

专业成就品牌质量 服务解决客户需求

Professional achievement of brand quality, service to solve customer needs



Hong Teng

MECHANICAL SEAL CO., LTD



企业简介
Company Indroduction









东莞宏腾密封件有限公司是一家专注于机械密封研发、制造、销售一体的公司，生产的产品包括:釜用机械密封、集装式机械密封、搅拌机机械密封、汽车冷却泵机械密封、金属波纹管机械密封，产品规格种类齐全。产品广泛应用于石油、化工、印染、泵阀、食品、制药、等行业。产品适用于连城、南方、苏尔寿、格兰富、凯士比、荏原、飞力、阿发拉阀、威乐、约翰克兰等知名水泵厂

Dongguan Hongteng Seal Co., Ltd. is a company specializing in the research and development, manufacturing, and sales of mechanical seals. Its products include kettle mechanical seals, containerized mechanical seals, mixer mechanical seals, automotive cooling pump mechanical seals, and metal bellows mechanical seals, with a complete range of product specifications. The product is widely used in industries such as petroleum, chemical, printing and dyeing, pump and valve, food, pharmaceuticals, etc.

The product is suitable for well-known water pump factories such as Liancheng, Nanfang, Sulzer, Grundfos, KSB, EBARA, FLYGT, Alfa Laval, Wilo, John Crane, etc

材料类型 Material Type

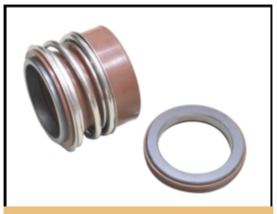
材料类型 Type	EN12756代号 Code	材料简写 Symbol	名称 Name	
密封面材料 / Seal ring material				
石墨类 Carbon	A	M106D	浸锑石墨	Antimony impreg.Carbon Graphite
	B	M188K	浸树脂石墨	Resin Impregnated Carbon Graphite
碳化硅类 Silicon Carbide	Q_1	SSiC	无压烧结碳化硅	Silicon Carbide,Sintered Pressureless
	Q_{12}		镶装无压烧结碳化硅	Silicon Carbide,Sintered Pressureless(shrunk-in)
	Q_2	SiC	反应烧结碳化硅	Silicon Carbide,Reaction bonded
	Q_{22}		镶装反应烧结碳化硅	Silicon Carbide,Reaction bonded(shrunk-in)
	Q_3		浸硅碳	Reaction Silicon Carbide with Graphite
	Q_{32}		镶装浸硅碳	Reaction Silicon Carbide with Graphite(shrunk-in)
	Q_4		表面渗硅碳	Sintered Silicon Carbide with SB
硬质合金类 Tungsten Carbide	U_1	YG6/YG8	钴基硬质合金	Co-binder Tungsten Carbide
	U_{12}		镶装钴基硬质合金	Co-binder Tungsten Carbide(shrunk-in)
	U_2	YWN8	镍基硬质合金	Ni-binder Tungsten Carbide
	U_{22}		镶装镍基硬质合金	Ni-binder Tungsten Carbide(shrunk-in)
	U_3	W7	镍钴钼基硬质合金	NiCrMo-binder Tungsten Carbide
	U_{32}		镶装镍钴钼基硬质合金	NiCrMo-binder Tungsten Carbide(shrunk-in)
陶瓷类 Ceramics	V	99.7%AL_2O_3	氧化铝99.7%	Ceramic(Al-Oxide) 99.7%
	V_2	97.5%AL_2O_3	氧化铝97.5%	Ceramic(Al-Oxide) 97.5%
塑料类 Plastic	Y_1		填充玻璃纤维PTFE	PTFE,Glassfibre Reinforced
	Y_2		填充石墨PTFE	PTFE,Carbon Reinforced
辅助密封类 / Secondary seal materials				
橡胶类弹性体 Rubber Elastomer	B	IIR	丁基橡胶	Butyl Rubber
	E	EPDM	三元乙丙橡胶	Ethylene Propylene
	K	FFKM	全氟橡胶	Perfluoroelastomer(Kalrez,Chemraz)
	N	CR	氯丁橡胶	Chloroprene Rubber
	P	NBR	丁腈橡胶	Nitrile
	S	MVQ	硅橡胶	Silicon Rubber
	V	FPM	氟橡胶	Fluorocarbon Rubber
	X	FEPM	四丙氟橡胶	Tetrapropyl Fluoro Elastomer
包覆弹性体 Coated Elastomer	M_1	PTFE+FPM	双层PTFE包覆的氟橡胶	FPM,with PTFE Wrapped
	M_2	PTFE+EPR	双层PTFE包覆的乙丙橡胶	EPR,with PTFE Wrapped
	M_3	PTFE+MVQ	双层PTFE包覆的硅橡胶	MVQ,with PTFE Wrapped
	M_4	PTFE+CR	双层PTFE包覆的氯丁橡胶	CR,with PTFE Wrapped
	M_5	FEP	聚全氟乙丙烯包覆的氟橡胶	Fluorocarbon Rubber with Poly Ethylene Propylene
非弹性体 Nonelastic	Y_1		非石棉密封垫	Non Asbestos Gasket
	G		柔性石墨	Expanded graphite
	T	PTFE	聚四氟乙烯	Polyfluortetraethylene
	T_2		填充玻璃纤维PTFE	PTFE,Glassfibre Reinforced
	T_3		填充石墨PTFE	PTFE,Carbon Reinforced
	T_{12}		填充碳石墨的PTFE	PTFE,Carbon Graphite
弹性及其他结构材料 / Spring and other metal materials				
弹性材料 Spring Material	G		316L	
	M		Hast.C4	
结构材料 Metal Material	F		304	
	F_1		2Cr13/3Cr13	
	G		316L	
	M		Hast.C4	
	M_1		Hast.B2	
	M_3		Carp.20	
	M_4		Monel.K50	
	M_5		Hast.c276	
	T_2		TA2	
	T_4		Carp.42	
	T_6		AM350	
	M_6		Incon.718	

宏腾机械密封
HONG TENG MECHANICAL SEAL CO.,LTD

分体式密封件 Component Seal


HT MG1 1


HT MG12 2


HT MG13 3

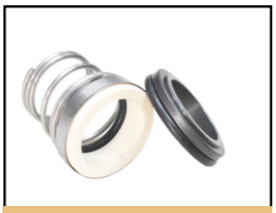

HT BIA 4

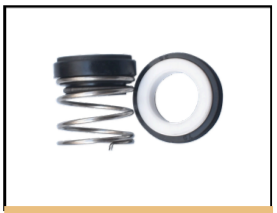

HT 560A 5


HT 104 6

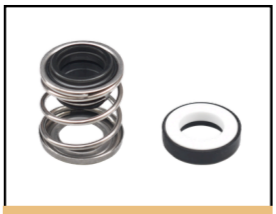

HT 108 7


HT 202/208 8


HT 155/155B 9


HT 156 10


HT 166 11


HT 70 12


HT 301 13


HT FBD 14


HT M3N 15


HT 2100 16


HT GX 17


HT XJ(E) 18


HT M7N 19


HT M74D 20-21


HT H7N 22


HT H74D 23-24


HT 58U/59U 25


HT 58B/59B 26


HT 527 27

分体式密封件 Component Seal


HT 2500 28


HT HJ92N 29


HT H12N 30


HT 502 31


HT 103B 32


HT 104B 33


HT 551A 34-35


HT 551B 34-35


HT 1523 36


HT 1527 37


HT 102B 38


HT 105B 39


HT 8B1/8B1T 40


HT 108U 41


HT 109B 42


HT 110B 43


HT 112 44


HT 113 45


HT 114 46


HT 120 47


HT 121 48


HT T1 49


HT T2 50


HT 126 51


HT 212 52

宏腾机械密封
HONG TENG MECHANICAL SEAL CO.,LTD

分体式密封件 Component Seal


HT 202A 53


HT 224 54


HT WB2 55


HT 21 56

金属波纹管机械密封 Metal Bellow Seals


HT 606 57


HT 609 58


HT MFL65 59


HT MFLWT 60


HT MFL85N 61

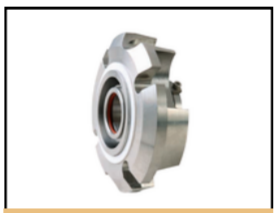

HT 680 62

单/双端面集装式机械密封 Single & Double Cartridge Seal


HT 4610 63


HT 4620 64


HT 5610 65


HT 5615 66


HT 5620 67


HT Cartex-DN 68


HT Convertor 2 69


HT CURC 70


HT HR 71


HT H75VK 72

单/双端面集装式机械密封 Single & Double Cartridge Seal


HT MA390 73


HT C1PX 74


HT C2PP 75


HT CDSS 76


HT GBX-100-X 77


HT Mtex-D 78


HT 141 79

专业泵密封 OEM Pump Mechanical Seal Grundfos


HT CR 80


HT CR3R 81


HT CR4R 81


HT GF03 82


HT GF04 83


HT GF05 83


HT SE 84


HT GF01 85


HT 114 85


HT GF06 85


HT GLF-SA 85


HT CR-3R 86


HT CR-SR 86


HT CR-6R 86


HT CR-S6R 86

宏腾机械密封
HONG TENG MECHANICAL SEAL CO.,LTD

专业泵密封 OEM Pump Mechanical Seal


HT GLF-43 86


HT SE 86


HT Lowara 87


HT Lowara 88


HT Lowara 88

专业泵密封 OEM Pump Mechanical Seal Flygt


HT FS-20 89


HT FS-35 89


HT FS-45 89


HT X 90


HT XA 90


HT FS-P-L60 91


HT FS-P-U60 91


HT FS-Q-U60 91


HT FS-Q-L60 91


HT FS-R-U60 92


HT FS-R-L60 92


HT FS-N-U45 92


HT FS-N-L45 92


HT FS-O-U45 93


HT FS-O-L45 93


HT FS-S-L80 93


HT FS-S-U90 93


HT FS-Z-L24 94


HT FS-Z-U25 94


HT FS-W-U105 94


HT FS-W-L105 94

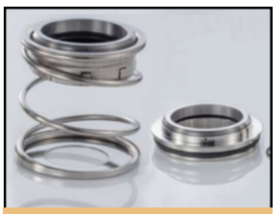

HT FS-T-L120 95


HT FS-120 95

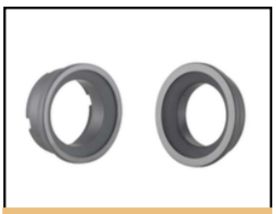
宏腾机械密封
HONG TENG MECHANICAL SEAL CO.,LTD

专业泵密封 OEM Pump Mechanical Seal


HT EMU 95

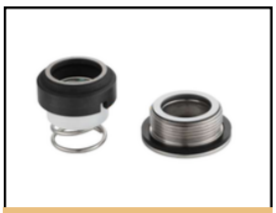

HT VGD 96


HT GR 96


HT APV-01 97


HT APV-03 97


HT APV-04 97


HT AL-01 98


HT Al-03 98


HT AL-04 98


HT AL-W03S 98


HT AL-06 99


HT AL-LKH 99


HT AL-07 99


HT AL-11 99


HT 560D 100


HT 560DE 101


HT 560DF 101


HT UNE5 101


HT UNE-25 101


HT TRC-01 102


HT DSL 102


HT QY 102


HT SP 102


HT 4OM 103

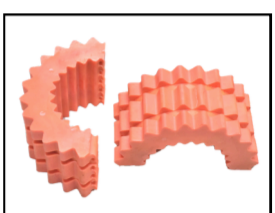

HT T1 103


HT J580B-2A” 103


HT Blackmer 103


HT XEDXM 104


HT PTFE 105


HT Coupling 105-108

宏腾机械密封
HONG TENG MECHANICAL SEAL CO.,LTD



HT-MG1

参数:

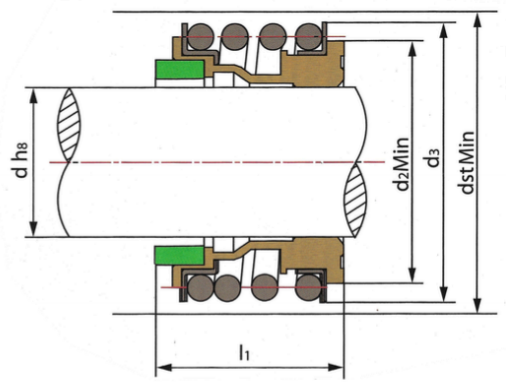
压力: ≤1.2MPa
线速度: ≤15m/sec
温度: -20℃~+120℃

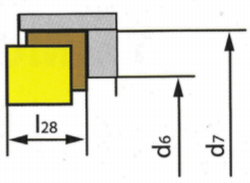
parameter:

Pressure: ≤1.2MPa
Speed: ≤15/sec
Temperature: -20℃~+120℃

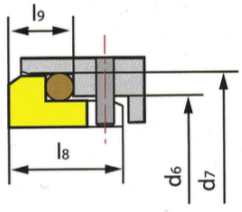
- Rotary Ring: (Carbon/Sic/TC)
- Staric Ring: (Sic/Tc)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

HT MG1				
d/size	d2(d7)	d3 (Max)	d st	l1 (+0.5)
8	21	21.0	23	14.0
10	21	22.5	24	14.5
12	23	25.0	26	15.0
14	25	28.5	30	17.0
15	27	28.5	30	17.0
18	27	28.5	30	17.0
19	33	32.0	33	19.5
20	35	36.5	38	21.5
22	35	37.0	38	21.5
24	37	27.0	38	21.5
28	39	42.5	44	22.5
30	40	42.5	44	23.0
32	43	49.0	50	26.5
33	45	49.0	50	26.5
35	48	53.5	55	27.5
40	48	53.5	55	27.5
42	50	57.0	59	28.5
43	56	59.0	61	30.0
45	58	62.0	64	30.0
48	61	65.5	67	30.0
53	61	65.5	67	30.0
55	63	68.0	70	30.0
58	66	70.5	74	30.5
60	70	74.0	77	30.5
65	73	78.5	81	33.0
70	75	81.0	83	35.0
75	78	85.5	88	37.0
80	80	88.5	91	38.0
85	85	93.5	96	40.0
90	90	96.5	100	40.0
100	92	99.5	103	40.0
	97	107.0	110	40.0
	105	112.0	116	40.0
	110	120.0	124	41.0
	115	127.0	131	45.0
	120	132.0	136	46.0
	125	137.0	140	47.0

