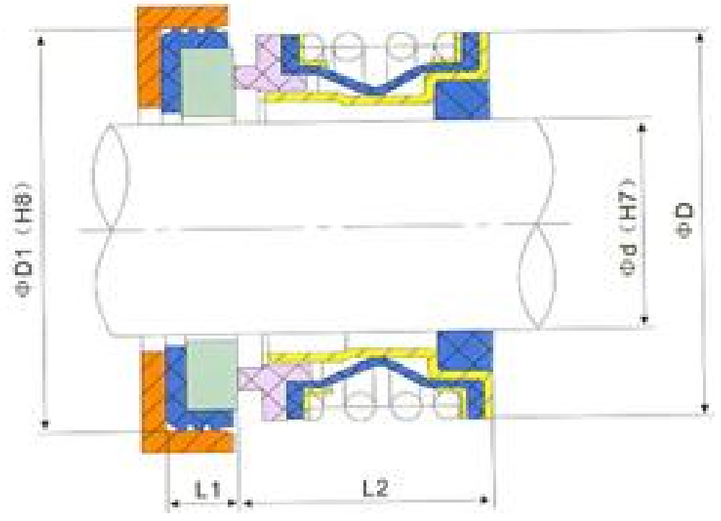


TSE



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）

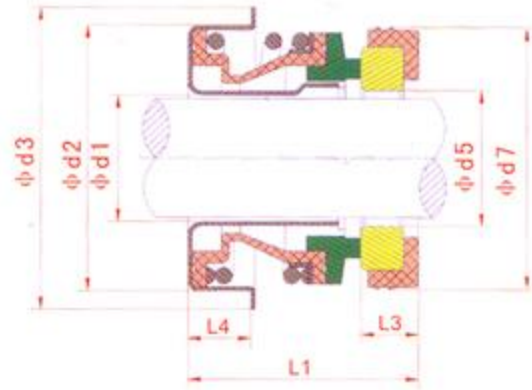
- Stationary ring(Ceramic/SIC/TC)
- Rotary Ring(Carbon/SIC/TC)
- Secondary seal(NBR/EPDM/VITON)
- Spring & Metal parts(Steel)



WMB

技术参数：
压力：0.6MPa
线转速：15米/秒
温度：≤-30℃~200℃

OPERATING LIMITS
Pressure: 0.6MPa
Rotary Speed: 15m/s
Temperatur: ≤-30℃~200℃



- Rotary Ring(Ceramic/SIC)
- Stationary ring(carbon/SIC)
- Secondary seal(NBR/EPDM/VITON)
- Spring & other parts(SUS304/SUS316)

- 动环（陶瓷/碳化硅/碳化钨）
- 静环（石墨/碳化硅/碳化钨）
- 辅助密封（丁腈胶/三元乙丙胶/氟胶）
- 弹簧及冲件（不锈钢）

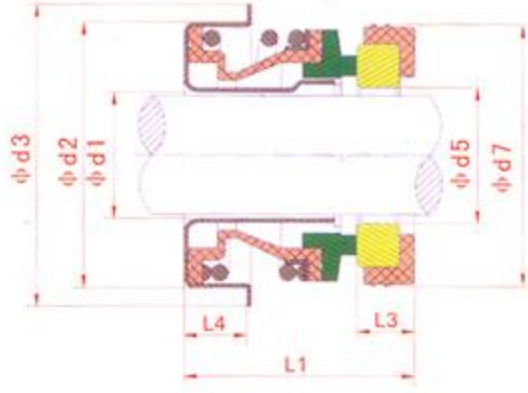
Model	Shaft	d1	d2	d3	d5	d7	L1	L3	L4
WMB10	10	11.0	24	29	12	23	17	4	7
WMB12S	12	14.2	28.55	32	14	25	18.2	5	8
WMB12M	12	14.2	30	35	15	24/23	18	5	8
WMB12L	12	14.2	33.4	38	14	25	18	5	6.7
WMB16	16	18.2	36.45	41.5	18	31	19.8	5	8
WMB16L	16	18.2	38.1	43.5	18	31	19.8	5	8
WMB16LD	16	18.2	38.1	43.5	18	31	19.8	5	8
WMB20S	20	21.2	38	43.8	21	35	20.5	5	9.5
WMB20	20	21.2	40	43.8	21	35	20.5	5	9.5
WMB25S	25	26.4	46	51	26	44	25	7	10
WMB25M	25	26.4	47	51	26	44	25	7	12
WMB25L	25	26.4	52	57	27	48	25	7	12
WMB30	30	31.0	52	57	32	48	27	8	11
WMB1/2 "	12.7	14.2	30	35	13.5	25.4	19.2	6.2	8
WMB5/8 "	25.875	18.2	36.45	41.5	17.5	31.75	25	10.3	8
WMB3/4 "	19.05	21.2	40	43.8	20	34.925	25.8	10.3	9.5
WMB1 "	25.4	26.4	47	51	27	41.275	29	11.1	12



WMB

技术参数：
压力：0.6MPa
线转速：15米/秒
温度：≤-30℃~200℃

OPERATING LIMITS
Pressure: 0.6MPa
Rotary Speed: 15m/s
Temperatur: ≤-30℃~200℃



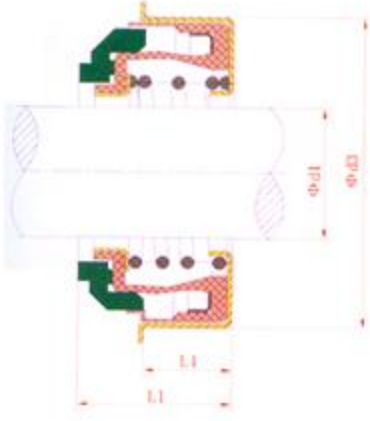
- Rotary Ring(Ceramic/SIC)
- Stationary ring(carbon/SIC)
- Secondary seal(NBR/EPDM/VITON)
- Spring & other parts(SUS304/SUS316)

- 动环（ 陶瓷/碳化硅/碳化钨）
- 静环（ 石墨/碳化硅/碳化钨）
- 辅助密封（ 丁腈胶/三元乙丙胶/氟胶）
- 弹簧及冲件（ 不锈钢）

Model	Shaft	d1	d2	d3	d5	d7	L1	L3	L4
WMB10	10	11.0	24	29	12	23	17	4	7
WMB12S	12	14.2	28.55	32	14	25	18.2	5	8
WMB12M	12	14.2	30	35	15	24/23	18	5	8
WMB12L	12	14.2	33.4	38	14	25	18	5	6.7
WMB16	16	18.2	36.45	41.5	18	31	19.8	5	8
WMB16L	16	18.2	38.1	43.5	18	31	19.8	5	8
WMB16LD	16	18.2	38.1	43.5	18	31	19.8	5	8
WMB20S	20	21.2	38	43.8	21	35	20.5	5	9.5
WMB20	20	21.2	40	43.8	21	35	20.5	5	9.5
WMB25S	25	26.4	46	51	26	44	25	7	10
WMB25M	25	26.4	47	51	26	44	25	7	12
WMB25L	25	26.4	52	57	27	48	25	7	12
WMB30	30	31.0	52	57	32	48	27	8	11
WMB1/2 "	12.7	14.2	30	35	13.5	25.4	19.2	6.2	8
WMB5/8 "	25.875	18.2	36.45	41.5	17.5	31.75	25	10.3	8
WMB3/4 "	19.05	21.2	40	43.8	20	34.925	25.8	10.3	9.5
WMB1 "	25.4	26.4	47	51	27	41.275	29	11.1	12



WMBO



OPERATING LIMTS
Pressure: 0.6Mpa

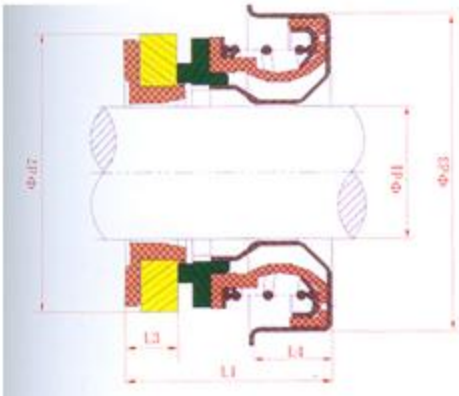
Speed: 10m/s
Temperatue: -30℃~200℃

- Retainer — Bronze H68
- Drive ring — Bronze H68
- Spring — 65Mn/SUS304/SUS316
- Spring retainer — Bronze H68
- Bellows — NBR/EPDM/VITON
- Stationary ring — Carbon/SIC/TC

