.5	8.5	10	8	5.5
WMFK-20S	20	21.2	38.1	43.8	32	37	28	8.5	11.5	8	5
WMFK-20L	20	21.2	40	43.8	27	38	26.5	6.5	10	10	5
WMFK-25S	25	26.4	46	51	30.5	47	31.8	8.8	13	10	8.5
WMFK-25	25	26.4	47	51	30.5	47	31.8	6.8	13	12	8.5
WMFK-30	30	31	52	57	42.8	50	35.5	9.5	15	11	9.5
WMFK-40	40	41.2	69	75	50.8	65	45.8	12	21	12.8	13



WM FT/SB

技术参数：
压力: ≤0.3MPa
转速: ≤5000r/min
温度: -30℃ ~ +150℃
介质: 清水、海水、内燃机防冻液

Operating Limits
Pressure: ≤0.3MPa
Rotary Speed: ≤5000r/min
Temperature: -30℃ ~ +150℃
Medium: Clean water, seawater, gas engine antifreeze



- 动环(陶瓷/碳化硅)
 - 静环(热压石墨/石墨/碳化硅)
 - 辅助密封(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)
 - 弹簧及金属件(不锈钢)
- Rotary Ring(Ceramic/SiC)
 - Stationary Ring(Plastic Carbon/Carbon/SiC)
 - Secondary Seal (Nbr/Epdm/Hnbr/VITON)
 - Spring & Other Parts (Sus304/Sus316)

Model	d (mm)	d1	d2	d3	d4	d5	d7	l1	l2	l3	l4
WMFT-10	10	11	27	29	15	12	23	18	3.5	4	10.5
WMFT-12	12	14.2	32	32	20	14	25	19.2	5.2	5	9
WMFT-16	16	18.2	41	41.5	22	18	31	21.8	7.8	5	9
WMFT-20	20	21.2	45	43.8	30	21	35	22.5	5.5	5	12
WMFT-25	25	26.4	52	51	35	26	44	27	5.5	7	14.5
WMFT-30	30	31	58	57	40	32	48	29	7.7	8	13.3

Model	d(mm)	d2	d3	d7	l1	l2	l3	l4
WMSB-12S	12	26	32	18	20.8	6	6.8	8
WMSB-12	12	30	35	24	19.5	5.5	4.5	9.5
WMSB-13	13	30	38	25	18.7	5.2	5	8.5
WMSB-15S	15	30	41.3	21.5	22.8	7	6.8	9
WMSB-17S	17	35	41.3	25	27	10.5	7.5	9
WMSB-20	20	40	43.8	36	29.5	12	7	10.5
WMSB-25	25	50	51	42	31.5	10	8	13.5
WMSB-28	28	54	57	45	31.5	9.5	7.5	14.5
WMSB-30	30	54	57	45	32.2	9.5	8.2	14.5



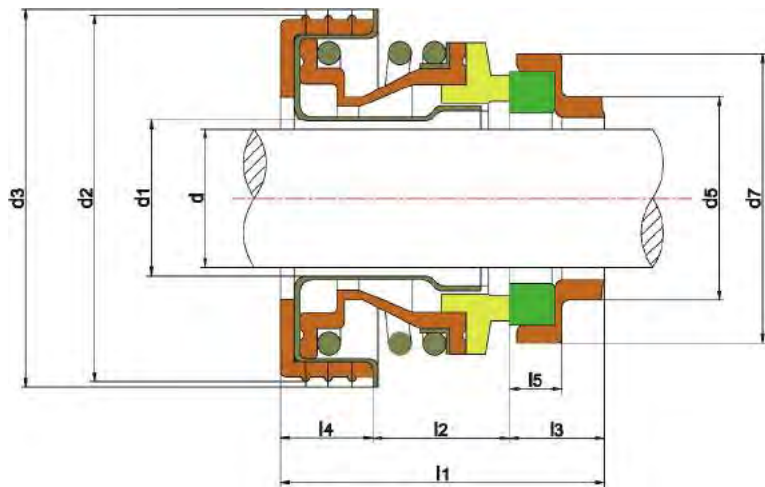
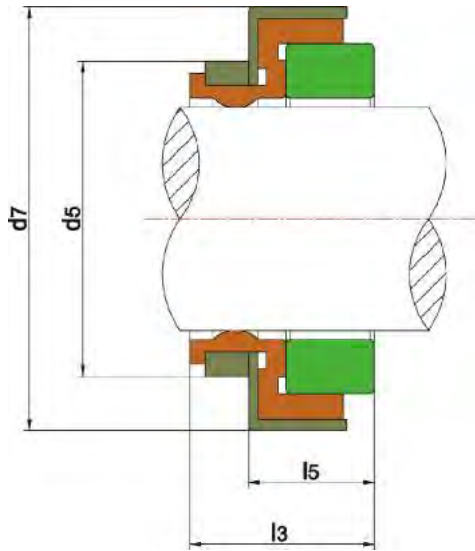
WM FTK