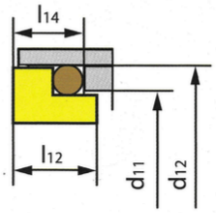




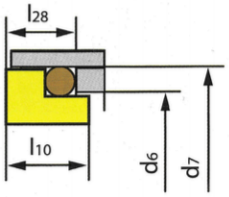
G60



G9



G4



G6

参数:

压力: ≤1.2MPa
线速度: ≤15m/sec
温度: -20℃~+120℃

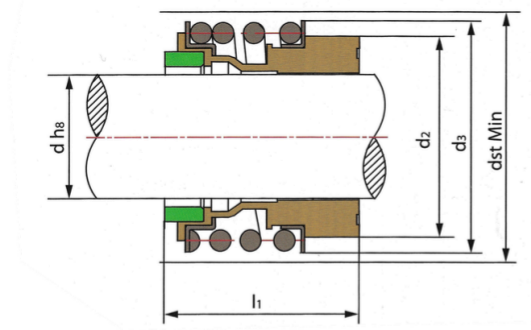
parameter:

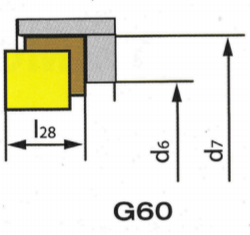
Pressure: ≤1.2MPa
Speed: ≤15m/sec
Temperature: -20℃~+120℃



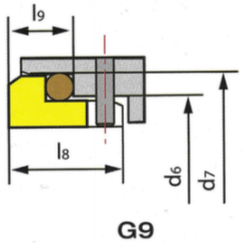
HT-MG12

- Rotary Ring: (Carbon/Sic/TC)
- Staric Ring: (Sic/Tc)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

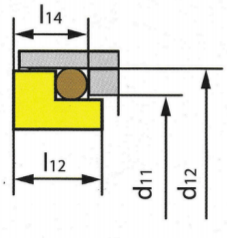




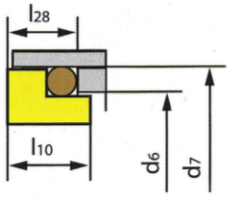
G60



G9



G4



G6

HT MG12				
d/size	d2	d3 (Max)	11 (±0.5)	d7
	22.0	22.5	28.5	23
	25.0	28.5	28.4	25/28/30
	27.0	29.0	25.0	32
18	29.0	31.0	30.0	33/35
19	33.0	36.0	30.0	35
20	33.0	36.0	30.0	35
22	33.0	36.0	34.0	37
24	38.0	42.0	31.0	40
25	38.0	42.0	31.0	40
28	44.0	48.0	38.0	44
30	44.0	48.0	39.5	46
32	45.0	52.0	39.5	48
33	45.0	52.0	39.5	48
35	50.0	55.0	41.0	50
38	53.0	58.0	40.0	56
40	55.0	61.0	41.5	58
43	58.0	65.0	40.0	61
45	64.0	68.0	43.0	63
48	67.0	72.0	44.5	66
50	68.0	72.0	44.0	70
53	71.0	78.5	46.0	73
55	72.0	79.0	44.0	75
58	73.5	85.5	46.0	78
60	79.0	87.5	51.0	80
65	83.0	92.0	48.0	85
68	90.0	96.5	41.2	88
70	90.0	97.0	64.0	93
75	97.0	107.0	48.7	97
80	105.0	112.0	48.0	105
85	110.0	120.0	46.0	110
90	115.0	127.0	51.0	115
95	120.0	132.0	51.0	120
100	125.0	137.0	51.0	125



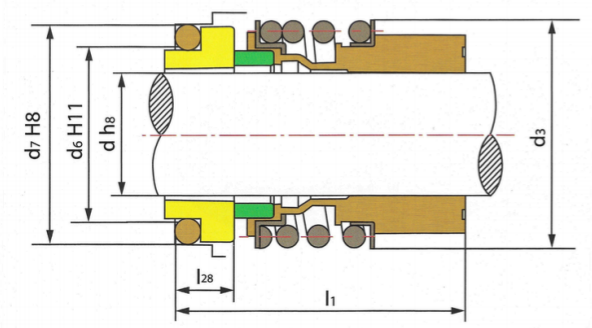
HT-MG13

参数:

压力: ≤1.2MPa
线速度: ≤15m/sec
温度: -20℃~+140℃

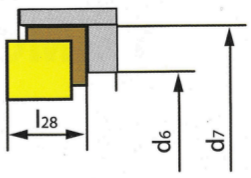
parameter:

Pressure: ≤1.2MPa
Speed: ≤15m/sec
Temperature: -20℃~+120℃

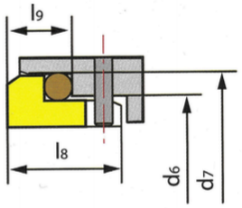


- Rotary Ring: (Carbon/Sic/TC)
- Staric Ring: (Sic/Tc)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

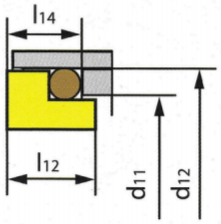
HT MG13				
d/size	d_3 (Max)	d_7	l_1 (±0.5)	l_{28}
20	37.0	35	37.5	7.5
22	37.0	37	37.5	7.5
24	42.5	39	42.5	7.5
25	42.5	40	42.5	7.5
28	49.0	43	42.5	7.5
30	49.0	45	42.5	7.5
32	53.5	48	47.5	7.5
35	57.0	50	47.5	7.5
38	59.0	56	46.0	9.0
40	62.0	58	46.0	9.0
42	65.5	61	51.0	9.0
43	65.5	61	51.0	9.0
45	68.0	63	51.0	9.0
48	70.5	66	51.0	9.0
50	74.0	70	50.5	9.5
53	78.5	73	59.0	11.0



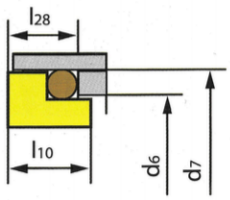
G60



G9



G4



G6

参数:

压力: ≤1.2MPa
线速度: ≤13m/sec
温度: -20℃~+150℃

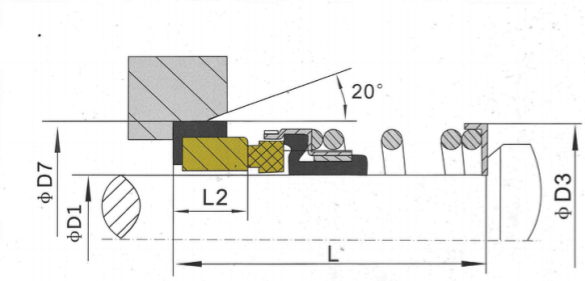
parameter:

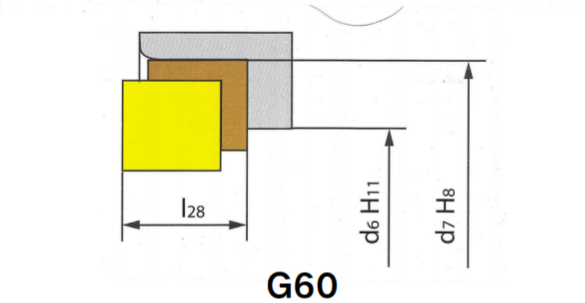
Pressure: ≤1.2MPa
Speed: ≤13m/sec
Temperature: -20℃~+150℃



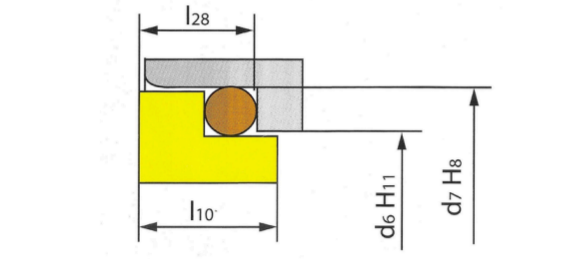
HT-BIA

- Rotary Ring: (Carbon/Sic/TC)
- Staric Ring: (Sic/Tc)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)





G60

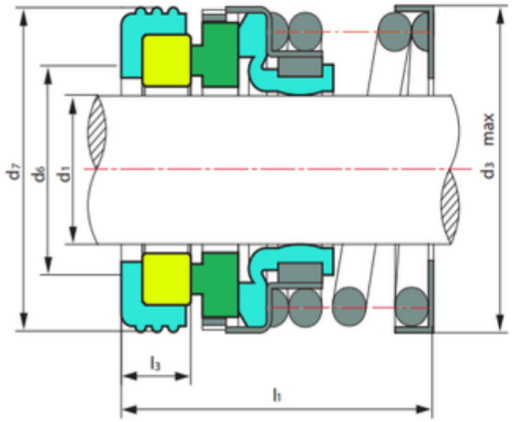


G6

HT BIA				
d/size	D3	D7	L	L2
14	27.0	30.0	23.7	5.0
16	28.5	32.0	26.0	5.0
18	30.5	35.0	30.0	7.5
20	31.5	35.0	29.0	8.0
25	39.0	40.0	33.5	8.0
28	42.0	43.0	33.5	8.0
30	44.0	45.0	34.5	9.0
32	46.0	48.0	42.5	9.0
33	47.0	48.0	42.5	9.0
35	49.0	50.0	42.5	9.0
38	54.0	56.0	42.5	9.0
40	56.0	58.0	42.5	9.0
43	59.0	61.0	46.0	9.5
45	61.0	63.0	47.5	9.5
48	64.0	66.0	47.5	9.5
50	66.0	70.0	47.5	9.5
53	69.0	73.0	50.5	9.5
55	71.0	75.0	50.5	9.5
58	79.0	78.0	51.5	9.5
60	80.0	80.0	51.5	9.5
70	90.0	92.0	56.0	11.0



HT-560A



参数:

压力: ≤1.0MPa
线速度: ≤13m/sec
温度: -30℃~+200℃

parameter:

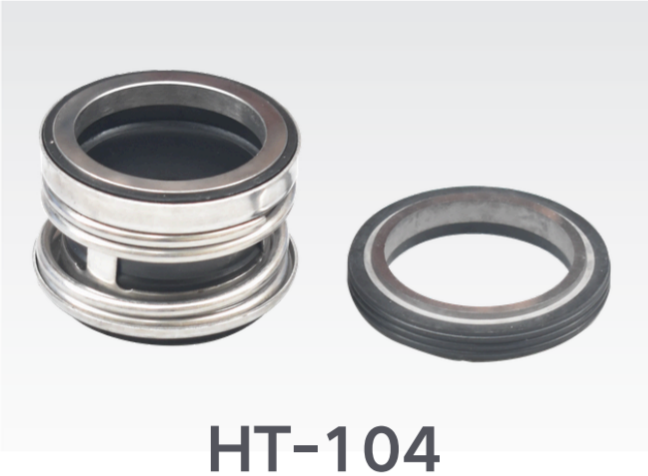
Pressure: ≤1.0MPa
Speed: ≤13m/sec
Temperature: -30℃~+200℃

- 动环: (热压石墨/车制石墨/碳化硅/碳化钨)
- 静环: (陶瓷/碳化硅/碳化钨)
- 辅助密封: (丁青胶/三元乙丙/氟橡胶)
- 弹簧及冲压件: (304/316)

- Rotary Ring: (Plastic Carbon/MK Carbon/SIC/TC)
- Staric Ring: (CE/SIC/TC)
- Secondary Seal: (NBR/EPDM/VITON)
- Spring and other: (304/316)

HT-560A						
Model	d1	d3	d6	d7	11	13
HT-560A-10	10	23.5	16	24	25	7.0
HT-560A-11	11	23.5	16	24	25	7.0
HT-560A-12	12	26.0	17	26	25	7.0
HT-560A-14	14	28.0	21	28	25.5	7.0
HT-560A-15	15	30.0	21	28	29.5	7.0
HT-560A-16	16	32.0	22	32	33.5	10.0
HT-560A-18	18	32.5	25	35	36.5	10.0
HT-560A-19	19	32.5	25	35	36.5	10.0
HT-560A-20	20	35.5	27	38	38	10.0
HT-560A-22	22	37.5	29	40	40.3	10.0
HT-560A-25	25	42.0	32	44	39.3	10.0
HT-560A-28	28	47.0	34	46	40	10.0
HT-560A-30S	30	46.0	35	45	38.2	7.5
HT-560A-30L	30	48.0	38	50	40	10.0
HT-560A-32	32	50.0	40	54	40	10.0
HT-560A-35	35	54.5	44	58	42	10.0
HT-560A-38	38	58.5	46	60	42.6	10.0
HT-560A-40	40	62.5	48	64	42.6	10.0
HT-560A-45	45	66.5	52	66	45	10.0
HT-560A-50	50	72.5	58	72	54.6	11.5
HT-560A-55S	55	72.0	60	75	59.4	12.0

HT-560A						
Model	d1	d3	d6	d7	11	13
HT-560A-55L	55	76.0	60	78	59.8	12.0
HT-560A-60	60	80.0	65	80	63.0	12.0
HT-560A-65	65	85.0	70	85	64.0	13.0
HT-560A-70	70	92.0	75	92	60.0	11.0
Model	d1(inch)	d3	d6	d7	11	13
HT-560A-3/8″	9.525	23.5	14.3	22.230	28.6	7.9
HT-560A-1/2″	12.700	26.0	17.5	25.400	28.6	7.9
HT-560A-5/8″	15.875	30.0	20.6	31.750	32.5	10.3
HT-560A-3/4″	19.050	32.5	23.8	34.930	32.5	10.3
HT-560A-7/8″	22.225	37.5	27.0	38.100	34.1	10.3
HT-560A-1″	25.400	44.0	30.2	41.280	36.5	11.1
HT-560A-1 1/8″	28.575	48.0	33.3	44.450	38.1	11.1
HT-560A-1 1/4″	31.750	50.0	36.5	47.630	38.1	11.1
HT-560A-1 3/8″	34.925	54.5	39.7	50.800	39.7	11.1
HT-560A-1 1/2″	38.100	58.5	42.9	53.980	39.7	11.1
HT-560A-1 5/8″	41.275	64.0	46.0	60.330	47.6	12.7
HT-560A-1 3/4″	44.450	67.0	49.2	63.500	47.6	12.7
HT-560A-1 7/8″	47.625	71.0	52.4	66.680	50.8	12.7
HT-560A-2″	50.800	73.5	55.6	69.850	50.8	12.7
HT-560A-2 1/8″	53.975	75.6	/	76.200	57.2	14.3
HT-560A-2 1/4″	57.150	80.0	65.0	79.380	57.2	14.3
Ht-560A-2 3/8″	60.325	79.6	/	82.550	57.2	14.3
Ht-560A-2 1/2″	63.500	84.9	70.0	85.730	60.3	14.3
Ht-560A-2 5/8″	66.675	84.6	/	85.725	65.1	15.9
Ht-560A-2 3/4″	69.850	93.0	/	88.900	65.1	15.9
Ht-560A-3″	76.200	102.0	/	98.425	68.3	15.9