Model	d1	d3	L1	L4
WMBO-20A	20.0	40.0	17.5	11.0
WMBO-20B	20.0	40.0	17.5	11.0



WMBA



OPERATING LIMTS
Pressure: 0.6Mpa

Speed: 12m/s
Temperatue: -30℃~200℃

- Retainer SUS304/SUS316
- Drive ring SUS304/SUS316
- Bellows NBR/EPDM/VITON
- Spring 65Mn/SUS304/SUS316
- Spring retainer SUS304/SUS316
- Stationary ring Carbon/SIC/TC
- Rotary ring Ceramic/SIC/TC

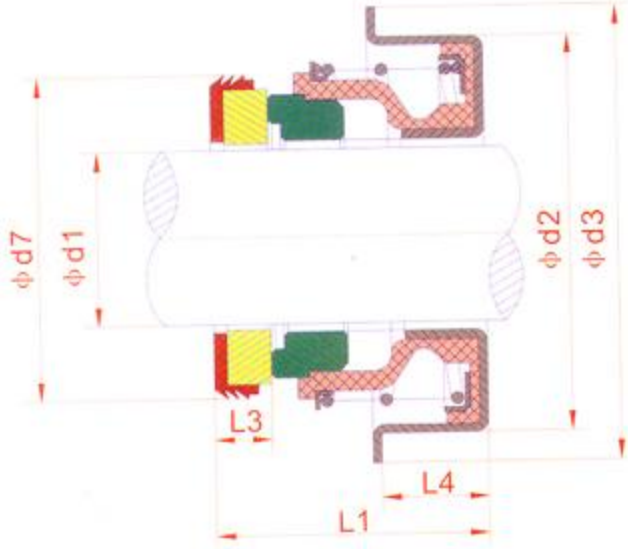
Model	d1	d3	d7	L1	L3	L4
WMBA-12	12	30.0	24	14.5	5	8.0
WMBA-15	15	36.5	29.5	15.7	5	8.7
WMBA-16S	16	36.5	29.5	15.7	5	6.7
WMBA-16L	16	38.1	29.5	15.7	5	8.7
WMBA-19	19	40.0	34	17.5	6	11.0
WMBA-20	20	40.0	34	17.5	6	11.0



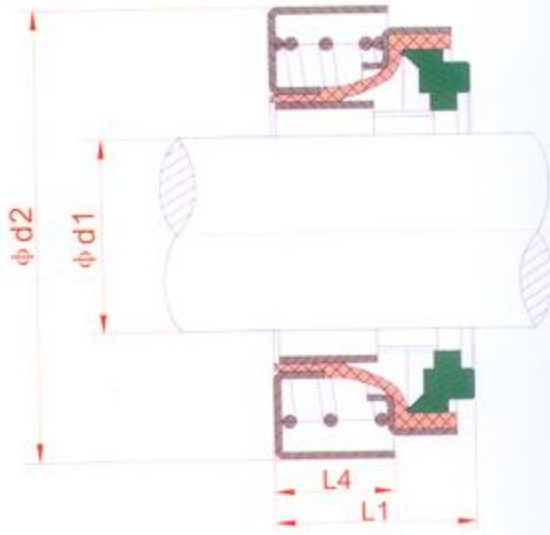
WMBG

OPERATING LIMTS
Pressure: 0.6Mpa

Speed: 10m/s
Temperatue: -30℃~200℃



WMBG-16、20



WMBG-25、25L、30

• Spring	SUS304/SUS316
• Retainer	SUS304/SUS316
• Bellows	NBR/EPDM/VITON
• Stationary ring	Carbon/SIC/TC
• Rotary ring	Ceramic/SIC/TC
• Cup gasket	NBR/EPDM/VITON

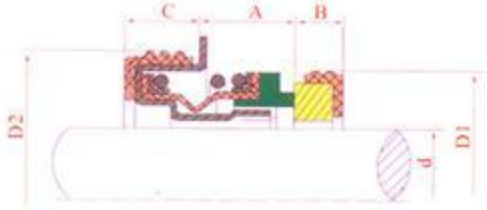
Model	d1	d2	D3	d7	L1	L3	L4
WMBG-15	15	36.45	40	28.4	22.5	5	8.5
WMBG-16	16	36.45	42	29.5	22.8	5	10
WMBG-16A	16	36.45	40	29.5	22.5	5	8.5
WMBG-20	20	40	44	35	20.5	5	8.6
WMBG-25	25	47	\	\	20.3	\	15
WMBG-25L	25	52	\	\	22.8	\	12
WMBG-30	30	52	\	\	22	\	16



WMBR

技术参数：
压力：≤0.17~0.25MPa
转速：3500~6500转/分
温度：≤100℃~115℃
介质：清水、海水、内燃机防冻液

OPERATING LIMITS
Pressure: ≤0.17~0.25MPa
Rotary Speed: 3500~6500r/min
Temperatur: ≤100℃~115℃
Medium: Clean Water, Seawater
gas engine antifreeze



"O" 形动环 "O" Type Rotary ring



"T" 形动环 "T" Type Rotary ring

- 动环（陶瓷/碳化硅）
- 静环（石墨/碳化硅）
- 辅助密封（丁腈胶/氟胶/氢化丁腈胶）
- 弹簧及冲件（不锈钢）

- Rotary Ring(Ceramic/SIC)
- Stationary ring(carbon/SIC)
- Secondary seal(NBR/EPDM/VITON/HNBRA)
- Spring & other parts(SUS304/SUS316)

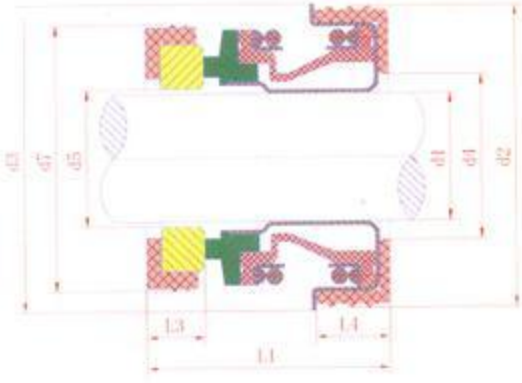
Item	Model	Shaft d	A 基本尺寸	极限偏差	B	B1	C	D1	D1	D2	Remark
1	BR1202T	12	6	±0.6	-	6.8	8.5	-	18	26	BR303-30型水封：斯太尔发动机用；B系列水封：中小型货车发动机适用；Br20型水封：6130以上柴油发动机适用。
2	BR13A系列	12	5.5	±0.5	4.5	-	8.5	24	-	30	
3		12	4.35	±0.2	3.8	-	8.0	25	-	28.6	
4	BR1502T	15	7	±0.6	-	6.8	9.5	-	21.5	30	
5	Br17系列	17	9	±0.6	7	-	10.5	30	-	35	
6		17	10.5		7	-	8.5	30	-	35	
7		17	11		7	-	8.5	30	-	35	
8		17	9		-	7.5	10.5	-	25	35	Water pump seal BR303-30, For STEYR Engine only; Water pump seal B TYPE, Medium and small seze trucks; Water pump seal Br20 TYPE; Diesel Engine 6130 or bigger.
9		17	9		-	8.5	10.5	-	25	35	
10	BR17T系列	17	10.5	±0.6	-	7.5	8.5	-	25	35	
11		17	10.5		-	8.5	8.5	-	25	35	
12		17	11		-	7.5	8.5	-	25	35	
13		17	11		-	8.5	8.5	-	25	35	
14	BR20	20	12	±0.6	7	-	10.5	36	-	40	
15		20	12	±0.6	7	-	9	36	-	38	
16	BR20T	20	12	±0.6	-	8.5	10.5	-	29	40	
17	5QB	20	10	±0.6	-	-	9.5	35	-	40.1	
18	BR303-30	30	20	±0.2	6.5/18.5	-	16	-	-	52	



WMBR1

OPERATING LIMTS
Pressure: 0.5Mpa

Speed: 15m/s
Temperatue: -30℃~200℃



- Rotary ring(Ceramic/SIC/TC)
- Stationary Ring(Carbon/SIC/TC)
- Secondary Seal(NBR/EPDM/VITON)
- Spring & Other Parts(S.SUS304/USU316)