技术参数:

压力: $\leq 0.3\text{MPa}$
转速: $\leq 4500\text{r/min}$
温度: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
介质: 清水、海水、内燃机防冻液

Operating Limits

Pressure: $\leq 0.3\text{MPa}$
Rotary Speed: $\leq 4500\text{r/min}$
Temperature: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
Medium: Clean water, seawater, gas engine antifreeze



- 动环(陶瓷/碳化硅)
- 静环(热压石墨/石墨/碳化硅)
- 弹簧(不锈钢)
- 静环座(不锈钢)
- 辅助密封(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)
- 动环骨架(不锈钢/Q235-A)

- Rotary Ring (Ceramic/SiC)
- Stationary Ring (Plastic Carbon/Carbon/SiC)
- Spring (SUS304/SUS316)
- Stationary Seat (SUS304/SUS316)
- Secondary Seal (nbr/EPDM/HNBR/VITON)
- Rotary Ring Holder (SUS304/SUS316/Q235-A)

Model	d (mm)	d1	d2	d3	d5	d7	l1	l2	l3	l4	l5
WMFTK-16	16	18.2	41	41.5	23	33	26.5	7.5	10	9	5
WMFTK-20	20	21.2	45	43.8	27	38	29	7	10	12	5
WMFTK-25	25	26.4	52	51	30.5	47	34.5	7	13	14.5	8.5
WMFTK-40	40	41.2	75	75	50.5	65	48.6	12	21	15.6	13
WMFTK-45	45	46.3	80	80	55.5	73.8	53	16	21	16	13



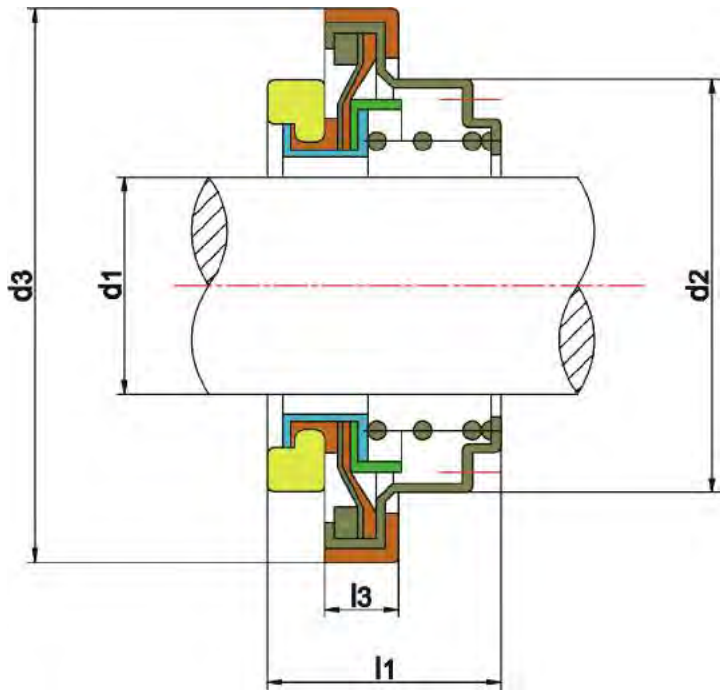
WM FTS

技术参数:

压力: $\leq 0.3\text{MPa}$
转速: $\leq 3500\text{r/min}$
温度: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
介质: 清水、海水、内燃机防冻液

Operating Limits

Pressure: $\leq 0.3\text{MPa}$
Rotary Speed: $\leq 3500\text{r/min}$
Temperature: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
Medium: Clean water, seawater, gas engine antifreeze



- 静环(热压石墨/车制石墨)
- 静环套(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)
- 静环座(黄铜/不锈钢)
- 辅助密封(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)
- 弹簧(不锈钢)
- 波纹管(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)
- 挡圈(Q235-A)
- 弹性钢片(不锈钢)
- 紧圈(黄铜/不锈钢)

- Stationary Ring (Plastic Carbon/Carbon)
- Cup Gasket (NBR/EPDM/HNBR/VITON)
- Stationary Seat (Brass/SUS304)
- Secondary Seal (NBR/EPDM/HNBR/VITON)
- Spring (SUS304/SUS316)
- Bellows (nbr/EPDM/HNBR/VITON)
- Halted Ring (Q235-A)
- Elastic Gasket (SUS304/SUS316)
- Retainer (Brass/SUS304)

Model	d1(mm)	d2	d3	l1	l3
WMFTS-25	25	43.6	58	21	6



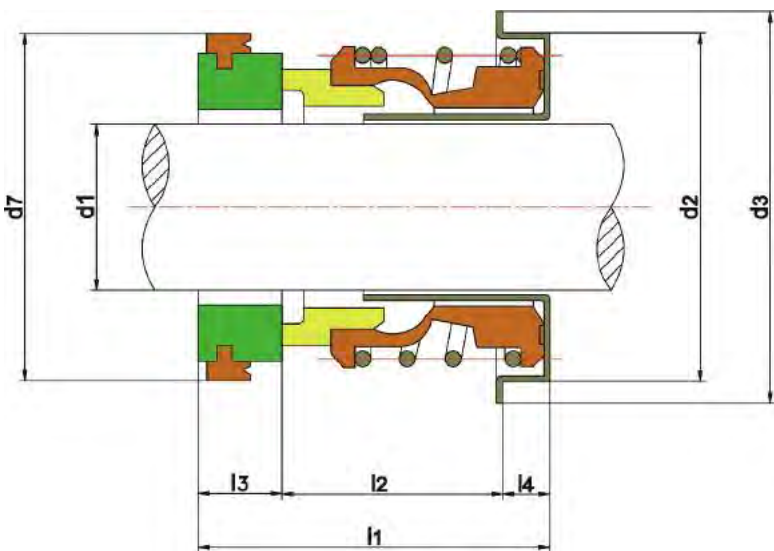
WM FL

技术参数:

压力: $\leq 0.3\text{MPa}$
转速: $\leq 3500\text{r/min}$
温度: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
介质: 清水、海水、内燃机防冻液

Operating Limits

Pressure: $\leq 0.3\text{MPa}$
Rotary Speed: $\leq 3500\text{r/min}$
Temperature: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
Medium: Clean water, seawater, gas engine antifreeze



- 动环(陶瓷/碳化硅)
- 静环(热压石墨/车制石墨/碳化硅)
- 动环套(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)
- 静环座(黄铜/不锈钢)
- 弹簧(锰钢/不锈钢)
- 波纹管(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)

- Rotary Ring (Ceramic/SiC)
- Stationary Ring (Plastic Carbon/Carbon/SiC)
- Cup Gasket (NBR/EPDM/HNBR/VITON)
- Stationary Seat (Brass/SUS304/SUS316)
- Spring (65Mn/SUS304)
- Bellows (nbr/EPDM/HNBR/VITON)

Model	d1(mm)	d2	d3	d7	l1	l2	l3	l4
WMFL-25S	25	47	53	47	44.5	24.5	14	6
WMFL-25L	25	52	58	47	47.5	26.5	14	7