HT-104

参数:

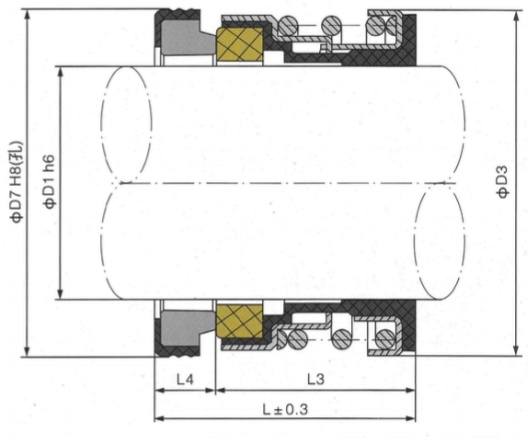
压力: ≤0.6MPa
线速度: ≤5m/sec
温度: -20℃~+100℃

parameter:

Pressure: ≤0.6MPa
Speed: ≤5m/sec
Temperature: -20℃~+100℃

HT-104					
d/size	D3	D7	L	L3	L4
9	20.0	22	20	14.5	5.5
10	20.0	22	20	14.5	5.5
12	22.0	24	20	14.5	5.5
14	24.0	26	25	18.0	7.0
15	26.0	28	25	18.0	7.0
16	26.0	28	25	18.0	7.0
17	31.0	34	25	18.0	7.0
18	31.0	34	25	18.0	7.0
19	33.0	36	25	18.0	7.0
20	33.0	36	25	18.0	7.0
22	36.0	38	25	18.0	7.0
25	39.0	41	37	28.0	9.0
30	43.5	46	37	28.0	9.0
35	50.5	51	37	28.0	9.0
40	56.0	60	40	29.5	10.5
45	63.5	65	40	29.5	10.5

- **Rotary Ring: (Carbon/Sic/TC)**
- **Staric Ring: (Sic/Tc)**
- **Secondary Seal: (NBR/VITON)**
- **Spring & other(SS304/SS316)**



参数:

压力: ≤0.6MPa
线速度: ≤5m/sec
温度: -20℃~+100℃

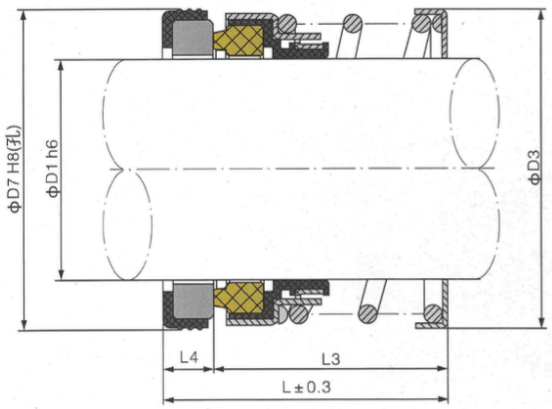
parameter:

Pressure: ≤0.6MPa
Speed: ≤5m/sec
Temperature: -20℃~+100℃



HT-108

- Rotary Ring: (Carbon/Sic/TC)
- Staric Ring: (Sic/Tc)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)



HT-108				
d/size	D3	D7	L3	L4
8	17.0	15.0	14.7	5.3
10	21.0	21.0	14.7	5.3
11	23.0	24.0	14.7	5.3
12	23.0	26.0	14.7	5.3
14	25.5	26.0	19.7	5.3
15	27.5	27.0	19.7	5.3
16	27.5	27.0	19.7	5.3
17	32.5	33.0	19.7	5.3
18	32.5	33.0	19.7	5.3
19	33.0	35.0	19.2	5.8
20	33.0	35.0	19.2	5.8
22	38.0	37.0	21.8	6.2
25	40.0	40/41	25.0	7.5
28	43.0	43.0	27.0	8.0
30	45.5	45.0	27.0	8.0
35	51.0	50.0	29.0	8.0
40	57.5	58.0	30.5	9.5
45	63.0	63.0	30.5	9.5
50	71.0	70.0	33.5	11.5
55	75.5	75.0	33.5	11.5



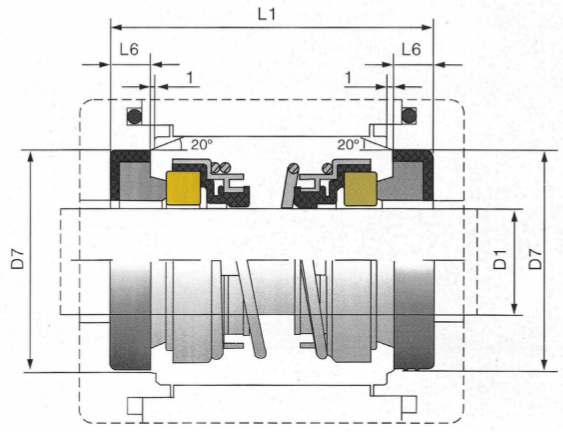
HT-202/208

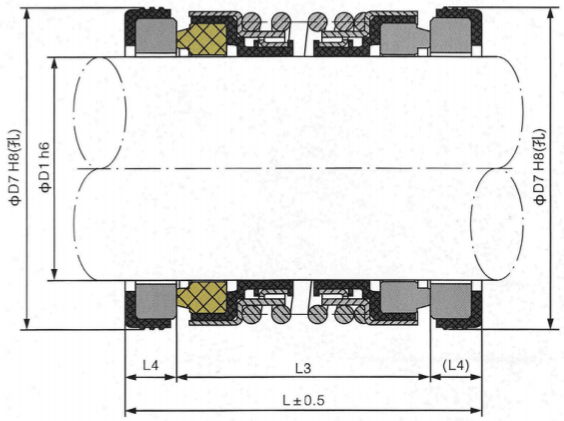
参数:

压力: ≤1.6MPa
线速度: ≤10m/sec
温度: -20℃~+80℃

parameter:

Pressure: ≤1.6MPa
Speed: ≤10m/sec
Temperature: -20℃~+80℃





HT-202			
d/size	D7	L1	L6
14	26/28	38/42	7.0
16	28/30	38/45	7.0
17	34/35	38/43/48	7.0
18	34/35	38/43/48	7.0
20	36	40/42/47	7.0
22	38	45	7.0
25	41	51	9.0
30	46	51	9.0
35	51	51	9.0
40	60	61	10.5
45	65	61	10.5

HT-208			
d/size	D7	L3	L4
10	22	20	5.0
12	23/24	20/28	5.0
14	26/28	28	5.0
15	27/28	28	5.0
16	27/28	28	5.0
17	33/35	28/32	5.0
18	33/35	28	5.0
20	35/36	30	5.0
22	36/37	30/35	6.0
25	40/41	32	8.0
30	45	35	8.0
35	50	35	8.0
40	58	44	8.5
45	63	44	8.5
50	70	50	9.5
55	75	51	9.5

HT-155					
d/size	D3	D6	D7	L3	L4
10	20.0	14.0	18.1	15.0	5.5
11	22.0	16.5	20.6	18.0	5.5
12	22.0	16.5	20.6	18.0	5.5
13	25.0	18.5	23.1	22.0	6.0
14	25.0	18.5	23.1	22.0	6.0
15	29.0	21.5	26.9	23.0	7.0
16	29.0	21.5	26.9	23.0	7.0
17	29.0	21.5	26.9	23.0	7.0
18	33.0	24.5	30.9	24.0	8.0
19	33.0	26.0	30.9	25.0	8.0
20	33.0	26.0	30.9	25.0	8.0
21	38.0	29.0	35.4	25.0	8.0
22	38.0	29.0	35.4	25.0	8.0
23	38.0	29.0	35.4	27.0	8.0
24	38.0	29.0	35.4	27.0	8.0
25	40.0	31.5	38.2	27.0	8.5
28	46.0	37.5	43.3	30.0	9.0
29	46.0	37.5	43.3	30.0	9.0
30	46.0	37.5	43.3	30.0	9.0
32	46.0	37.5	43.3	30.0	9.0
33	48.0	45.0	53.5	39.0	11.5
35	50.0	45.0	53.5	39.0	11.5
38	58.0	52.0	60.5	39.0	11.5
40	58.0	52.0	60.5	39.0	11.5

HT-155B					
d/size	D3	D6	D7	L3	L4
10	20.0	17.0	21.0	15.0	7.0
12	22.0	19.0	23.0	18.0	7.0
14	25.0	21.0	25.0	22.0	7.0
16	29.0	23.0	27.0	23.0	7.0
18	33.0	27.0	33.0	24.0	10.0
20	33.0	29.0	35.0	25.0	10.0
22	38.0	31.0	37.0	25.0	10.0
24	38.0	33.0	39.0	27.0	10.0
25	40.0	34.0	40.0	27.0	10.0
28	46.0	37.0	43.0	29.0	10.0
30	46.0	39.0	45.0	30.0	10.0
32	46.0	42.0	48.0	30.0	10.0
33	48.0	42.0	48.0	39.0	10.0
35	50.0	44.0	50.0	39.0	10.0
38	58.0	49.0	56.0	42.0	13.0
40	58.0	51.0	58.0	42.0	13.0



HT-155/155B

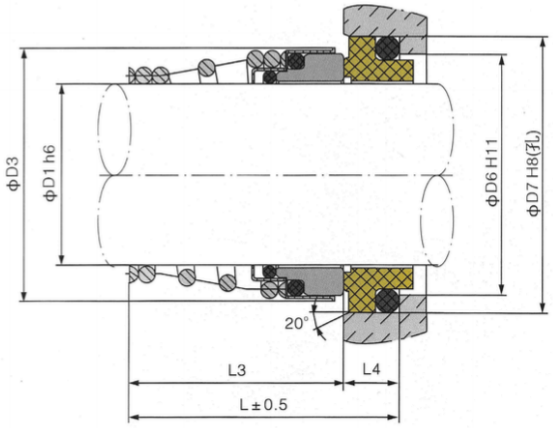
参数:

压力: ≤0.6MPa
线速度: ≤13m/sec
温度: -20℃~+100℃

parameter:

Pressure: ≤0.6MPa
Speed: ≤13m/sec
Temperature: -20℃~+100℃

- **Rotary Ring: (Carbon/Sic)**
- **Staric Ring: (Ceramic/Sic)**
- **Secondary Seal: (NBR/VITON)**
- **Spring & other(SS304/SS316)**





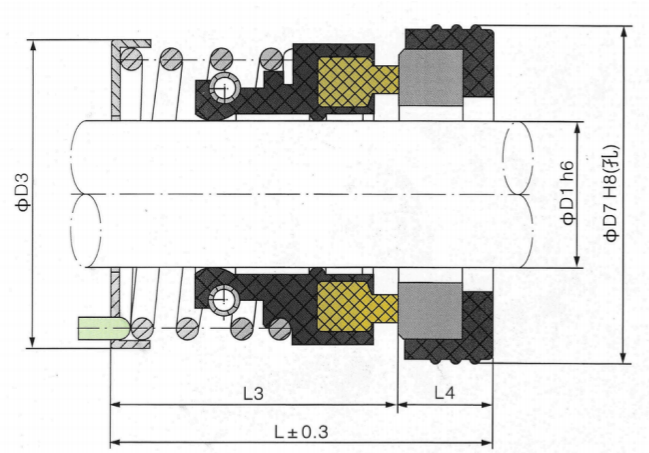
HT-156

参数:

压力: ≤0.4MPa
线速度: ≤5m/sec
温度: -20℃~+80℃

parameter:

Pressure: ≤0.4MPa
Speed: ≤5m/sec
Temperature: -20℃~+80℃



- **Rotary Ring: (Carbon/Sic)**
- **Staric Ring: (Ceramic/Sic)**
- **Secondary Seal: (NBR/VITON)**
- **Spring & other(SS304/SS316)**

HT-156				
d/size	D3	D7	L3	L4
8	16.0	18.0	11.5	6.5
9	20.0	21.0	16.5	6.5
10	20.0	22.0	16.5	6.5
11	20.0	24.0	16.5	6.5
12	22.5	26.0	17.5	6.5
13	22.5	26.0	17.0	7.0
14	24.5	28.0	18.0	7.0
15	24.5	28.0	18.0	7.0
16	28.5	32.0	19.0	8.0

参数:

压力: ≤0.5MPa
线速度: ≤10m/sec
温度: -20℃~+150℃

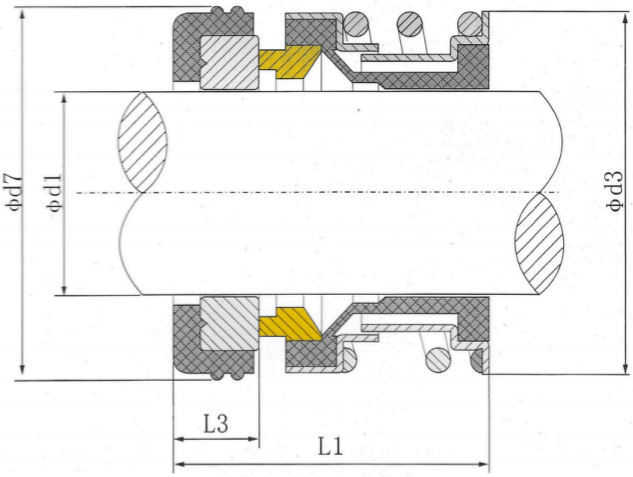
parameter:

Pressure: ≤0.5MPa
Speed: ≤10m/sec
Temperature: -20℃~+150℃



HT-166

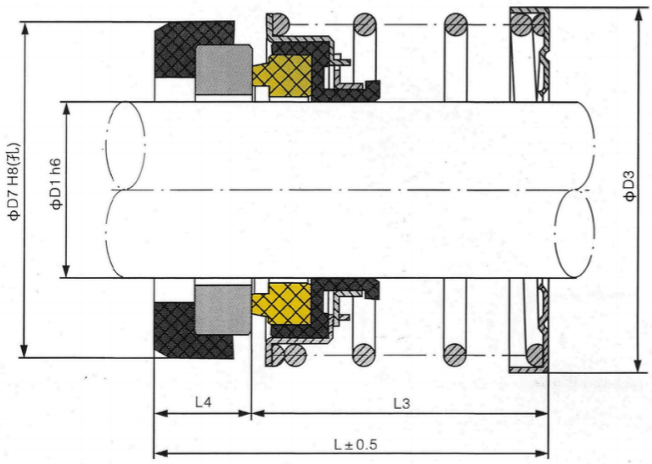
- Rotary Ring: (Carbon/Sic)
- Staric Ring: (Ceramic/Sic)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)



HT-166					
d/size	d(mm)	D3	D7	L1	L3
3/8″	9.525	23.29	22.225	23.8	7.14
1/2″	12.7	23.29	25.4	23.01	6.35
5/8″	15.875	30.1	31.75	28.55	10.31
3/4″	19.05	33.07	37.925	28.55	10.31
7/8″	22.225	36.3	38.1	30.94	10.31
1″	25.4	39.42	41.275	31.72	11.1



HT-70



参数:

压力: ≤0.4MPa
线速度: ≤10m/sec
温度: -20℃~+100℃

parameter:

Pressure: ≤0.4MPa
Speed: ≤10m/sec
Temperature: -20℃~+100℃

- Rotary Ring: (Carbon/Sic)
- Staric Ring: (Ceramic/Sic)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

HT-70				
d/size	D3	D7	L3	L4
13	31.5	29.5	24.0	8.0
14	31.5	29.5	24.0	8.0
15	31.5	29.5	18.0	8.0
16	31.5	29.5	18.0	8.0
20	37.0	35.0	14.5	5.5
25	44.2	40.0	16.0	6.0
30	48.6	45.0	17.5	6.5
35	54.0	50.0	19.0	7.0
40	60.4	58.0	20.0	8.0

参数:

压力: ≤0.4MPa
线速度: ≤10m/sec
温度: -20℃~+100℃

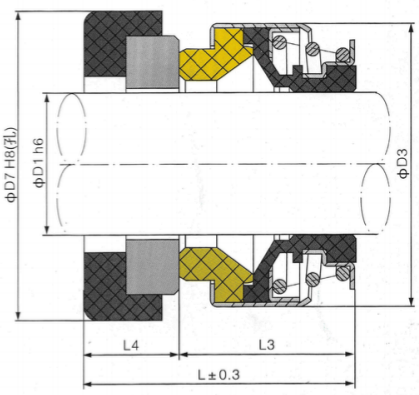
parameter:

Pressure: ≤0.4MPa
Speed: ≤10m/sec
Temperature: -20℃~+100℃

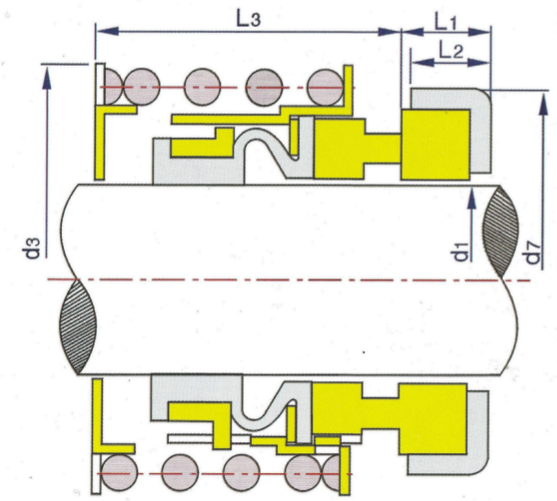


HT-301

HT-301				
d/size	D3	D7	L3	L4
6	18.0	18.0	10.0	4.0
8S	18.0	22.0	11.0	4.0
8M	20.0	21.0	13.0	6.0
8L	24.0	26.0	11.0	8.0
10	24.0	26.0	11.0	8.0
11	24.0	26.0	13.0	8.0
12	24.0	26.0	13.0	8.0
13	24.0	26.0	13.0	5.5
13H	24.0	26.0	13.0	8.0
14S	26.0	28.0/28.5	13.0	8.0
14M	28.0	28.0/28.5	13.0	8.0
14L	32.0	29.5/38.0	13.0	8.0
15S	28.0	30.0	13.0	8.0
15M	32.0	29.5	13.0	8.0
15L	39.0	38.0	13.0	8.0
16S	39.0	30.0	13.0	8.0
16M	39.0	29.5	13.0	8.0
16L	39.0	42.0	13.0	8.0
17	39.0	42.0	13.0	8.0
18	39.0	42.0	13.0	8.0
19	39.0	42.0	13.0	8.0
20S	35.0	38.0	13.0	8.0
20M	39.0	42.0	13.0	8.0
20L	42.0	45.0	13.0	10.0
22S	39.0	42.0	13.0	8.0
22	42.0	45.0	13.0	10.0
23	47.0	50.0	13.5	10.0
24	47.0	50.0	13.5	10.0
25	47.0	50.0	13.5	10.0
25S	41.5	45/50	13.5	10.0
26	47.0	50.0	13.5	10.0
27	47.0	50.0	13.5	10.0
28	54.0	57.0	15.0	10.0
30	54.0	57.0	15.0	10.0
32	54.0	57.0	15.0	10.0
35	60.0	63.0	16.0	10.0
38	65.0	68.0	18.0	12.0
40	65.0	68.0	18.0	12.0
45	70.0	73.0	20.0	12.0
50	85.0	88.0	23.0	15.0
55	85.0	88.0	23.0	15.0
60	105.0	110.0	30.0	15.0
65	105.0	110.0	30.0	15.0
70	105.0	110.0	32.0	15.0



- Rotary Ring: (Carbon/Sic/TC)
- Staric Ring: (Sic/Tc)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)





HT-FBD

参数:

压力: ≤1.2MPa
线速度: ≤10m/Sec
温度: -20℃~+150℃

parameter:

Pressure: ≤1.2MPa
Speed: ≤10m/Sec
Temperature: -20℃~+150℃

- Rotary Ring: (Carbon/Sic/TC)
- Staric Ring: (Ceramic/Sic/Tc)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

介质:水，油类，以及其他弱腐蚀性液体
Medium:water,oil and minor corrosive liquid

HT-FBD					
d/size	d3	d7	L1	L2	L3
16	34.0	30	8	6.5	25
19	36.8	32	8	6.5	25
20	38.8	34	8	6.5	25
22	41.5	36	8	6.5	25
25	44.8	39	8	6.5	26
28	48.5	43	8	6.5	26
30	52.0	48	8	6.5	26
35	57.0	53	10	8	30
40	67.0	58	10	8	34
45	73.0	63	10	8	36
50	79.0	68	10	8	41
55	84.0	73	12	10	41
60	90.0	79	12	10	41
65	98.5	86	12	10	49
70	103.5	91	12	10	52
75	110.5	96	12	10	52
80	120.0	105	14	12	56
85	125.0	110	14	12	56
90	132.0	115	14	12	56
95	137.0	120	14	12	56
100	144.0	125	14	12	62
110	157.0	135	16	14	62
120	169.5	145	16	14	72



HT-M3N

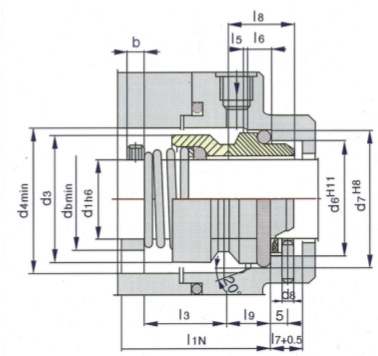
- Rotary Ring: (Carbon/Sic/TC)
- Staric Ring: (Sic/SUS)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

参数:

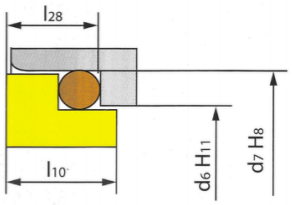
压力: ≤1.2MPa
线速度: ≤12m/Sec
温度: -20℃~+150℃

parameter:

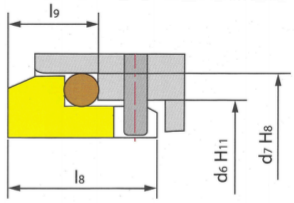
Pressure: ≤1.2MPa
Speed: ≤12/Sec
Temperature: -20℃~+150℃



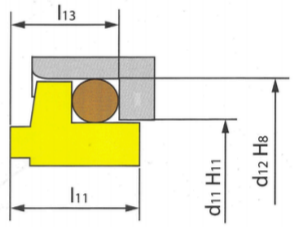
HT-M3N													
d_1/size	d_3	d_6	d_7	d_8	d_b	l_{1N}	l_3	l_5	l_6	l_7	l_8	l_9	R
12	21	19	23	3	16	40	16.0	1.5	4	8.5	17.5	10.0	1.2
14	23	21	25	3	18	40	16.5	1.5	4	8.5	17.5	10.0	1.2
15	24	–	–	–	19	–	–	–	–	–	–	–	1.2
16	26	23	27	3	21	40	18.0	1.5	4	8.5	17.5	10.0	1.5
18	29	27	33	3	23	45	19.5	2.0	5	9.0	19.5	11.5	1.5
20	31	29	35	3	26	45	22.0	2.0	5	9.0	19.5	11.5	1.5
22	33	31	37	3	28	45	21.5	2.0	5	9.0	19.5	11.5	1.5
24	35	33	39	3	30	50	23.5	2.0	5	9.0	19.5	11.5	1.5
25	36	34	40	3	31	50	36.5	2.0	5	9.0	19.5	11.5	1.5
26	37	–	–	–	32	–	–	–	–	9.0	–	–	1.5
28	40	37	43	3	35	50	26.5	2.0	5	9.0	19.5	11.5	1.5
30	43	39	45	3	37	50	26.5	2.0	5	9.0	19.5	11.5	1.5
32	46	42	48	3	39	55	28.5	2.0	5	9.0	19.5	11.5	1.5
33	47	42	48	3	40	55	28.5	2.0	5	9.0	19.5	11.5	1.5
35	49	44	50	3	43	55	28.5	2.0	5	9.0	19.5	11.5	1.5
38	53	49	56	4	45	55	33.5	2.0	6	9.0	22.0	14.0	1.5
40	56	51	58	4	49	55	36.0	2.0	6	9.0	22.0	14.0	1.5
42	59	–	–	–	52	–	–	–	–	9.0	–	–	1.5
43	59	54	61	4	52	60	38.5	2.0	6	9.0	22.0	14.0	1.5
45	61	56	63	4	55	60	39.5	2.0	6	9.0	22.0	14.0	2.5
48	64	59	66	4	58	60	46.0	2.0	6	9.0	22.0	14.0	2.5
50	66	62	70	4	61	60	45.0	2.5	6	9.0	23.0	15.0	2.5
53	69	65	73	4	64	70	47.0	2.5	6	9.0	23.0	15.0	2.5
55	71	67	755	4	66	70	49.0	2.5	6	9.0	23.0	15.0	2.5
58	76	70	78	4	69	70	55.0	2.5	6	9.0	23.0	15.0	2.5
60	78	72	80	4	71	70	55.0	2.5	6	9.0	23.0	15.0	2.5
63	83	75	83	4	74	70	55.0	2.5	6	9.0	23.0	15.0	2.5
65	84	77	85	4	77	80	55.0	2.5	6	9.0	23.0	15.0	2.5
68	88	81	90	4	80	80	55.0	2.5	7	9.0	26.0	18.0	2.5
70	90	83	92	4	83	80	57.0	2.5	7	9.0	26.0	18.0	2.5
75	98	88	97	4	88	80	62.0	2.5	7	9.0	26.0	18.0	2.5
80	100	95	105	4	93	90	61.8	3.0	7	9.0	26.2	18.2	2.5



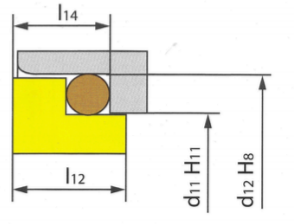
G6



G9



G13



G4



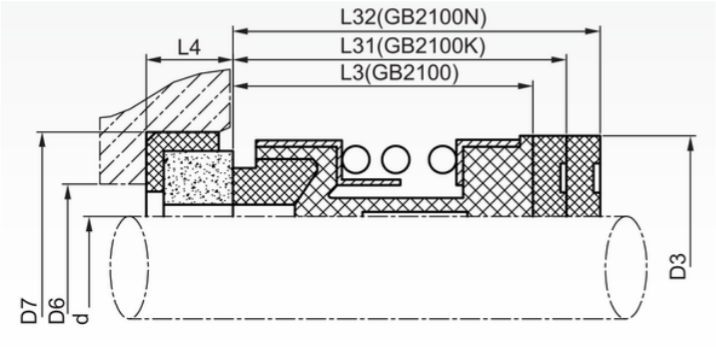
HT-2101

参数:

压力: ≤1.2MPa
线速度: ≤10m/Sec
温度: -20℃~+180℃

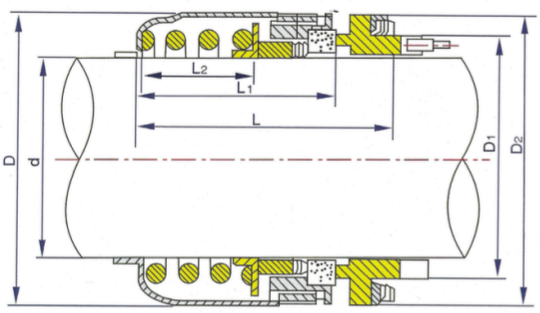
parameter:

Pressure: ≤1.2MPa
Speed: ≤10m/Sec
Temperature: -20℃~+180℃



- Rotary Ring: (Carbon/Sic)
- Staric Ring: (Sic)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

Size	d	D3	D6	D7	L3	L31	L32	L4
10	10	20	15	21	15	27.5	35.0	5.0
12	12	22	17	23	15	26.5	34.0	6.0
14	14	24	19	25	15	29.0	34.0	6.0
15	15	25	20	26	15	29.0	34.0	6.0
16	16	26	23	27	15	29.0	34.0	6.0
18	18	32	25	33	20	31.5	39.0	6.0
20	20	34	27	35	20	31.5	39.0	6.0
22	22	36	29	37	20	31.5	39.0	6.0
24	24	38	31	39	20	34.0	44.0	6.0
25	25	39	32	40	20	34.0	44.0	6.0
28	28	42	35	43	26	36.5	44.0	6.0
30	30	44	37	45	26	35.5	43.0	7.0
32	32	46	40	48	26	35.5	48.0	7.0
33	33	47	40	48	26	35.5	48.0	7.0
35	35	49	42	50	26	34.5	47.0	8.0
38	38	54	47	56	30	37.0	47.0	8.0
40	40	56	49	58	30	37.0	47.0	8.0
43	43	59	52	61	30	37.0	52.0	8.0
45	45	61	54	63	30	37.0	52.0	8.0
48	48	64	57	66	30	35.0	50.0	10.0
50	50	66	60	70	30	37.5	50.0	10.0
53	53	69	63	73	30	37.5	60.0	10.0
55	55	71	65	75	30	37.5	60.0	10.0
58	58	78	68	78	33	42.5	60.0	10.0
60	60	80	70	80	33	40.5	58.0	12.0
63	63	83	73	83	33	40.5	58.0	12.0
65	65	85	75	85	33	40.5	68.0	12.0
68	68	88	79	90	33	40.5	68.0	12.0
70	70	90	81	92	33	48.0	68.0	12.0
75	75	99	86	97	40	48.0	68.0	12.0
80	80	104	92	105	40	47.5	77.5	12.5
85	85	109	97	110	40	47.5	77.5	12.5
90	90	114	102	115	40	52.5	77.5	12.5
95	95	119	117	120	40	52.5	77.5	12.5
100	100	124	122	125	40	52.5	77.5	12.5



parameter:

Pressure: ⩽0.8MPa
Speed: ⩽3000r/min
Temperature: 0℃~+80℃



HT-GX

- Rotary Ring: (Sic/TC)
- Staric Ring: (Ca/Sic/Tc)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

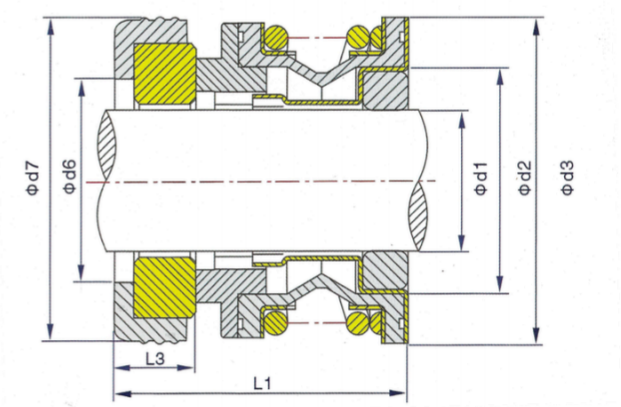
Material

硬质合金(YG6)-石墨浸酚醛树脂
硬质合金(YG6)-石墨浸呋喃树脂
硬质合金(YG6)-硬质合金(YG6)

HT-GX						
d/size	D	D1	D2	L	L1	L2
30	52	40	50	48	35	15
35	57	45	55	50	37	17
40	62	50	60	53	40	20
45	67	55	65	58	45	25
50	72	60	70	63	48	28
55	77	65	75	65	50	30
60	82	70	80	65	50	30
65	92	78	90	72	55	35
70	97	83	95	74	57	37
75	102	88	100	74	57	37
80	107	93	105	81	62	42
85	112	98	110	81	62	42
90	117	103	115	82	63	43



HT-E



parameter:

Pressure: ⩽0.5MPa
Speed: ⩽3000r/min
Temperature: -20℃~+150℃

- Rotary Ring: (Carbon/Sic)
- Staric Ring: (Ceramic/Sic)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

HT-E					
d1/size	d1(mm)	d7	d3	11	13
3/8	9.52	22.225	23.80	22.22	6.20
1/2	12.7	25.40	27.00	22.80	6.20
5/8	15.875	30.1	30.90	26.50	8.70
5/8H	15.875	31.75	30.90	30.00	10.30
3/4	19.05	34.93	34.10	30.00	10.30
7/8	22.22	38.10	42.80	30.90	10.30
1	25.4	41.28	42.80	31.73	11.10

参数:

压力: ≤1.6MPa
线速度: ≤20m/sec
温度: -20℃~+200℃

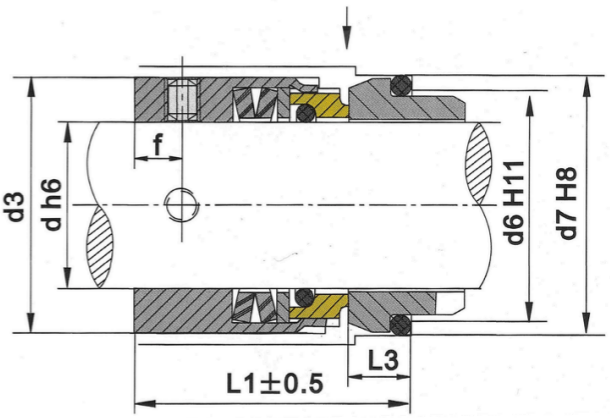
parameter:

Pressure: ≤1.6MPa
Speed: ≤20m/sec
Temperature: -20℃~+200℃

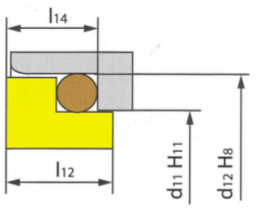


HT-M7N

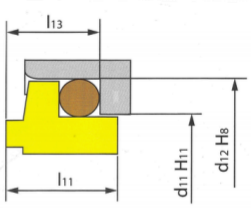
- **Rotary Ring: (Carbon/Sic/TC)**
- **Staric Ring: (Sic/Tc)**
- **Secondary Seal: (NBR/VITON)**



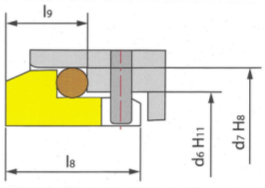
HT-M7N						
d/size	d3	d6	d7	L1	L3	f
14	25.0	21	25.0	35	10.0	6.0
16	27.0	23	27.0	35	10.0	6.0
18	33.0	27	33.0	37.5	11.5	7.0
20	35.0	29	35.0	37.5	11.5	7.0
22	37.0	31	37.0	37.5	11.5	7.0
24	39.0	33	39.0	40.0	11.5	8.0
25	40.0	34	40.0	40.0	11.5	8.0
28	43.0	37	43.0	42.5	11.5	8.0
30	45.0	39	45.0	42.5	11.5	8.0
32	47.0	42	48.0	42.5	11.5	8.0
33	48.0	42	48.0	42.5	11.5	8.0
35	50.0	44	50.0	42.5	11.5	8.0
38	55.0	49	56.0	45.0	14.0	8.0
40	57.0	51	58.0	45.0	14.0	8.0
43	60.0	54	61.0	45.0	14.0	8.0
45	62.0	56	63.0	45.0	14.0	8.0
48	65.0	59	66.0	45.0	14.0	8.0
50	67.0	62	70.0	47.5	15.0	8.0
53	70.0	65	73.0	47.5	15.0	8.0
55	72.0	67	75.0	47.5	15.0	8.0
58	79.0	70	78.0	52.5	15.0	9.0
60	81.0	72	80.0	52.5	15.0	9.0
63	84.0	75	83.0	52.5	15.0	9.0
65	86.0	77	85.0	52.5	15.0	9.0
68	89.0	81	90.0	52.5	18.0	9.0
70	91.0	83	92.0	60.0	18.0	9.0
75	99.0	88	97.0	60.0	18.0	9.0
80	104.0	95	105.0	60.0	18.2	10.0
85	109.0	100	110.0	60.0	18.2	10.0
90	114.0	105	115.0	65.0	18.2	10.0
95	119.0	110	120.0	65.0	17.2	10.0
100	124.0	115	125.0	65.0	17.2	10.0



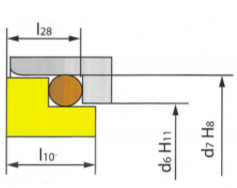
G4



G13

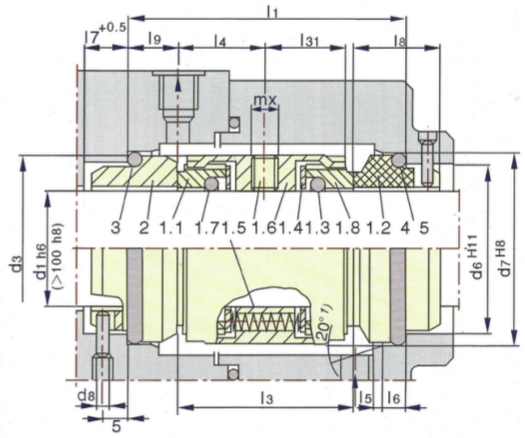


G9



G6





HT-M74D

参数:

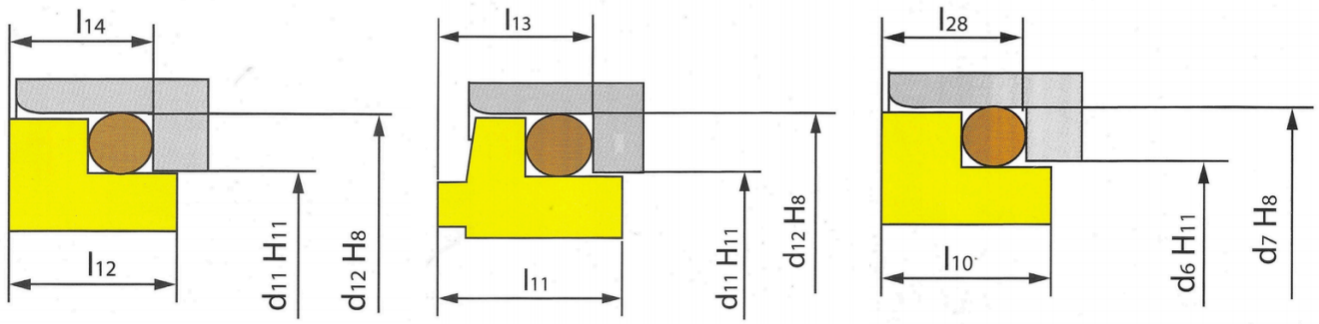
压力: ≤1.6MPa
线速度: ≤20m/Sec
温度: -20℃~+220℃
轴向窜动量:
d1≤100mm ±0.5mm
d1>100mm ±2.0mm

parameter:

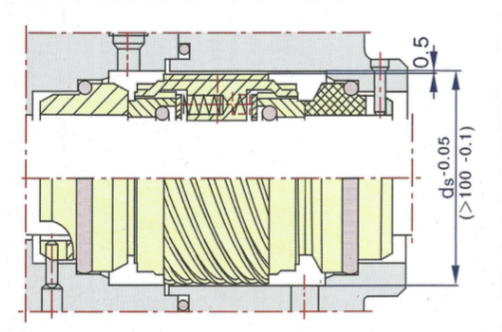
Pressure: ≤1.6MPa
Speed: ≤20/Sec
Temperature: -20℃~+220℃
Axial movement:
d1≤100mm ±0.5mm
d1>100mm ±2.0mm

- Rotary Ring: (Sic/TC)
- Staric Ring: (Sic/Tc)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