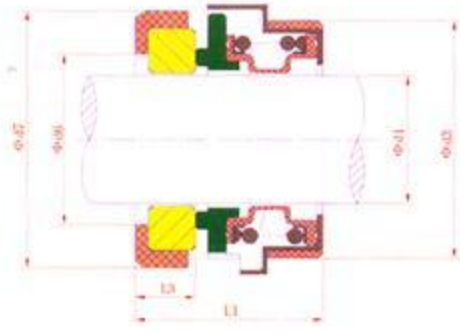
Model	Shaft	d1	d2	d3	d4	d5	d7	L1	L3	L4
WMBR-10	10	11.0	27	29.0	15	12	23	18.0	4	10.5
WMBR-12	12	14.2	32	32	20	14	25	19.2	5	8.5
WMBR-16	16	18.2	41	41.5	22	18	31	21.8	5	9.5
WMBR-20	20	21.2	45	43.8	30	21	35	22.5	5	11
WMBR-25	25	26.4	52	51.0	35	26	44	27.0	7	14.5
WMBR-30	30	31.0	58	57.0	40	32	48	29.0	8	12.5

WMBR1

Model	d1	d2	d3	d7	L1	L3	L4
WMBR-12S	12.0	26.0	32.0	18.0	20.8	6.8	8.0
WMBR-12	12.0	30.0	35.0	24.0	19.5	4.5	9.5
WMBR-13	13.0	30.0	38.0	25.0	18.7	5.0	8.5
WMBR-15S	15.0	30.0	41.3	21.5	22.8	6.8	9.0
WMBR-17S	17.0	35.0	41.3	25.0	27.0	7.5	9.0
WMBR-20	20.0	40.0	43.8	36.0	29.5	7.0	10.5
WMBR-25	25.0	50.0	51.0	42.0	31.5	8.0	13.5
WMBR-28	28.0	54.0	57.0	45.0	31.5	7.5	14.5
WMBR-30	30.0	54.0	57.0	45.0	32.2	8.2	14.5



WMBRL



OPERATING LIMTS
Pressure: 0.6Mpa

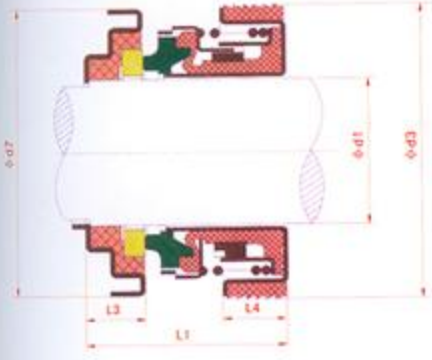
Speed: 10m/s
Temperatue: -30℃~200℃

- Bellows NBR/EPDM/VITON
- Spring seat Brass
- Spring SUS304/SUS316
- Retainer Brass
- Rotary ring Ceramic/SIC/TC
- Stationary ring Carbon/SIC/TC
- Cup Gasket NBR/EPDM/VITON

Model	d1	d3	d6	d7	L1	L3
WMBRL-25	25	44.0	32	44.0	30	8.0/10



WMBRR



OPERATING LIMTS
Pressure: 0.6Mpa

Speed: 10m/s
Temperatue: -30℃~200℃

• Spring	SUS304/SUS316
• Retainer	SUS304/SUS316
• Bellows	NBR/EPDM/VITON
• Stationary ring	Carbon/SIC/TC
• Rotary ring	Ceramic/SIC/TC
• Rotary ring holder	SUS304/SUS316

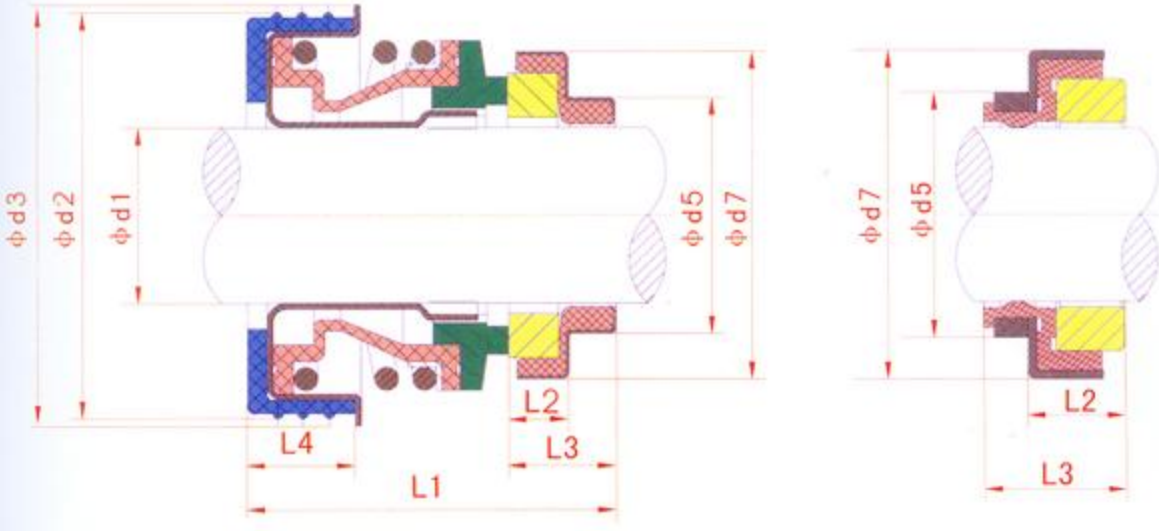
Model	d1	d3	d7	L1	L3	L4
WMBRR-16	16	41	41	27.5	10	8.0
WMBRR-20	20	45	45	30.5	11	11
WMBRR-25	25	52	52	36.5	13	11.5
WMBRR-35	35	66	66	40.5	14	13.6



WMBRS

OPERATING LIMTS
Pressure: 0.6Mpa

Speed: 10m/s
Temperatue: -30℃~200℃



- Spring — SUS304/SUS316
- Retainer — SUS304/SUS316
- Bellows — NBR/EPDM/VITON
- Stationary ring — Carbon/SIC/TC
- Rotary ring — Ceramic/SIC/TC
- Rotary ring holder — SUS304/SUS316
- Cup Gasket — NBR/EPDM/VITON

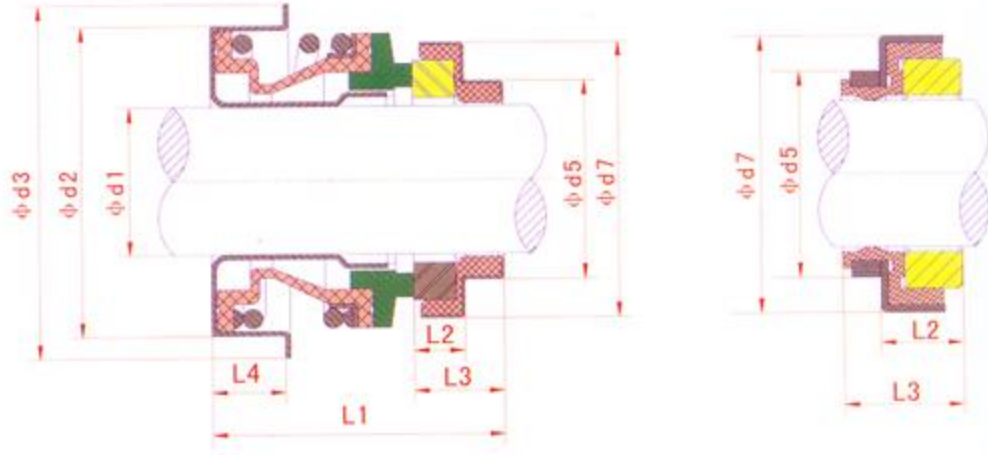
Model	Shaft	d1	d2	d3	d5	d7	L1	L2	L3	L4
WMBRS-16	16	18.2	41.0	41.5	23.0	33.0	26.5	5.0	10.0	9.5
WMBRS-20	20	21.2	45.0	43.8	27.0	38.0	29.0	5.0	10.0	11.0
WMBRS-25	25	26.4	52.0	51.0	30.5	47.0	34.5	8.5	13.0	11.5
WMBRS-40	40	41.2	75	75	50.5	65	48.6	8.5	21	15.6