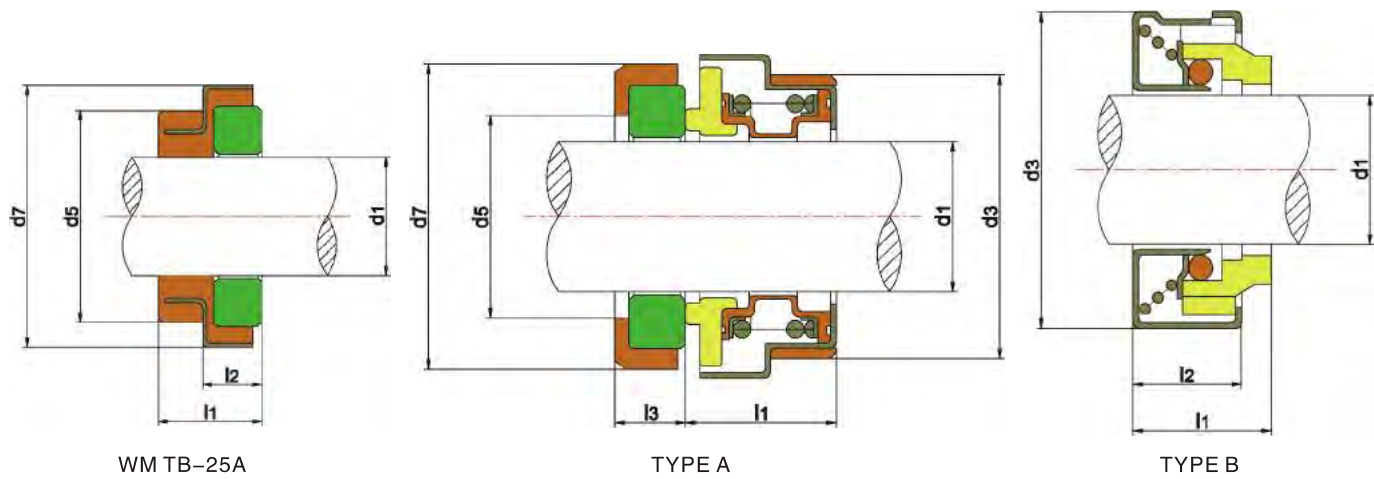
WM TB

技术参数:

压力: $\leq 0.3\text{MPa}$
转速: $\leq 4500\text{r/min}$
温度: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$

Operating Limits

Pressure: $\leq 0.3\text{MPa}$
Rotary Speed: $\leq 4500\text{r/min}$
Temperature: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$



- 动环(陶瓷/碳化硅)
- 静环(热压石墨/车制石墨/碳化硅)
- 动环套(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)
- 波纹管(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)
- 弹簧座(黄铜)
- 弹簧(不锈钢)
- 传动套(黄铜)

- Rotary Ring (Ceramic/SiC)
- Stationary Ring (Plastic Carbon/Carbon/SiC)
- Cup Gasket (NBR/EPDM/HNBR/VITON)
- Bellows (nbr/EPDM/HNBR/VITON)
- Spring Holder (Brass)
- Spring (SUS304/SUS316)
- Retainer (Brass)

Model	d1(mm)	d3	d5	d7	l1	l2	l3	TYPE
WMTB-12	12	40	/	28.575	10.7	10.3	4.45	B
WMTB-25	25	44	32	44	21.5	/	8.5	A
WMTB-25A	25	44	35	41	21.5	5	10	A
WMTB-25H	25	44	32	44	21.5	/	10	A
Model	d1(Inch)	d3	d5	d7	l1	l2	l3	TYPE
WMTB-3/8"	9.525	20.6	/	/	8.5	7.2	/	B
WMTB-3/8"A	9.525	20.6	/	/	6.5	5.9	/	B
WMTB-5/8"	15.875	28.6	/	25.5	9.8	9.6	5.7	B
WMTB-11/16"	17.5	30.1	/	/	9	8.4	/	B
WMTB-1"	25.4	50.8	/	/	10.16	9.65	/	B