Static Ring



G4 G13 G6



HT74F-D带螺纹

HT-M74D														
d_1/size	d_3	d_6	d_7	d_8	l_1	l_3	l_4	l_5	l_6	l_7	l_8	l_9	m_x	t
18	33	27.0	33.0	3	61.0	38	19.0	2.0	5	9	19.5	11.5	M5	3.5
20	35	29.0	35.0	3	61.0	38	19.0	2.0	5	9	19.5	11.5	M5	3.5
22	37	31.0	37.0	3	61.0	38	19.0	2.0	5	9	19.5	11.5	M5	3.5
24	39	33.0	39.0	3	61.0	38	19.0	2.0	5	9	19.5	11.5	M5	3.5
25	40	34.0	40.0	3	61.0	38	19.0	2.0	5	9	19.5	11.5	M5	3.5
28	43	37.0	43.0	3	62.0	39	19.5	2.0	5	9	19.5	11.5	M6	3.5
30	45	39.0	45.0	3	62.0	39	19.5	2.0	5	9	19.5	11.5	M6	3.5
32	47	42.0	48.0	3	62.0	39	19.5	2.0	5	9	19.5	11.5	M6	3.5
33	48	42.0	48.0	3	62.0	39	19.5	2.0	5	9	19.5	11.5	M6	3.5
35	50	44.0	50.0	3	62.0	39	19.5	2.0	5	9	19.5	11.5	M6	3.5
38	55	49.0	56.0	4	69.0	41	20.5	2.0	6	9	22.0	14.0	M6	3.5
40	57	51.0	58.0	4	70.0	42	21.0	2.0	6	9	22.0	14.0	M6	3.5
43	60	54.0	61.0	4	70.0	42	21.0	2.0	6	9	22.0	14.0	M6	3.5
45	62	56.0	63.0	4	70.0	42	21.0	2.0	6	9	22.0	14.0	M6	3.5
48	65	59.0	66.0	4	70.0	42	21.0	2.0	6	9	22.0	14.0	M6	3.5
50	67	62.0	70.0	4	73.0	43	21.5	2.5	6	9	23.0	15.0	M6	3.5
53	70	65.0	73.0	4	73.0	43	21.5	2.5	6	9	23.0	15.0	M6	3.5
55	72	67.0	75.0	4	73.0	43	21.5	2.5	6	9	23.0	15.0	M8	3.5
58	79	70.0	78.0	4	86.0	56	28.0	2.5	6	9	23.0	15.0	M8	3.5
60	81	72.0	80.0	4	86.0	56	28.0	2.5	6	9	23.0	15.0	M8	3.5
63	84	75.0	83.0	4	85.0	55	27.5	2.5	6	9	23.0	15.0	M8	3.5
65	86	77.0	85.0	4	85.0	55	27.5	2.5	6	9	23.0	15.0	M8	3.5
68	89	81.0	90.0	4	91.0	55	27.5	2.5	7	9	26.0	18.0	M8	3.5
70	91	83.0	92.0	4	92.0	56	28.0	2.5	7	9	26.0	18.0	M8	3.5
75	99	88.0	97.0	4	92.0	56	28.0	2.5	7	9	26.0	18.0	M8	3.5
80	104	95.0	105.0	4	92.5	56	28.0	3.0	7	9	26.2	18.2	M8	3.5
85	109	100.0	110.0	4	92.5	56	28.0	3.0	7	9	26.2	18.2	M8	3.5
90	114	105.0	115.0	4	92.5	56	28.0	3.0	7	9	26.2	18.2	M8	3.5
95	119	110.0	120.0	4	90.5	56	28.0	3.0	7	9	25.2	17.2	M8	3.5
100	124	115.0	125.0	4	90.5	56	28.0	3.0	7	9	25.2	17.2	M8	3.5
105	138	122.2	134.3	5	108.0	68	34.0	2.0	10	9	30.0	20.0	M8	3.5
110	143	128.2	140.3	5	110.0	70	35.0	2.0	10	–	30.0	20.0	M8	3.5
115	148	136.2	148.3	5	110.0	70	35.0	2.0	10	–	30.0	20.0	M8	3.5
120	153	138.2	150.3	5	110.0	70	35.0	2.0	10	–	30.0	20.0	M8	3.5
125	158	142.2	154.3	5	110.0	70	35.0	2.0	10	–	30.0	20.0	M8	3.5
130	163	146.2	158.3	5	110.0	70	35.0	2.0	10	–	30.0	20.0	M8	3.5
135	168	152.2	164.3	5	110.0	70	35.0	2.0	10	–	30.0	20.0	M8	3.5
140	173	156.2	168.3	5	110.0	70	35.0	2.0	10	–	30.0	20.0	M8	3.5
145	178	161.2	173.3	5	110.0	70	35.0	2.0	10	–	30.0	20.0	M8	3.5
150	183	168.2	180.3	5	114.0	70	35.0	2.0	10	–	32.0	22.0	M8	3.5
155	191	173.2	185.3	5	127.0	79	39.5	2.0	12	–	34.0	24.0	M8	3.5
160	196	183.2	190.3	5	127.0	79	39.5	2.0	12	–	34.0	24.0	M8	3.5
165	201	188.2	195.3	5	127.0	79	39.5	2.0	12	–	34.0	24.0	M8	3.5
170	206	193.2	200.3	5	127.0	79	39.5	2.0	12	–	34.0	24.0	M8	3.5
175	211	207.5	205.3	5	127.0	79	39.5	2.0	12	–	34.0	24.0	M8	3.5
180	216	207.5	219.3	5	135.0	79	39.5	2.0	12	–	38.0	28.0	M8	3.5
185	221	212.5	224.3	5	135.0	79	39.5	2.0	12	–	38.0	28.0	M8	3.5
190	226	217.5	229.3	5	135.0	79	39.5	2.0	12	–	38.0	28.0	M8	3.5
195	231	222.5	234.3	5	135.0	79	39.5	2.0	12	–	38.0	28.0	M8	3.5
200	236	227.5	239.3	5	135.0	79	39.5	2.0	12	–	38.0	28.0	M8	3.5



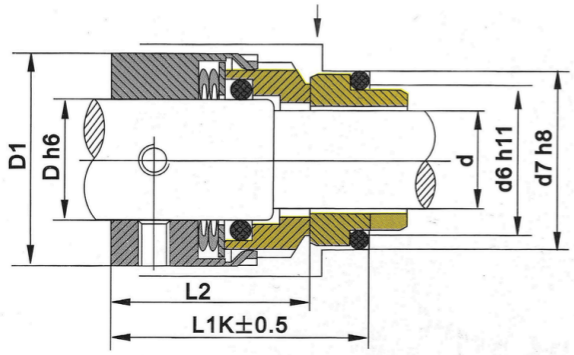
参数:

压力: ≤2.2MPa
线速度: ≤20m/sec
温度: -20℃~+200℃

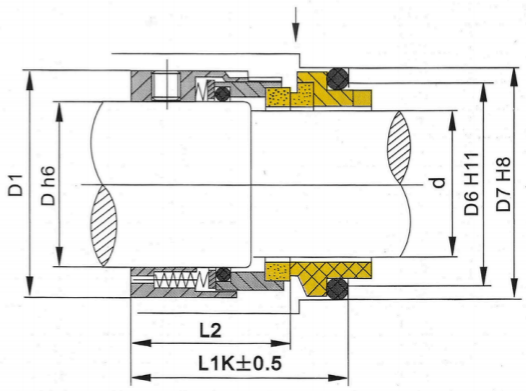
parameter:

Pressure: ≤2.2MPa
Speed: ≤20m/sec
Temperature: -20℃~+200℃

HT-H7N



HT-H7N



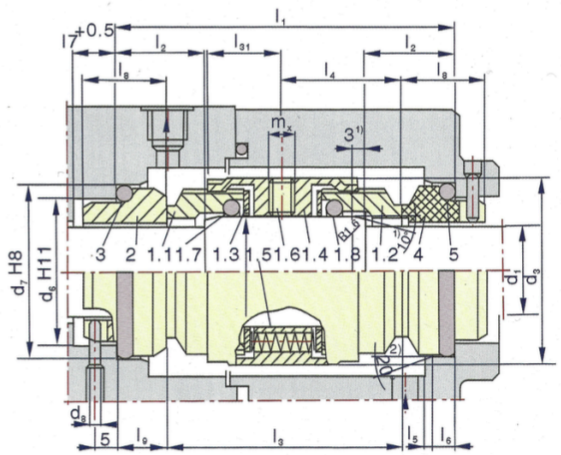
HT-H74

HT-H7N						
d/size	D	D1	D6	D7	L2	L1K
25	30	45	34	40	36.0	47.5
28	33	48	37	43	38.5	50.0
30	35	50	39	45	38.5	50.0
33	38	55	42	48	38.5	50.0
35	40	57	44	50	38.5	50.0
38	43	60	49	56	38.5	52.5
40	45	62	51	58	38.5	52.5
43	48	65	54	61	38.5	52.5
45	50	67	56	63	38.5	52.5
48	53	70	59	66	38.5	52.5
50	55	72	62	70	42.5	57.5
53	58	79	65	73	42.5	57.5
55	60	81	67	75	42.5	57.5
60	65	86	72	80	47.5	62.5
65	70	91	77	85	47.5	62.5
70	75	99	83	92	52	70.0
75	80	104	88	97	52	70.0
80	85	109	95	105	51.8	70.0
85	90	114	100	110	56.8	75.0
90	95	119	105	115	56.8	75.0
95	100	124	110	120	57.8	75.0



H7N uses a wave plate spring structure, while H74 uses a multi spring structure





HT-H74D

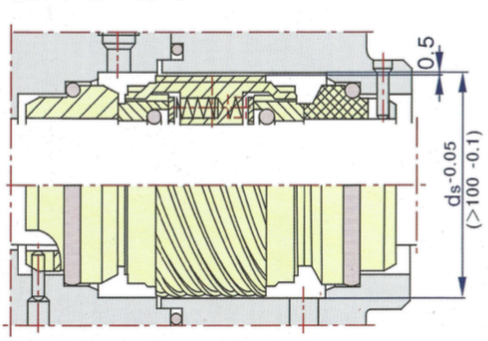
参数:

压力: ≤1.6MPa
线速度: ≤20m/Sec
温度: -20℃~+180℃
轴向窜动量:
d1≤100mm ±0.5mm
d1>100mm ±2.0mm

parameter:

Pressure: ≤1.6MPa
Speed: ≤20/Sec
Temperature: -20℃~+180℃
Axial movement:
d1≤100mm ±0.5mm
d1>100mm ±2.0mm

- Rotary Ring: (Sic/TC)
- Staric Ring: (Ca/Sic/Tc)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)



HT74F-D带螺纹

HT-H74D																
d_1/size	d_2	d_3	d_6	d_7	d8	11	12	13	14	15	16	17	18	19	131	mx
14	18	33	21.0	25.0	3	73.0	18	53.0	26.5	1.5	4	8.5	17.5	10.0	17.0	M5
16	20	35	23.0	27.0	3	73.0	18	53.0	26.5	1.5	4	8.5	17.5	10.0	17.0	M5
18	22	37	27.0	33.0	3	76.0	20	53.0	26.5	2.0	5	9.0	19.5	11.5	17.0	M5
20	24	39	29.0	35.0	3	76.0	20	53.0	26.5	2.0	5	9.0	19.5	11.5	17.0	M5
22	26	41	31.0	37.0	3	76.0	20	53.0	26.5	2.0	5	9.0	19.5	11.5	17.0	M5
24	28	43	33.0	39.0	3	77.0	20	54.0	27.0	2.0	5	9.0	19.5	11.5	17.5	M6
25	30	45	34.0	40.0	3	77.0	20	54.0	27.0	2.0	5	9.0	19.5	11.5	17.5	M6
28	33	48	37.0	43.0	3	77.0	20	54.0	27.0	2.0	5	9.0	19.5	11.5	17.5	M6
30	35	50	39.0	45.0	3	77.0	20	54.0	27.0	2.0	5	9.0	19.5	11.5	17.5	M6
32	38	55	42.0	48.0	3	79.0	20	56.0	28.0	2.0	5	9.0	19.5	11.5	18.5	M6
33	38	55	42.0	48.0	3	79.0	20	56.0	28.0	2.0	5	9.0	19.5	11.5	18.5	M6
35	40	57	44.0	50.0	3	80.0	20	57.0	28.5	2.0	5	9.0	19.5	11.5	19.0	M6
38	43	60	49.0	56.0	4	85.0	23	57.0	28.5	2.0	6	9.0	22.0	14.0	19.0	M6
40	45	62	51.0	58.0	4	85.0	23	57.0	28.5	2.0	6	9.0	22.0	14.0	19.0	M6
43	48	65	54.0	61.0	4	85.0	23	57.0	28.5	2.0	6	9.0	22.0	14.0	19.0	M6
45	50	67	56.0	63.0	4	84.0	23	56.0	28.0	2.0	6	9.0	22.0	14.0	19.5	M6
48	53	70	59.0	66.0	4	84.0	23	56.0	28.0	2.0	6	9.0	22.0	14.0	19.5	M6
50	55	72	62.0	70.0	4	93.0	25	63.0	31.5	2.5	6	9.0	23.0	15.0	19.5	M6
53	58	79	65.0	72.0	4	97.0	25	67.0	33.5	2.5	6	9.0	23.0	15.0	23.5	M8
55	60	81	67.0	75.0	4	97.0	25	67.0	33.5	2.5	6	9.0	23.0	15.0	23.5	M8
58	63	84	70.0	78.0	4	104.0	25	74.0	37.0	2.5	6	9.0	23.0	15.0	24.5	M8
60	65	86	72.0	80.0	4	104.0	25	74.0	37.0	2.5	6	9.0	23.0	15.0	24.5	M8
63	68	89	75.0	83.0	4	109.0	25	79.0	39.5	2.5	6	9.0	23.0	15.0	24.5	M8
65	70	91	77.0	85.0	4	–	25	68.0	34.0	2.5	6	9.0	23.0	15.0	23.5	M8
70	75	99	83.0	92.0	4	112.5	28	76.4	38.2	2.5	7	9.0	26.0	18.0	25.5	M8
75	80	104	88.0	97.0	4	112.5	28	76.4	38.2	2.5	7	9.0	26.0	18.0	25.5	M8
80	85	109	95.0	105.0	4	112.5	28	76.0	38.0	3.0	7	9.0	26.2	18.2	25.0	M8
85	90	114	100.0	110.0	4	112.5	28	76.0	38.0	3.0	7	9.0	26.2	18.2	25.5	M8
90	95	119	105.0	115.0	4	112.5	28	76.0	38.0	3.0	7	9.0	25.2	18.2	25.0	M8
95	100	124	110.0	120.0	4	110.5	28	76.0	38.0	3.0	7	9.0	25.2	17.2	25.0	M8
100	105	129	115.0	125.0	4	110.5	28	76.0	38.0	3.0	7	9.0	30.0	17.2	25.5	M8
105	115	148	122.2	134.3	5	122.0	32	82.0	41.0	2.0	10	–	30.0	20.0	31.5	M8
110	120	153	128.2	140.3	5	122.0	32	82.0	41.0	2.0	10	–	30.0	20.0	31.5	M8
115	125	158	136.2	148.3	5	122.0	32	82.0	41.0	2.0	10	–	30.0	20.0	31.5	M8
120	130	163	138.2	150.3	5	122.0	32	82.0	41.0	2.0	10	–	30.0	20.0	31.5	M8
125	135	168	142.2	154.3	5	122.0	32	82.0	41.0	2.0	10	–	30.0	20.0	31.5	M8
130	14	173	146.2	158.3	5	122.0	32	82.0	41.0	2.0	10	–	30.0	20.0	31.5	M8
135	145	178	152.2	164.3	5	122.0	32	82.0	41.0	2.0	10	–	30.0	20.0	31.5	M8
140	150	183	156.2	168.3	5	122.0	32	82.0	41.0	2.0	10	–	30.0	20.0	31.5	M8
145	155	191	161.2	173.3	5	133.0	34	93.0	46.5	2.0	10	–	32.0	20.0	35.5	M8
150	160	196	168.2	180.3	5	137.0	36	93.0	46.5	2.0	10	–	34.0	22.0	35.5	M8
155	165	201	173.2	185.3	5	141.0	38	93.0	46.5	2.0	12	–	34.0	24.0	35.5	M8
160	170	206	178.2	190.3	5	141.0	38	93.0	46.5	2.0	12	–	34.0	24.0	35.5	M8
165	175	211	183.2	195.3	5	141.0	38	93.0	46.5	2.0	12	–	34.0	24.0	35.5	M8
170	180	216	188.2	200.3	5	141.0	38	93.0	46.5	2.0	12	–	34.0	24.0	35.5	M8
175	185	221	193.2	205.3	5	141.0	38	93.0	46.5	2.0	12	–	34.0	24.0	35.5	M8
180	190	226	207.5	219.3	5	149.0	42	93.0	46.5	2.0	12	–	38.0	28.0	35.5	M8
185	195	231	212.5	224.3	5	149.0	42	93.0	46.5	2.0	12	–	38.0	28.0	35.5	M8
190	200	236	217.5	229.3	5	149.0	42	93.0	46.5	2.0	12	–	38.0	28.0	35.5	M8
195	205	245	222.5	324.3	5	151.0	43	95.0	47.5	2.0	12	–	38.0	28.0	–	M10
200	210	250	227.5	339.3	5	151.0	43	95.0	47.5	2.0	12	–	38.0	28.0	–	M10