WMBS

OPERATING LIMTS
Pressure: 0.6Mpa

Speed: 10m/s
Temperatue: -30℃~200℃



• Spring	SUS304/SUS316
• Retainer	SUS304/SUS316
• Bellows	NBR/EPDM/VITON
• Stationary ring	Carbon/SIC/TC
• Rotary ring	Ceramic/SIC/TC
• Rotary ring holder	SUS304/SUS316

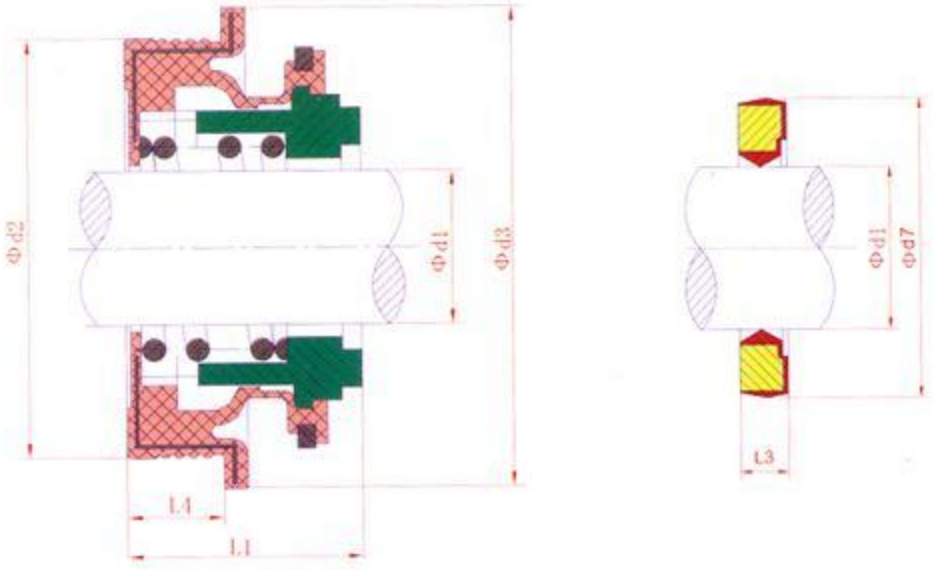
Model	Shaft	d1	d2	d3	d5	d7	L1	L2	L3	L4
WMBS-16	16	18.2	36.45	41.5	23.0	33.0	24.8	5.0	10.0	8.0
WMBS-16L	16	18.2	38.1	43.5	23.0	33.0	24.8	5.0	10.0	8.0
WMBS-19	19	19.2	32.5	36.0	23.0	32.0	26.5	5.5	10.0	8.0
WMBS-20S	20	21.2	38.1	43.8	32.0	37.0	26.5	5.0	10.0	8.0
WMBS-20L	20	21.2	40.0	43.8	27.0	38.0	26.5	5.0	10.0	9.5
WMBS-25S	25	26.4	46	51.0	30.5	47.0	31.8	8.5	13.0	10.0
WMBS-25	25	26.4	47	51.0	30.5	47.0	31.8	8.5	13.0	12.0
WMBS-30	30	31	52	57	42.8	50	35.5	9.5	15	11
WMBS-40	40	41.2	69	75	50.5	65	45.8	13	21	12.8



WMBWL

OPERATING LIMTS
Pressure: 0.4Mpa

Speed: 5m/s
Temperatue: -30℃~200℃

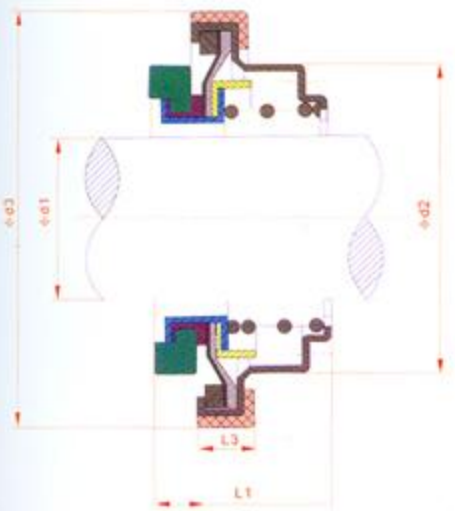


• Bellows	NBR/EPDM/VITON
• Spring	65Mn/SUS304/SUS316
• Drive ring	IRON
• Stationary ring	Carbon/SIC/TC
• Rotary ring	Ceramic/SIC/TC
• Rotary ring holder	NBR/EPDM/VITON

Model	d1	d2	d3	d7	L1	L3	L4
WMBWL-12M	12	30.0	34.6		15.5		7.0
WMBWL-12L	12	33.4	36.6		15.5		7.0
WMBWL-16	16	36.5	42.6	28	16.5	4.5	7.5
WMBWL-16L	16	38.1	42.6	28	16.5	4.5	7.5
WMBWL-16B	16	36.5	39.7	28.6	16.5	3.5	7
WMBWL-20	20	40	42		18.5		11



WMBZL



OPERATING LIMTS
Pressure: 0.5Mpa

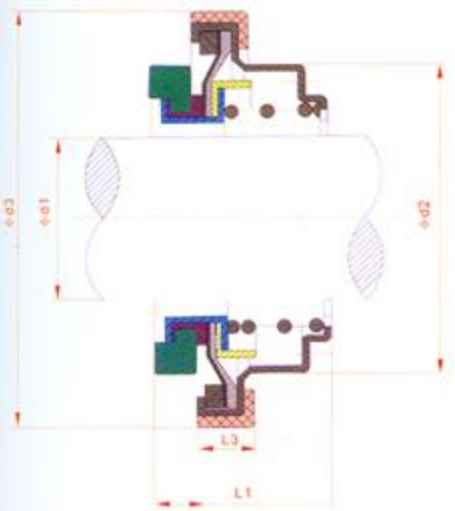
Speed: 15m/s
Temperatue: -30℃~200℃

• Cup gasket	NBR/EPDM/VITON
• Stationary seat	BROZEN H68/SUS304
• Spring	SUS304/SUS316
• Bellows	NBR/EPDM/VITON
• Halted ring	BROZEN H68/SUS304
• Elastic gasket	SUS304/SUS316
• Retainer	BROZEN H68/SYS304
• Sealing gasker	NBR/EPDM/VITON
• Stationary ring	CARBON

Model	d1	d2	d3	L1	L3
WMBZL-25	25	43.6	58	21	6



WMBZL



OPERATING LIMTS
Pressure: 0.5Mpa

Speed: 15m/s
Temperatue: -30℃~200℃

• Cup gasket	NBR/EPDM/VITON
• Stationary seat	BROZEN H68/SUS304
• Spring	SUS304/SUS316
• Bellows	NBR/EPDM/VITON
• Halted ring	BROZEN H68/SUS304
• Elastic gasket	SUS304/SUS316
• Retainer	BROZEN H68/SYS304
• Sealing gasker	NBR/EPDM/VITON
• Stationary ring	CARBON

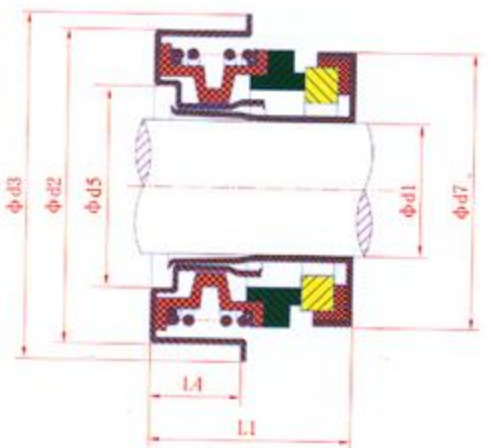
Model	d1	d2	d3	L1	L3
WMBZL-25	25	43.6	58	21	6



WMC

技术参数：
压力：0.6MPa
线转速：15米/秒
温度：≤-30℃~200℃

OPERATING LIMITS
Pressure: 0.6MPa
Rotary Speed: 15m/s
Temperatur: ≤-30℃~200℃



- 动环（ 陶瓷/碳化硅/碳化钨）
- 静环（ 石墨/碳化硅/碳化钨）
- 辅助密封（ 丁腈胶/三元乙丙胶/氟胶）
- 弹簧及冲件（ 不锈钢）

- Rotary Ring(Ceramic/SIC)
- Stationary ring(carbon/SIC)
- Secondary seal(NBR/EPDM/VITON)
- Spring & other parts(SUS304/SUS316)