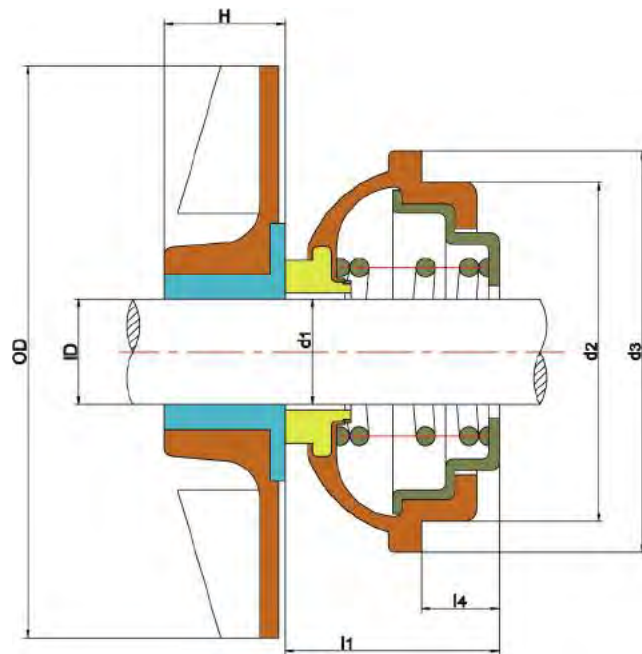
WM K

技术参数:

压力: $\leq 0.1\text{MPa}$
转速: $\leq 5000\text{r/min}$
温度: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
介质: 清水、海水、内燃机防冻液

Operating Limits

Pressure: $\leq 0.1\text{MPa}$
Rotary Speed: $\leq 5000\text{r/min}$
Temperature: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$
Medium: Clean water, seawater, gas engine antifreeze



- 动环(易切削铁) * 配PA66 叶轮
- 静环(热压石墨/车制石墨/碳化硅)
- 辅助密封(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)
- 弹簧(不锈钢/锰钢)
- 冲件(不锈钢/Q235-A)
- Rotary Ring (Free-cutting Iron) * with PA66 impeller
- Stationary Ring(Plastic Carbon/Carbon/SiC)
- Secondary Seal (nbr/Epdm/Hnbr/VITON)
- Spring (SUS304/SUS316/65Mn)
- Other Parts (SUS304/SUS316/Q235-A)



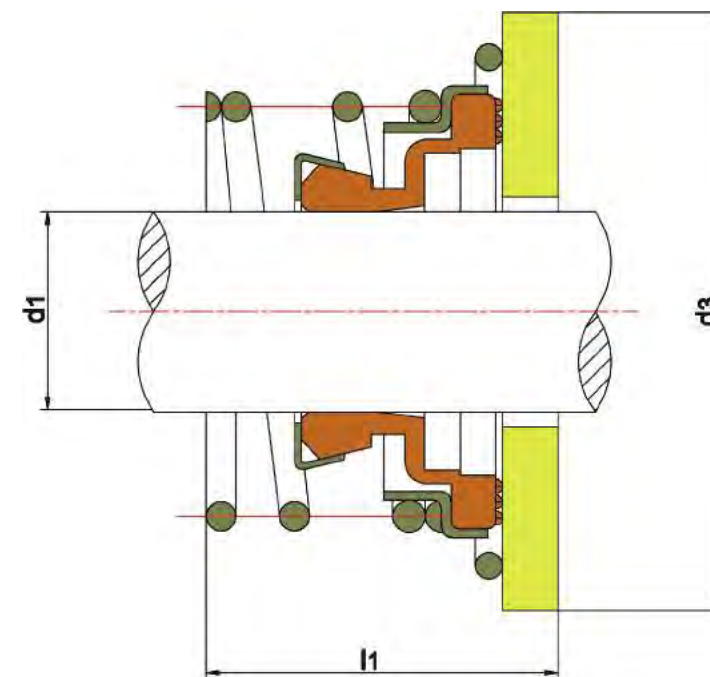
WM XP

技术参数:

压力: $\leq 0.1\text{MPa}$
转速: $\leq 4500\text{r/min}$
温度: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$

Operating Limits

Pressure: $\leq 0.1\text{MPa}$
Rotary Speed: $\leq 4500\text{r/min}$
Temperature: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$