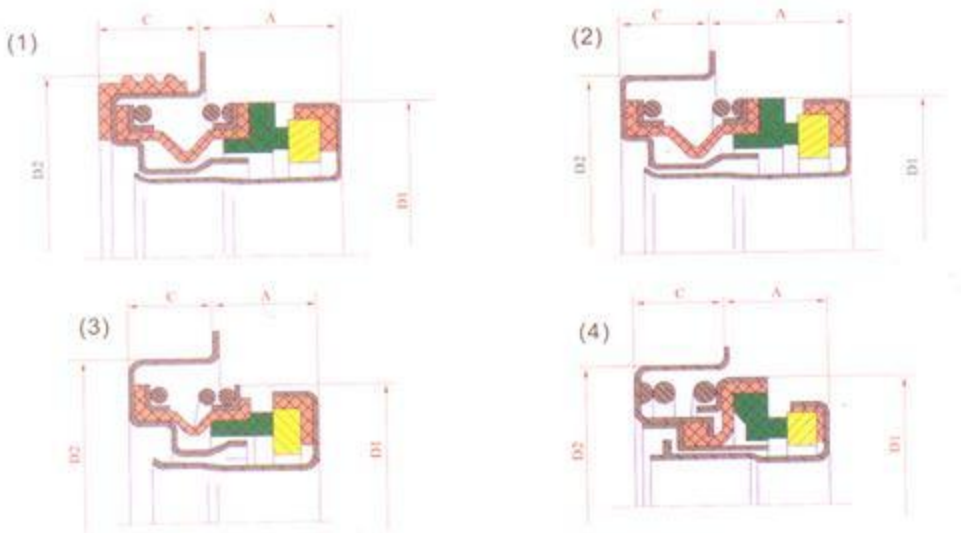
Model	d1	d2	d3	d5	d7	L1	L4
WMC12S	12	28.55	32.0	18.5	25/26	17.5	8
WMC12M	12	30.00	35.0	18.5	25/26	17.5	8
WMC12L	12	33.4	38	18.5	25/26	17.5	6.7
WMC13	13	30	35	18.5	25/26	18	8
WMC15	15	36.45	41.5	22.5	30.5	20.5	8
WMC16	16	36.45	41.5	22.5	30.5	20.5	8
WMC16B	16	36.45	41.5	22.5	28	20	8.5
WMC**16T**	16	36.45	41.5	19.3	31.5	20.5	9
WMC16L	16	38.10	43.5	22.5	30.5	20.5	8
WMC16LD	16	38.1	43.5	22.5	28.5	20.5	8
WMC20	20	38/40	43.8	26.5	37	22	9.5
WMC20T	20	40	43.8	28	37	22	9.5



WMC1

技术参数：
压力：≤0.1~0.25MPa
转速：2800~8000转/分
温度：≤100℃~130℃
介质：清水、海水、内燃机防冻液

OPERATING LIMITS
Pressure: ≤0.1~0.25MPa
Rotary Speed: 2800~8000r/min
Temperatur: ≤100℃~130℃
Medium: Clean Water, Seawater
gas engine antifreeze



- 动环（ 陶瓷/碳化硅）
- 静环（ 石墨/碳化硅）
- 辅助密封（ 丁腈胶/氟胶/氢化丁腈胶）
- 弹簧及冲件（ 不锈钢）

- Rotary Ring(Ceramic/SIC)
- Stationary ring(carbon/SIC)
- Secondary seal(NBR/EPDM/VITON/HNBRA)
- Spring & other parts(SUS304/SUS316)

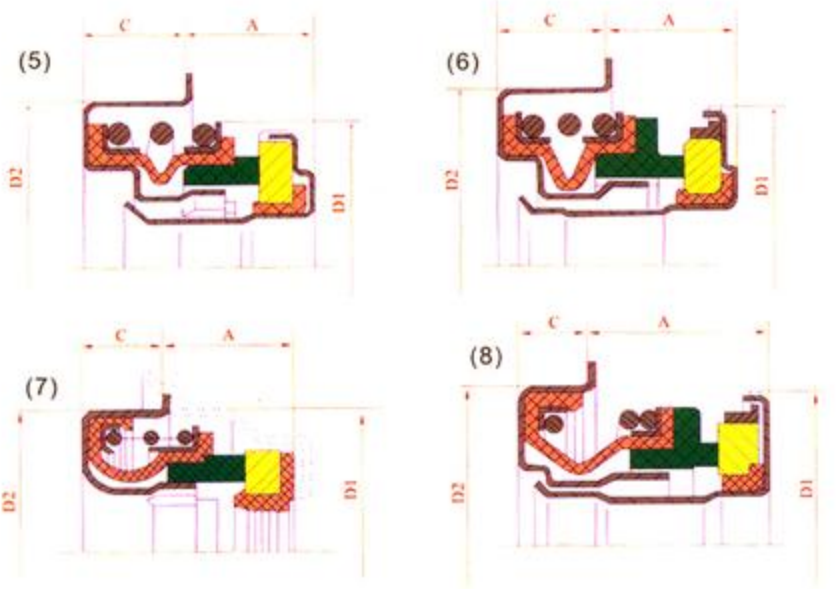
对应结果图例	Model	Shaft d	A	C	D1	D2	Remark
1	C1-12B	12	10±0.2	8.5	26.5	30	C1-12: 491发动机以下缸径适用， C1-15: 国内农用柴油机发动机485以下适用，EQ153，国内大马力柴油机，美国康明斯等适用，EQ491， C1-1204: 小马力轿车动力通用，C1-1604 型水封，二汽雪铁龙，南汽依维柯， C1-12 TYPE, For Engine 491; C1-15 TYPE, Domestic Farim Diesel Engine 485; Eq153, Domestic high horse power diesel Engine Cumins, etc; EQ491,C1-1204, low horse power sedan, Universal TYPE; C1-1604 Iveco, Dong Feng Citeon, Nanjing Iveco
2	C1-12(A)	12	9.7±0.2	8	26.5	30	
2	C1-13	13	9.7±0.2	8	26.5	30	
2	C1-15	15	11±0.2	8	28.8	30	
2	C1-1604	16	12.2±0.4	8	31	36.5	
3	C1-1204	12	8±0.2	8.8	27	33.5	
3	EQ491	12	9.4±0.15	7.5	27	33.5	
4	EQ153	16	11.3±0.4	9.5	33.4	36.5	



WMC2

技术参数：
压力：≤0.1~0.25MPa
转速：2800~8000转/分
温度：≤100℃~130℃
介质：清水、海水、内燃机防冻液

OPERATING LIMITS
Pressure: ≤0.1~0.25MPa
Rotary Speed: 2800~8000r/min
Temperatur: ≤100℃~130℃
Medium: Clean Water, Seawater
gas engine antifreeze



- 动环（ 陶瓷/碳化硅）
- 静环（ 石墨/碳化硅）
- 辅助密封（ 丁腈胶/三元乙丙胶/氟胶）
- 弹簧及冲件（ 不锈钢）

- Rotary Ring(Ceramic/SIC)
- Stationary ring(carbon/SIC)
- Secondary seal(NBR/EPDM/VITON/HNBRA)
- Spring & other parts(SUS304/SUS316)

对应结果图例	Model	Shaft d	A	C	D1	D2	Remark
5	C2-1203	12	9.3±0.15	7.6	27	30.18	C2-1602:美国克莱斯勒，北京切诺基； C2-1205：轿车用高速汽油发动机适用； C2-16：大众2V； C2-1602 TYPE, U.S.A Chrysler, Beijing Cherokee C2-1205 TYPE, For sedan High speed gasoline Engine TYPE; C2-16, Vdkswngen Santana 2V
6	C2-1205	12	9.3±0.15	7.6	27.7	30.1	
6	C2-1205NQ	12	7.8±0.15	8	27.7	30.1	
7	C2-16	16	11.75±0.75	8	36	36.63	
8	C2-1602	16	12.24±0.2	5.8	33	34.29	

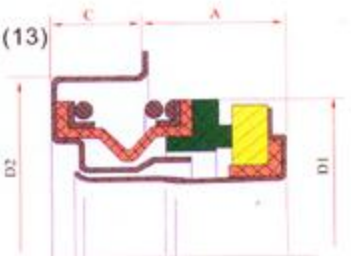


WMC4

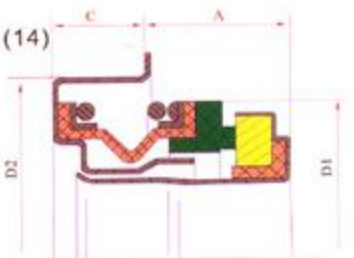
技术参数：
压力：≤0.1~0.25MPa
转速：2800~8000转/分
温度：≤100℃~130℃
介质：清水、海水、内燃机防冻液

OPERATING LIMITS
Pressure: ≤0.1~0.25MPa
Rotary Speed: 2800~8000r/min
Temperatur: ≤100℃~130℃
Medium: Clean Water, Seawater
gas engine antifreeze

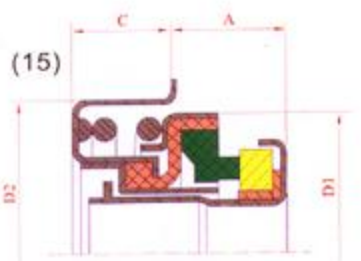
(13)



(14)



(15)



- 动环（ 陶瓷/碳化硅）
- 静环（ 石墨/碳化硅）
- 辅助密封（ 丁腈胶/氟胶/氢化丁腈胶）
- 弹簧及冲件（ 不锈钢）

- Rotary Ring(Ceramic/SIC)
- Stationary ring(carbon/SIC)
- Secondary seal(NBR/EPDM/VITON/HNBRA)
- Spring & other parts(SUS304/SUS316)

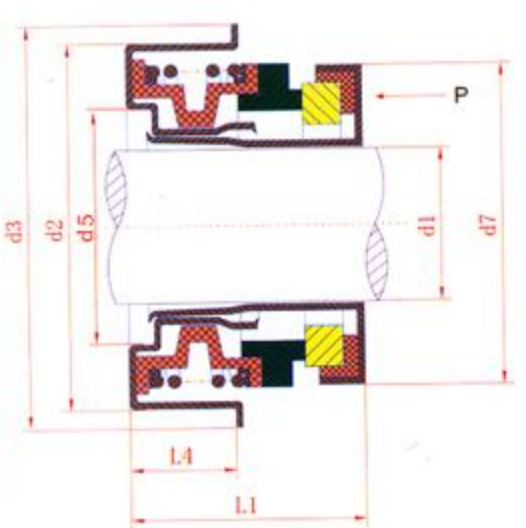
对应结果图例	Model	Shaft d	A	C	D1	D2	Remark
13	C4-1206	12	8.34±0.13	7.6	26.5	30.1	C4-1608:国内大马力柴油机，美国康明斯等适用；C4-1608, Domestic high horse power Diesel Engine, Cumins, etc
13	C4-1028	12	9.7±0.20	8	26.5	30.1	
14	C4-1207	12	8.34±1.13	7.6	26.5	30.1	
15	C4-1608	16	11.4±0.30	9.5	34	36.6	

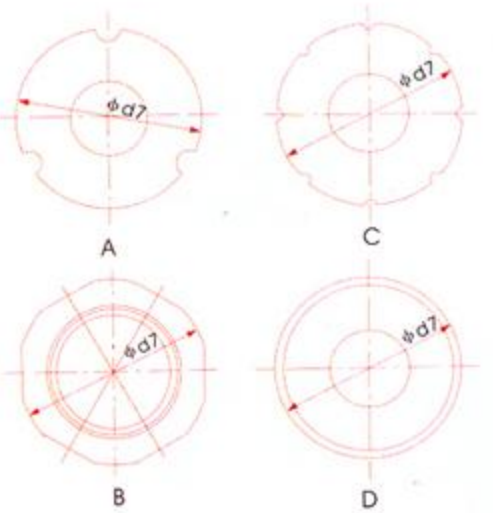


WMC5

OPERATING LIMTS
Pressure: 0.6Mpa

Speed: 10m/s
Temperatue: -30℃~200℃





• Rotary	CERAMIC/SIC/TC
• Stationary ring	CERAMIC/SIC/TC
• Secondary seal	NBR/EPDM/VITON
• Spring & other parts	S.S/SUS304/SUS316

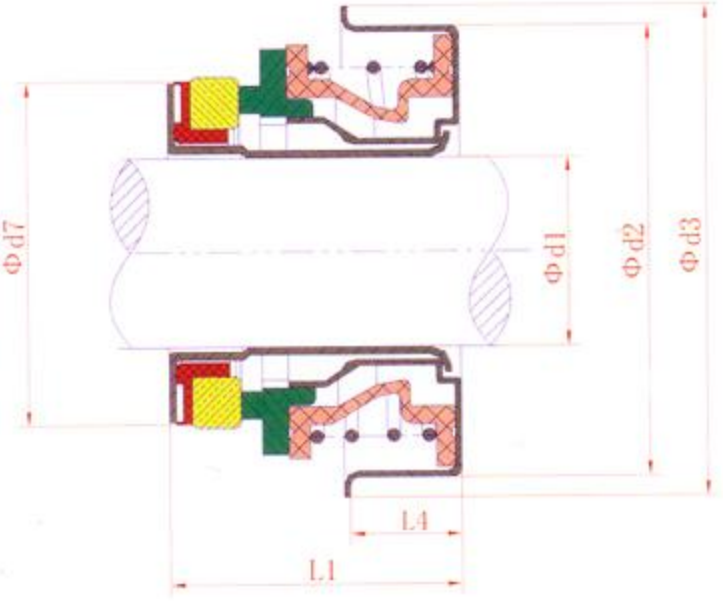
Model	d1	d2	d3	d5	d7	L1	L4
WMC5-1/2 " S	12.70	28.55	32	18.5	25	17.5	8
WMC5-1/2 " M	12.70	30	35	18.5	25	17.5	8
WMC5-5/8 "	15.875	36.45	41.5	22.5	30.5	20.5	8.5
WMC5-3/4 "	19	40	43.8	26.5	37	22	9.5
WMC5-5/8 " A	15.875	36.45	41.5	22	29	20	8.5
WMC5-5/8 " B	15.875	36.45	41.5	22	28	21	8.5
WMC5-3/4 " B	19.05	40	43.8	23	35.8	22	9.2
WMC5-3/4 " C	19.05	40	43.8	23	34	22	9.2
WMC5-3/4 " D	19.05	40	44	22	36.5	19.5	8.6
WMC5-16E	16	36.45	41.5	22.5	28	20.5	8



WMCA

OPERATING LIMTS
Pressure: 0.6Mpa

Speed: 12m/s
Temperatue: -30℃~200℃



• Axial pipe	SUS304/SUS316
• Retainer	SUS304/SUS316
• Bellows	NBR/EPDM/VITON
• Spring	65Mn/SUS304/SUS316
• Rotary ring	Ceramic/SIC/TC
• Stationary ring	Carbon/SIC/TC
• Cup gasket	NBR/EPDM/VITON

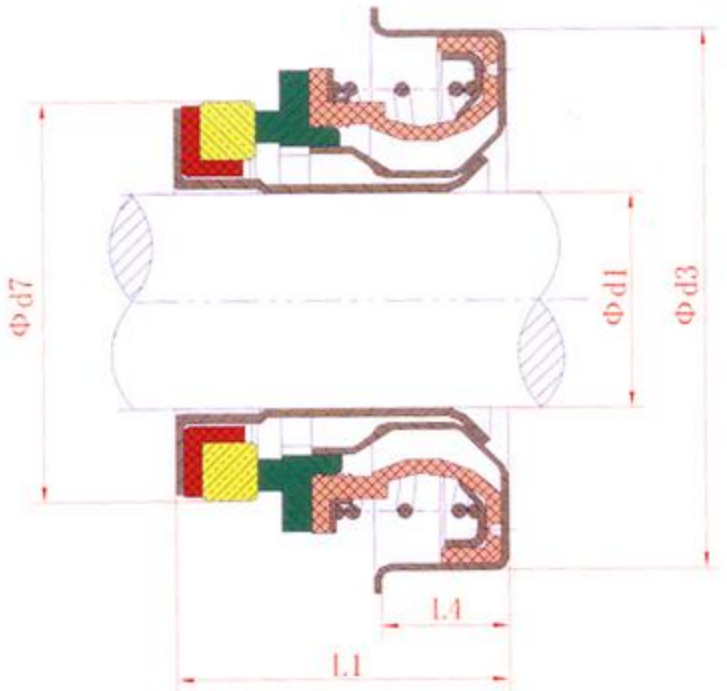
Model	d1	d2	d3	d7	L1	L4
WMCA-12S	12.0	28.55	32.0	24.0	18.5	8.0
WMCA-12M	12.0	30.00	35.0	24.0	18.5	8.0
WMCA-12L	12.0	33.40	38.0	24.0	16.5	6.7
WMCA-16	16.0	36.50	41.6	26.0	20.5	8.0
WMCA-16L	16.0	38.10	43.5	26.0	20.5	8.0
WMCA-16LX	16.0	39.30	43.6	26.0	20.0	8.7
WMCA-20	20	40.00	43.8	29.5	21.5	9.5