- 静环(热压石墨/车制石墨)
- 辅助密封(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)
- 弹簧及金属件(不锈钢)
- Stationary Ring(Plastic Carbon/Carbon)
- Secondary Seal (nbr/Epdm/Hnbr/VITON)
- Spring & Other Parts (Sus304/Sus316)

Model	d1(mm)	d2	d3	l1	l4	Equivalent
WMK-12	12	29	36	14	8	\
WMK-12A(with impeller)	12	30	37	13.5	6	\
WMK-14A	14	34	40.6	15.5	7	\
WMK-14B	14	30	36	16.5	7	K-14D
WMK-14C	14	35	40.6	15.5	7	\
WMK-16A	16	38	43.6	16.5	8	\
WMK-16B	16	37	42.5	16.5	8	K-16E
WMK-16C	16	36	42	16.5	8	K-16F
WMK-19	19	40	49	15.5	8	K-20
WMK-28	28	49	56.5	27.5	9.5	\

Model	d1(mm)	d3	l1
WMXP-15	15	42.8	27.5
WMXP-17	17	42	22.5
WMXP-19	19	42.5	26.8
WMXP-24	24	50.3	29
WMXP-24A	24	46.9	22



WMT

技术参数:

压力: $\leq 0.3\text{MPa}$

转速: $\leq 4000\text{r/min}$

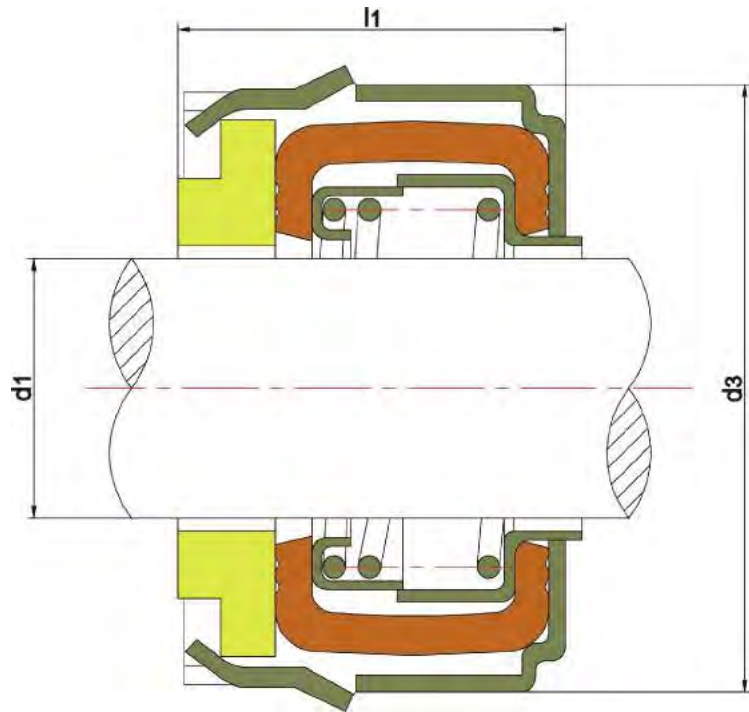
温度: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$

Operating Limits

Pressure: $\leq 0.3\text{MPa}$

Rotary Speed: $\leq 4000\text{r/min}$

Temperature: $-30^{\circ}\text{C} \sim +150^{\circ}\text{C}$



- 静环(热压石墨/车制石墨/碳化硅)
- 辅助密封(丁腈胶/三元乙丙胶/氢化丁腈胶/氟胶)
- 弹簧(不锈钢/锰钢)
- 冲件(不锈钢/Q235-A)

- Stationary Ring(Plastic Carbon/Carbon/SiC)
- Secondary Seal (nbr/Epdm/Hnbr/VITON)
- Spring (SUS304/SUS316/65Mn)
- Other Parts (SUS304/SUS316/Q235-A)

Model	d1(mm)	d3	l1
WMT-08	16	36.5	16.5
WMT-08S	16	33.4	14.5
WMT-04	20	43	18
WMT-04H	20	40.8	22.5
WMT-02S	25	51	25.5
WMT-02M	25	52	23
WMT-02L	25	52.5/52.0	27



Impeller



All kinds of repair kits