WMCA1

OPERATING LIMTS
Pressure: 0.6Mpa

Speed: 15m/s
Temperatue: -30℃~200℃

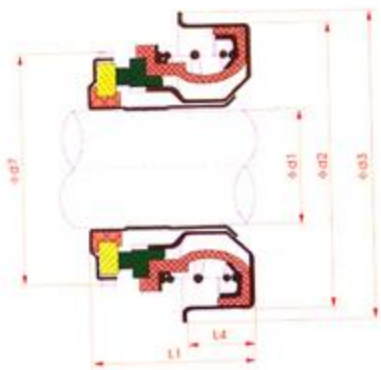


• Axial pipe	SUS304/SUS316
• Retainer	SUS304/SUS316
• Drive ring	SUS304/SUS316
• Bellows	NBR/EPDM/VITON
• Spring	65Mn/SUS304/SUS316
• Spring seat/retainer	SUS304/SUS316
• Rotary ring	Ceramic/SIC/TC
• Stationary ring	Carbon/SIC/TC
• Cup gasket	NBR/EPDM/VITON

Model	d1	d3	d7	L1	L4
WMCA1-12M	12.0	30.0	24.0	20.0	7.5
WMCA1-15	15.0	36.5	29.0	19.9	8.7
WMCA1-16	16.0	36.5	29.0	19.9	8.7
WMCA1-16L	16.0	38.1	29.0	19.8	8.5
WMCA1-20	20.0	40.0	34.0	20.0	9.5
WMCA1-1/2 " A	12.7	30	28.5	14.7	7
WMCA1-16A	16	36.5	32.5	19.4	8



WMCD



OPERATING LIMTS
Pressure: 0.6Mpa

Speed: 10m/s
Temperatue: -30℃~200℃

• Axial pipe	SUS304/SUS316
• Retainer	SUS304/SUS316
• Bellows	NBR/EPDM/VITON
• Spring	65Mn/SUS304/SUS316
• Rotary ring	Ceramic/SIC/TC
• Outside Cup gasket	SUS304/SUS316
• Stationary ring	Carbon/SIC/TC
• Inside Cup gasket	NBR/EPDM/VITON

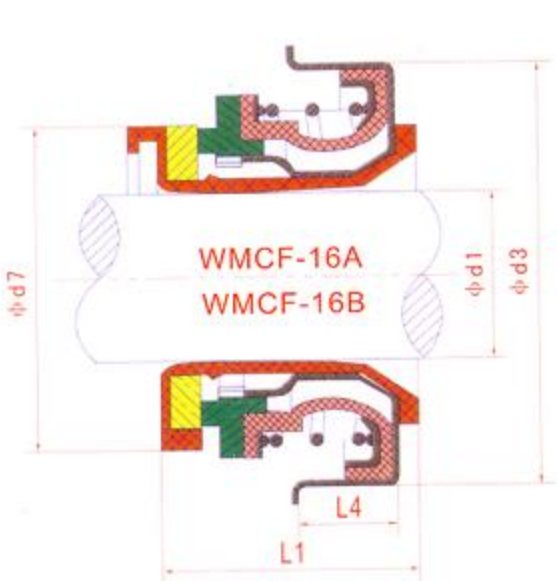
Model	d1	d2	d3	d7	L1	L4
WMCD-16	16.0	34.2	38.8	31.4	18.0	5.6
WMCD-16M	16.0	36.5	41.6	31.4	20.5	8.0
WMCD-16L	16.0	38.1	43.5	31.4	20.5	8.7

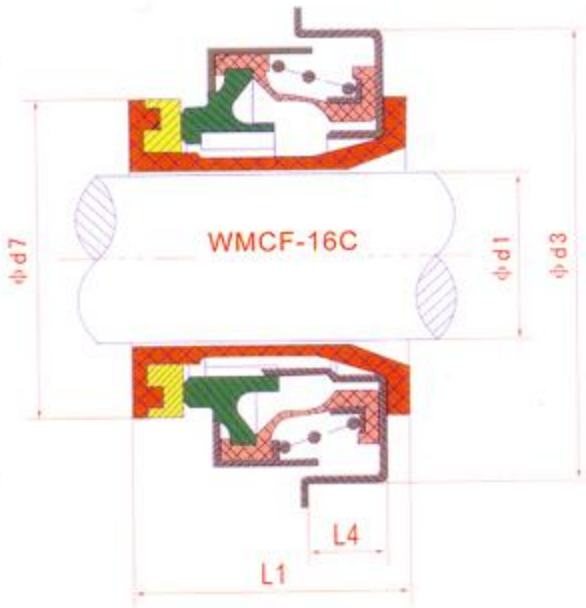


WMCF

OPERATING LIMTS
Pressure: 0.6Mpa

Speed: 12m/s
Temperatue: -30℃~200℃





• Sleeve	NBR/VITON
• Stationary seat	BROZEN H68/SUS304
• Bellows	NBR/VITON
• Spring holder	BROZEN H68/SUS304
• Spring	SUS304/SUS316
• Retainer	BROZEN H68/SUS304
• Stationary ring	CARBON/SIC/TC
• Rotary ring	CERAMIC/SIC/TC

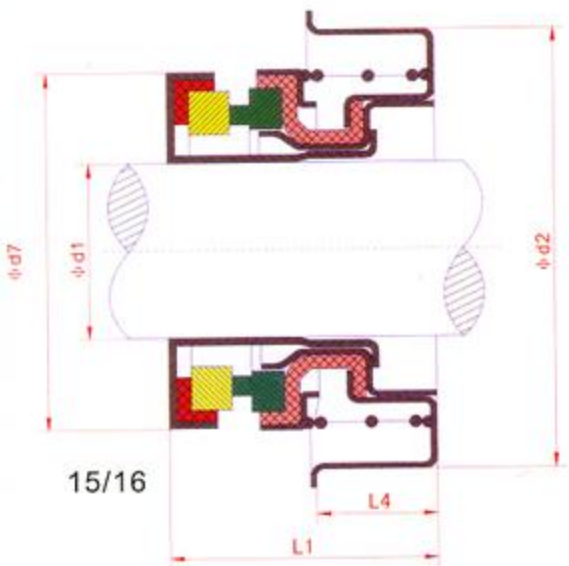
Model	d1	d3	d7	L1	L4
WMCF-16A	16	36.5	28	20.5	7.4
WMCF-16B	16	36.5	31.5	20.5	7.4
WMCF-16C	15	36.5	28.5	20.5	7



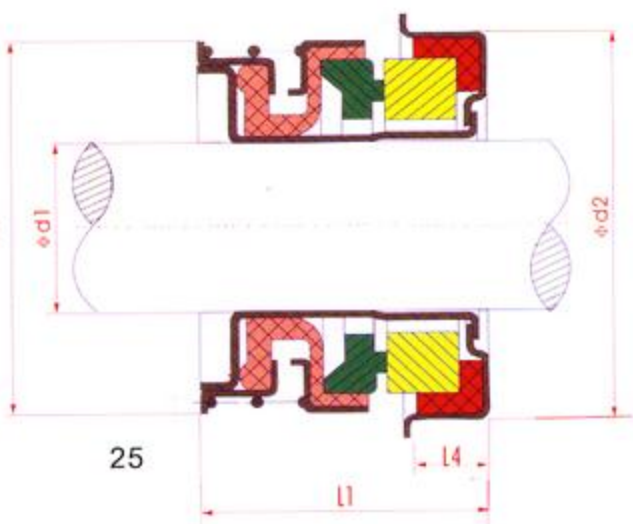
WMCK

OPERATING LIMTS
Pressure: 0.6Mpa

Speed: 10m/s
Temperatue: -20℃~200℃



15/16



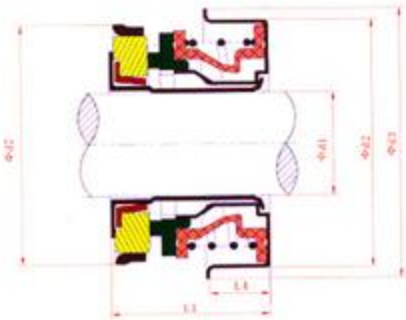
25

• Sleeve	SUS304/SUS316
• Stationary seat	SUS304/SUS316
• Drive ring	SUS304/SUS316
• Bellows	NBR/EPDM/VITON
• Spring	65Mn/SUS304/SUS316
• Spring	SUS304/SUS316
• Rotary ring	Ceramic/SIC/TC
• Stationary ring	Carbon/SIC/TC
• Cup gasket	NBR/EPDM/VITON

Model	d1	d3	d7	L1	L4
WMCK-15	15.0	36.5	32.5	19.2	9.5
WMCK-16S	16.0	36.5	28/28.5	21.0	9.5
WMCK-16L	16.0	36.5	32.5	19.2	9.5
WMCK-25	25	41.3	40.8	30	8.8



WMCW



OPERATING LIMTS
Pressure: 0.6Mpa

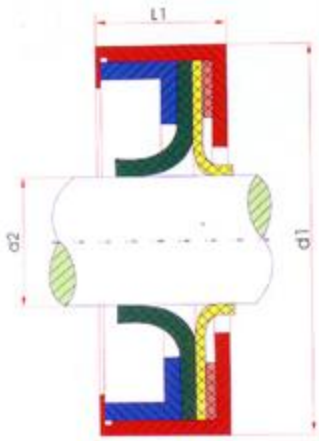
Speed: 10m/s
Temperatue: -20℃~200℃

Stationary seat	SUS304/SUS316
Drive ring A	SUS304/SUS316
Spring	SUS304/SUS316
Drive ring B	SUS304/SUS316
Bellows	NBR/EPDM/VITON
Stationary ring	Carbon/SIC/TC
Rotary ring	SUS304/SUS316
Gasket	NBR/EPDM/VITON
Sleeve	SUS304/SUS316

Model	d1	d2	d3	d7	L1	L4
WMCW-12	12	30	35	26.5	17.6	8
WMCW-12A	12	30	34	26.5	16.9	7.6
WMCW-15	15	36.5	40	31.2	19	8.5



WMPTO1



OPERATING LIMTS
Pressure: 0.5Mpa

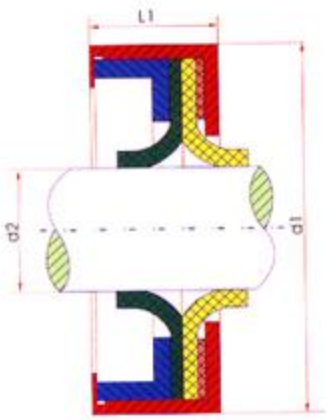
Speed: 30m/s
Temperatue: -180℃~250℃

Model	d1	d2	L1	Cummuns No.
WMPTO1-55	55	73	13	K series 3016788
WMPTO1-55L	55	81	12	N sereis 39717
WMPTO1-63	63.5	79.5	8	B sereis 3900709
WMPTO1-67	67	94	13	Caterpillar 52522326
WMPTO1-72	72	92	13	Caterpillar 34305551
WMPTO1-75	75	93	8	C sereis 3931927
WMPTO1-91	91	121	12	N sereis 3004317
WMPTO1-110	110	140	13	K sereis 3016787
WMPTO1-130	130	150	14	B sereis 3925529
WMPTO1-151	151	171	16	N sereis 39823
WMPTO1-152	152.5	130	10.5	Caterpillar 20067012
WMPTO1-152L	152.6	130	10.5	Caterpillar 52522091
WMPTO1-185	185	206	13	K series 3082142

- External frame Steel
- Internal frame Steel
- Main lip Teflon
- Secondary lip Teflon
- Gasket Silicon rubber



WMPTO2



OPERATING LIMTS
Pressure: 0.5Mpa

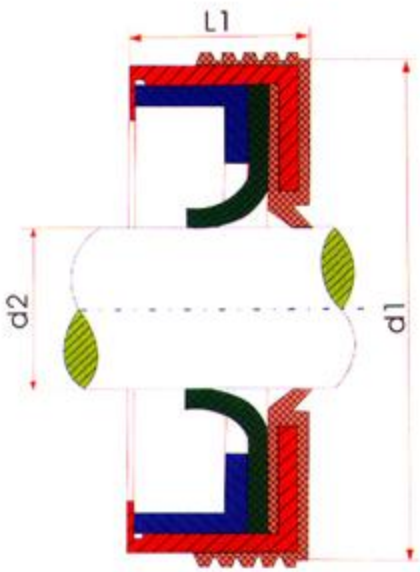
Speed: 30m/s
Temperatue: -180℃~250℃

- External frame Steel
- Internal frame Steel
- Upper Main lip Teflon
- Main lip Teflon
- Gasket Silicon rubber

Model	d1	d2	L1	Cummuns No.
WMPTO2-55	55	81	12	N series 3004316
WMPTO2-151	151	171	11	N sereis 3006737
WMPTO2-151L	151	171	16	N sereis 39823
WMPTO2-186	186	160.5	9.7	Caterpillar 7C4297



WMPT03



Single lip, rubber embraced frame

OPERATING LIMTS
Pressure: 0.5Mpa

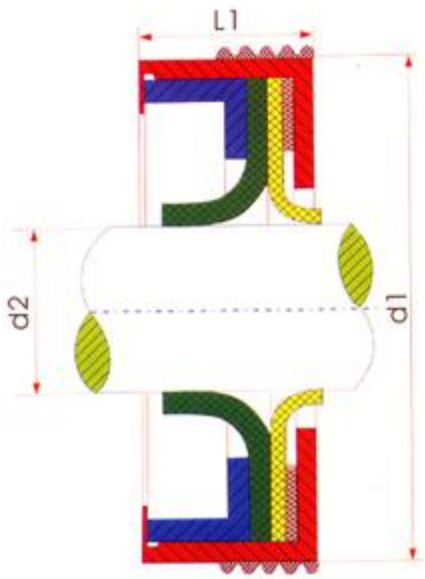
Speed: 30m/s
Temperatue: -180℃~250℃

Model	d1	d2	L1	Cummins No.
WMPTO3-130	130	150	14	C series 3933262

- External frame Steel
- Internal frame Steel
- Main lip Teflon
- Gasket Silicon rubber



WMPT04



OPERATING LIMTS
Pressure: 0.5Mpa

Speed: 30m/s
Temperatue: -180℃~250℃

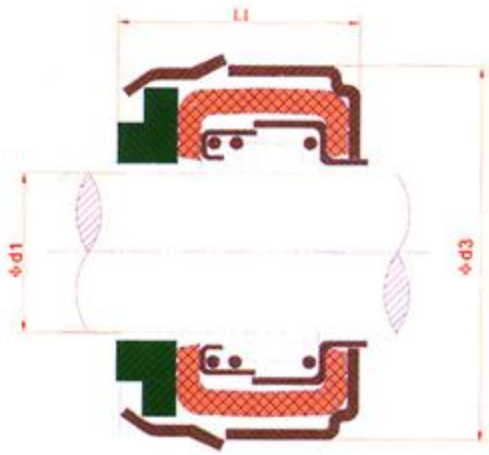
Main & auxiliary lips rubber embraced frame

Model	d1	d2	L1	Cummins No.
WMPTO4-130	130	150	14	B series 3925529

- External frame Steel
- Internal frame Steel
- Main lip Teflon
- Secondary lip Teflon
- Gasket Silicon rubber
- Rubber-Type Silicon rubber



WMT



OPERATING LIMTS
Pressure: 0.6Mpa

Speed: 10m/s
Temperatue: -30℃~200℃

- Stationary ring(Sarbon/SIC/TC)
- Secondary Seal(NBR/EPDM/VITON)
- Spring & Other Parts(Copper/S.S)

Model	d1	d3	L1
WMT-08	16	36.5	16.5
WMT-08S	16	33.4	14.5
WMT-04	20	43	18
WMT-02S	25	51	25.5
WMT-02M	25	52	23
WMT-02L	25	52.5/52	29