参数:

压力: ≤1.7MPa
线速度: ≤25m/sec
温度: -20℃~+200℃

parameter:

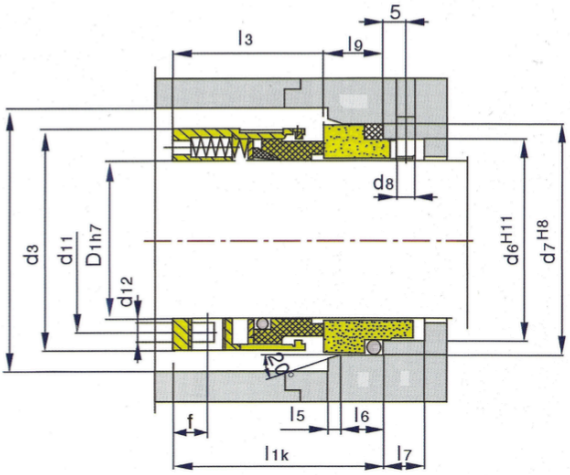
Pressure: ≤1.7MPa
Speed: ≤25m/sec
Temperature: -20℃~+200℃

Material

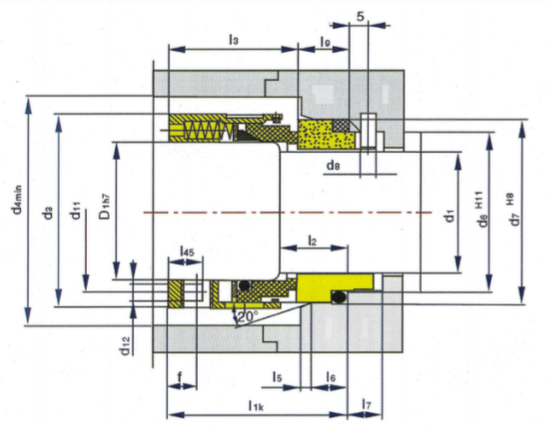
Static ring: SIC/TC/SUS
Rotary ring: Carbon/SIC/TC
Bellows: EPDM/VITON/PTFE
Spring and other:SS304/SS316



HT-58U/59U



HT-58U/59U														
d/size	d_3	d_4	d_6	d_7	d_8	d_{11}	d_{12}	l_{1K}	l_3	l_5	l_6	l_7	l_9	f
14	24	26	21	25	2	18.4	2.5	35.0	23.0	1.5	4	8.5	12.0	4.0
16	26	28	23	27	2	20.4	2.5	35.0	23.0	1.5	4	8.5	12.0	4.0
18	32	34	27	33	3	24.5	4.0	37.5	24.0	2	5	9.0	13.5	5.0
20	34	36	29	35	3	26.5	4.0	37.5	24.0	2	5	9.0	13.5	5.0
22	36	38	31	37	3	28.5	4.0	37.5	24.0	2	5	9.0	13.5	5.0
24	38	40	33	39	3	30.5	4.0	40.0	26.7	2	5	9.0	13.3	5.0
25	39	41	34	40	3	31.5	4.0	40.0	27.0	2	5	9.0	13.0	5.0
28	42	44	37	43	3	34.5	4.0	42.5	30.0	2	5	9.0	12.5	7.5
30	44	46	39	45	3	36.5	4.0	42.5	30.5	2	5	9.0	12.0	7.5
32	46	48	42	48	3	38.5	4.0	42.5	30.5	2	5	9.0	12.0	7.5
33	47	49	42	48	3	39.5	4.0	42.5	30.5	2	5	9.0	12.0	6.5
35	49	51	44	50	3	41.5	4.0	42.5	30.5	2	5	9.0	12.0	6.5
38	54	58	49	56	4	45.0	4.0	45.0	32.0	2	6	9.0	13.0	8.0
40	56	60	51	58	4	47.0	4.0	45.0	32.0	2	6	9.0	13.0	8.0
43	59	63	54	61	4	50.0	4.0	45.0	32.0	2	6	9.0	13.0	8.0
45	61	65	56	63	4	52.0	4.0	45.0	32.0	2	6	9.0	13.0	8.0
48	64	68	59	66	4	55.0	4.0	45.0	32.0	2	6	9.0	13.0	5.5
50	66	70	62	70	4	57.0	4.0	47.5	34.0	2.5	6	9.0	13.5	6.5
53	69	73	65	73	4	60.0	4.0	47.5	34.0	2.5	6	9.0	13.5	5.5
55	71	75	67	75	4	62.0	4.0	47.5	34.0	2.5	6	9.0	13.5	5.5
58	78	83	70	78	4	67.5	5.5	52.5	39.0	2.5	6	9.0	13.5	7.5
60	80	85	72	80	4	69.5	5.5	52.5	39.0	2.5	6	9.0	13.5	7.5
63	83	88	75	83	4	72.5	5.5	52.5	39.0	2.5	6	9.0	13.5	7.5
65	85	90	7	85	4	74.5	5.5	52.5	39.0	2.5	6	9.0	13.5	7.5
68	88	93	81	90	4	77.5	5.5	52.5	39.0	2.5	7	9.0	13.5	7.5
70	90	95	83	92	4	79.5	5.5	60.0	45.5	2.5	7	9.0	14.5	7.5
75	95	104	88	97	4	83.5	5.5	60.0	45.5	2.5	7	9.0	14.5	7.8
80	104	109	95	105	4	89.5	5.5	60.0	45.0	3	7	9.0	15.0	7.8
85	109	114	100	110	4	94.5	5.5	60.0	45.0	3	7	9.0	15.0	7.8
90	114	119	105	115	4	99.5	5.5	65.0	50.0	3	7	9.0	15.0	7.8
95	119	124	110	120	4	104.5	5.5	65.0	50.0	3	7	9.0	15.0	7.8
100	124	129	115	125	4	109.5	5.5	65.0	50.0	3	7	9.0	15.0	7.8





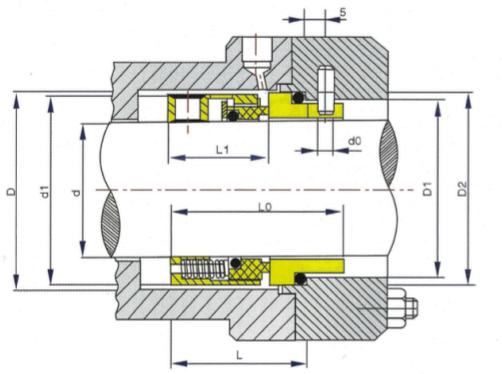
HT-58B/59B

parameter:

Pressure: ⩽2.5MPa
Speed: ⩽20m/Sec
Temperature: -20℃~+200℃

- Rotary Ring: (Carbon/Sic/TC)
- Staric Ring: (Sic/Tc)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

HT-58B/59B															
d1/size	d2	d3	d4	d6	d7	d8	d11	d12	11k	12	13	15	16	17	19
14	18	32	34	21	25	3	24.5	4.0	42.5	18	30.5	1.5	4	8.5	12.0
16	20	34	36	23	27	3	26.5	4.0	42.5	18	30.5	1.5	4	8.5	12.0
18	22	36	38	27	33	3	28.5	4.0	45.0	20	31.5	2.0	5	9.0	13.5
20	24	38	40	29	35	3	30.5	4.0	45.0	20	31.5	2.0	5	9.0	13.5
22	26	40	42	31	37	3	32.5	4.0	45.0	20	31.5	2.0	5	9.0	13.5
24	28	42	44	33	39	3	34.5	4.0	45.0	20	34.2	2.0	5	9.0	13.3
25	30	44	46	34	40	3	36.5	4.0	47.5	20	34.5	2.0	5	9.0	13.0
28	33	47	49	37	43	3	39.5	4.0	47.5	20	37.5	2.0	5	9.0	12.5
30	35	49	51	39	45	3	41.5	4.0	50.0	20	38.0	2.0	5	9.0	12.0
32	38	54	58	42	48	3	45.0	4.0	50.0	20	38.0	2.0	5	9.0	12.0
33	38	54	58	42	48	3	45.0	4.0	50.0	20	38.0	2.0	5	9.0	12.0
35	40	56	60	44	50	3	47.0	4.0	50.0	20	38.0	2.0	5	9.0	12.0
38	43	59	63	49	56	4	50.0	4.0	50.0	20	38.0	2.0	5	9.0	13.0
40	45	61	65	51	58	4	52.0	4.0	52.5	23	39.5	2.0	6	9.0	13.0
43	48	64	68	54	61	4	55.0	4.0	52.5	23	39.5	2.0	6	9.0	13.0
45	50	66	70	56	63	4	57.0	4.0	52.5	23	39.5	2.0	6	9.0	13.0
48	53	69	73	59	66	4	60.0	4.0	52.5	23	39.5	2.0	6	9.0	13.0
50	55	71	75	62	70	4	62.0	4.0	57.5	25	39.5	2.0	6	9.0	13.5
53	58	78	83	65	73	4	67.5	5.5	57.5	25	44.0	2.5	6	9.0	13.5
55	60	80	85	67	75	4	69.5	5.5	57.5	25	44.0	2.5	6	9.0	13.5
58	63	83	88	70	78	4	72.5	5.5	62.5	25	44.0	2.5	6	9.0	13.5
60	65	85	90	72	80	4	74.5	5.5	62.5	25	49.0	2.5	6	9.0	13.5
63	68	88	93	755	83	4	77.5	5.5	62.5	25	49.0	2.5	6	9.0	13.5
65	70	90	95	77	85	4	79.5	5.5	62.5	25	49.0	2.5	6	9.0	13.5
70	75	95	104	83	92	4	83.5	5.5	70.0	28	49.0	2.5	6	9.0	14.5
75	80	104	109	88	97	4	89.5	5.5	70.0	28	55.5	2.5	7	9.0	14.5
80	85	109	114	95	105	4	94.5	5.5	70.0	28	55.5	3.0	7	9.0	15.0
85	90	114	119	100	110	4	99.5	5.5	75.0	28	60.0	3.0	7	9.0	15.0
90	95	119	124	105	115	4	104.5	5.5	75.0	28	60.0	3.0	7	9.0	15.0
95	100	124	129	110	120	4	109.5	5.5	75.0	28	60.0	3.0	7	9.0	15.0
100	105	129	134	115	125	4	114.5	5.5	75.0	28	60.0	3.0	7	9.0	15.0





HT-527

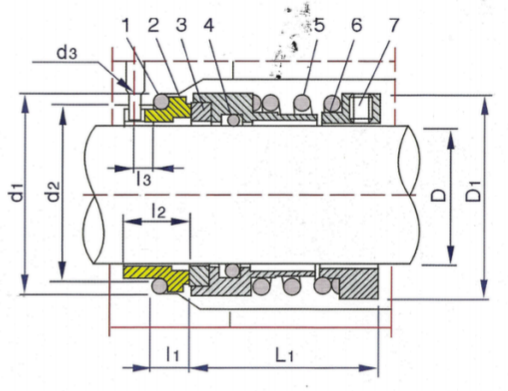
parameter:

Pressure: ⩽0.8MPa
Speed: ⩽20m/Sec
Temperature: -20℃~+150℃

- Rotary Ring: (Carbon/Sic/TC)
- Staric Ring: (Sic/Tc)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

HT-527								
d/size	d1	D	D1	D2	L	L1	L0	d0
18	32	34	27	33	31	21	38	3
20	34	36	29	35	31	21	38	3
22	36	38	31	37	31	21	38	3
24	38	40	33	39	34	24	41	3
25	39	41	34	40	34	24	41	3
28	42	44	37	43	34	24	41	3
30	44	46	39	45	35	25	42	3
32	46	48	42	48	35	25	42	3
33	47	49	42	48	35	25	42	3
35	49	51	44	50	35	25	42	3
38	54	58	49	56	39	28	46	3
40	56	60	51	58	39	28	46	4
43	59	63	54	61	39	28	46	4
45	61	65	56	63	39	28	46	4
48	64	68	59	66	39	28	46	4
50	66	70	62	70	41	28	48	4
53	69	73	65	73	41	28	48	4
55	71	75	67	75	41	28	48	4
58	78	83	70	78	42	29	49	4
60	80	85	72	80	42	29	49	4
63	83	88	75	83	45	32	52	4
65	85	90	77	85	45	32	52	4
68	88	93	81	90	48	32.7	55	4
70	90	95	83	92	48	32.7	55	4
75	99	104	88	97	52	36.7	59	4
80	104	109	95	105	52	36.3	59	4
85	109	114	100	110	52	36.3	59	4
90	114	119	105	115	55	39.3	62	4
95	119	124	110	120	55	39.3	62	4
100	124	129	115	125	55	39.3	62	4





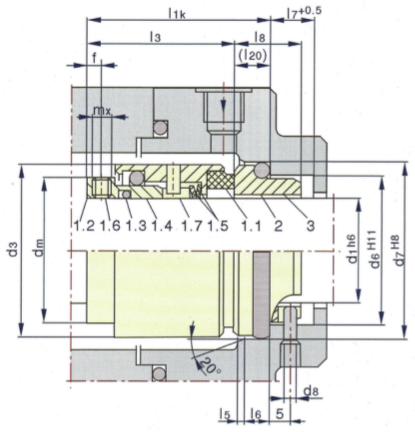
HT-2500

parameter:

Pressure: ⩽1.2MPa
Speed: ⩽25m/Sec
Temperature: -20℃~+200℃

- Rotary Ring: (Sic/TC)
- Staric Ring: (Carbon/Sic/Tc)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

HT-2500							
D/size	D1	d2	d1	d3	L1	l1	l3
20	34	29	35	3	41	13	5
22	36	31	37	3	41	13	
24	38	33	39	3	43	13	
25	39	34	40	3	43	13	
28	42	37	43	3	45	13	
30	44	39	45	3	45	13	
32	46	42	48	3	45	13	
33	47	42	48	3	45	13	
35	49	44	50	3	49	13	
38	54	50	56	4	53	13	
40	56	52	58	4	55	13	
43	59	55	61	4	55	13	
45	61	57	63	4	55	13	
48	64	60	66	4	55	13	
50	66	62	68	4	60	13	
53	69	65	71	4	61	13	
55	71	67	73	4	61	13	
58	76	70	79	4	63	16	
60	78	72	81	4	63	16	
63	81	75	84	4	63	16	
65	83	77	86	4	67	16	
68	86	81	90	4	67	16	
70	900	83	92	4	68	16	
75	95	88	97	4	72	16	
80	100	96	105	4	72	16	
85	105	101	110	4	77	16	
90	110	106	115	4	77	16	
95	115	111	120	4	82	16	
100	120	116	125	4	82	16	





HT-HJ92N

参数:

压力: ≤2.5MPa
线速度: ≤25m/Sec
温度: -20℃~+200℃

parameter:

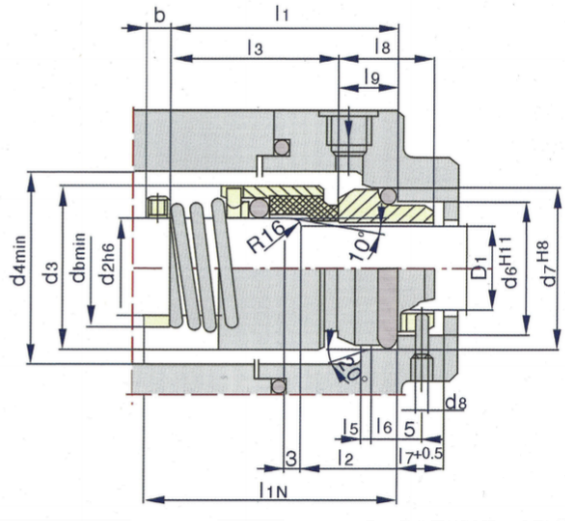
Pressure: ≤2.5MPa
Speed: ≤25/Sec
Temperature: -20℃~+200℃

- Rotary Ring: (Sic/TC)
- Staric Ring: (Sic/Tc)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

HT-HJ92N													
d_1/size	d_3	d_6	d_7	d_8	d_m	l_{1k}	l_3	l_5	l_6	l_7	l_8	l_{20}	f
18	32	24	33	3	26.0	37.5	30.5	2.0	5	9	15.0	7.0	3.0
20	34	26	35	3	28.0	37.5	30.5	2.0	5	9	15.0	7.0	3.0
22	36	31	37	3	30.0	37.5	30.5	2.0	5	9	15.0	7.0	3.0
24	38	34	39	3	32.0	40.0	33.0	2.0	5	9	15.0	7.0	3.5
25	39	36	40	3	33.5	40.0	33.0	2.0	5	9	15.0	7.0	3.5
28	42	38	43	3	36.5	42.5	35.5	2.0	5	9	15.0	7.0	3.5
30	44	40	45	3	38.5	42.5	35.5	2.0	5	9	15.0	7.0	3.5
32	47	42	48	3	41.5	42.5	35.5	2.0	5	9	15.0	7.0	3.5
33	47	44	48	3	41.5	42.5	35.5	2.0	5	9	15.0	7.0	3.5
35	49	47	50	3	41.5	42.5	35.5	2.0	5	9	15.0	7.0	3.5
38	54	49	56	4	47.5	45.0	37.0	2.0	6	9	16.0	8.0	4.0
40	56	51	58	4	49.5	45.0	37.0	2.0	6	9	16.0	8.0	4.0
43	59	54	61	4	52.5	45.0	37.0	2.0	6	9	16.0	8.0	4.0
45	61	56	63	4	54.5	45.0	37.0	2.0	6	9	16.0	8.0	4.0
48	64	59	66	4	57.5	45.0	37.0	2.0	6	9	16.0	8.0	4.0
50	66	62	70	4	59.5	47.5	38.0	2.5	6	9	17.0	9.5	4.5
53	69	65	73	4	62.5	47.5	38.0	2.5	6	9	17.0	9.5	4.5
55	71	67	75	4	64.5	47.5	38.0	2.5	6	9	17.0	9.5	4.5
58	78	0	78	4	68.5	52.5	42.0	2.5	6	9	18.0	10.5	4.5
60	80	72	80	4	70.5	52.5	42.0	2.5	6	9	18.0	10.5	4.5
63	83	75	83	4	73.5	52.5	42.0	2.5	6	9	18.0	10.5	4.5
65	85	77	85	4	75.5	52.5	42.0	2.5	6	9	18.0	10.5	4.5
68	88	81	90	4	78.5	52.5	41.5	2.5	7	9	18.5	11.0	4.5
70	90	83	92	4	80.5	60.0	48.5	2.5	7	9	19.0	11.5	5.0
75	99	88	97	4	89.5	60.0	48.5	2.5	7	9	19.0	11.5	5.5
80	104	95	105	4	94.5	60.0	48.5	3.0	7	9	19.0	11.5	5.5
85	109	100	110	4	99.0	60.0	48.5	3.0	7	9	19.0	11.5	5.5
90	114	105	115	4	104.0	65.0	52.0	3.0	7	9	20.5	13.0	5.5
95	119	110	120	4	109.0	65.0	52.0	3.0	7	9	20.5	13.0	5.5
100	124	115	125	4	114.0	65.0	52.0	3.0	7	9	20.5	13.0	5.5



HT-H12N



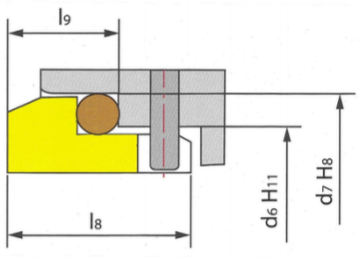
HT-H12N							
d_1/size	d_2	d_3	d_6	d_7	l_2	l_3	l_9
10	14	24	17	21	18	25.5	10.0
12	16	26	19	23	18	26.5	10.0
14	18	31	21	25	18	29.5	10.0
16	20	34	23	27	18	31.0	10.0
18	22	36	27	33	20	32.5	11.5
20	24	38	29	35	20	32.5	11.5
22	26	40	31	37	20	32.5	11.5
24	28	42	33	39	20	32.5	11.5
25	30	44	34	40	20	33.5	11.5
28	33	47	37	43	20	35.5	11.5
30	35	49	39	45	20	35.5	11.5
32	38	54	42	48	20	39.5	11.5
33	38	54	42	48	20	39.5	11.5
35	40	56	44	50	23	43.5	11.5
38	43	59	49	56	23	46.0	14.0
40	45	61	51	58	23	48.0	14.0
43	48	64	54	61	23	51.0	14.0
45	50	66	56	63	23	55.0	14.0
48	53	69	59	66	25	55.0	14.0
50	55	71	62	70	25	58.0	15.0
53	58	78	65	73	25	60.0	15.0
55	60	79	67	75	25	60.0	15.0
58	63	83	70	78	25	60.0	15.0
60	65	85	72	80	25	60.0	15.0
63	68	88	75	83	25	60.0	15.0
65	70	90	77	85	25	61.0	15.0
70	75	98	83	92	28	63.0	18.0
75	80	103	88	97	28	68.0	18.0
80	85	109	95	105	28	68.0	18.2

参数:

压力: ≤2.5MPa
线速度: ≤15m/Sec
温度: -80℃~+220℃

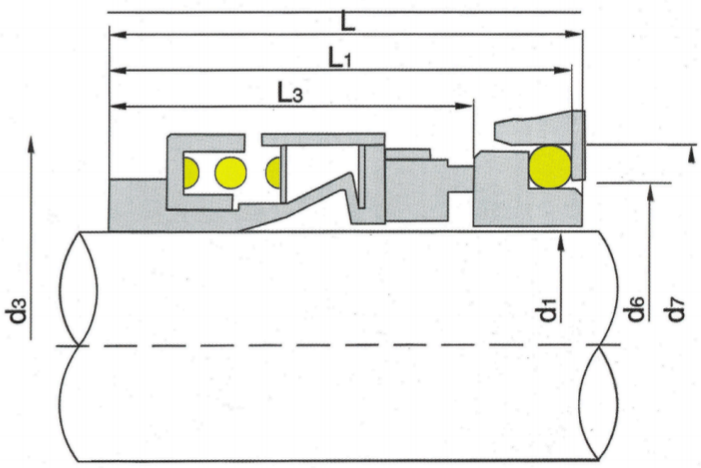
parameter:

Pressure: ≤2.5MPa
Speed: ≤15/Sec
Temperature: -80℃~+220℃



G9





HT-502

HT-502						
d/size	d3	d6	d7	L	L1	L3
14	24	21	25	35.8	35.0	23.0
16	26	23	27	35.8	35.0	23.0
18	32	27	33	35.8	37.5	24.0
20	34	29	35	35.8	37.5	24.0
22	36	31	37	35.8	37.5	24.0
24	38	33	39	41.0	40.0	26.7
25	39	34	40	41.0	40.0	27.0
28	42	37	43	43.5	42.5	30.0
30	44	39	45	43.5	42.5	30.5
32	46	42	48	43.5	42.5	30.5
33	47	42	48	43.5	42.5	30.5
35	49	44	50	43.5	42.5	30.5
38	54	49	56	46.0	45.0	32.0
40	56	51	58	46.0	45.0	32.0
43	59	54	61	46.0	45.0	32.0
45	61	56	63	46.0	45.0	32.0
48	64	59	66	46.0	45.0	32.0
50	66	62	70	48.5	47.5	34.0
53	69	65	73	48.5	47.5	34.0
55	71	67	75	48.5	47.5	34.0
58	8	70	78	53.2	52.5	39.0
60	80	72	80	53.2	52.5	39.0
63	83	75	83	53.2	52.5	39.0
65	85	77	85	53.2	52.5	39.0
68	88	81	90	53.2	52.5	39.0
70	89	83	92	60.7	60.0	45.5
75	96	88	97	60.7	60.0	45.5
80	104	95	105	60.7	60.0	45.0
85	108	100	110	60.7	60.0	45.0
90	114	105	115	65.7	65.0	50.0
95	118	110	120	65.7	65.0	50.0
100	124	115	125	65.7	65.0	50.0

参数:

压力: ≤1MPa
线速度: ≤15m/Sec
温度: -20℃~+150℃

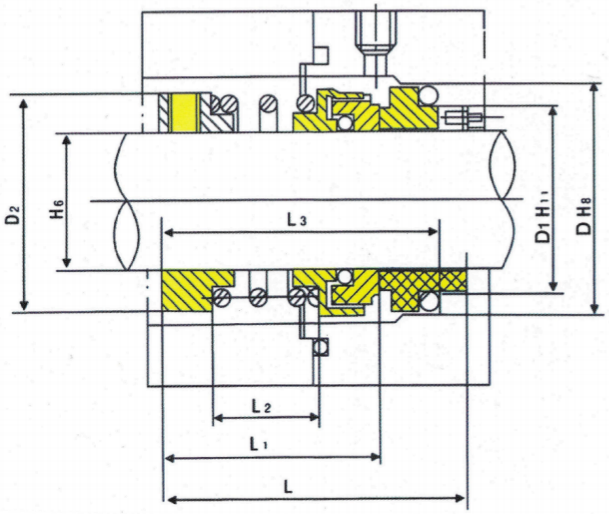
parameter:

Pressure: ≤1MPa
Speed: ≤15/Sec
Temperature: -20℃~+150℃

- Rotary Ring: (Carbon/Sic/TC)
- Staric Ring: (Ceramic/Sic)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)



HT-103重



参数:

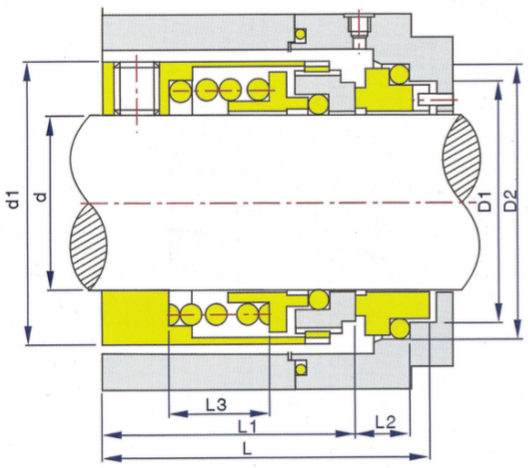
压力: ≤0.8MPa
线速度: ≤15m/sec
温度: -20℃~+180℃

parameter:

Pressure: ≤0.8MPa
Speed: ≤15m/sec
Temperature: -20℃~+180℃

- Rotary Ring: (Sic/TC)
- Staric Ring: (Carbon/Sic)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

HT-103重							
d/size	D	D1	D2	L	L1	L2	L3
20	40	30	37	63	44	16	58
22	42	32	39	67	48	20	62
25	45	35	42	67	48	20	62
30	50	40	52	75	56	22	70
35	55	45	57	79	60	26	74
40	60	50	62	83	64	30	78
45	65	55	67	90	71	36	85
50	70	60	72	94	75	40	89
55	75	65	77	94	75	40	89
60	80	70	82	96	77	42	91
65	90	80	92	111	89	50	106
70	97	85	97	116	91	52	110
75	102	90	102	116	91	52	110
80	107	95	107	123	98	59	117
85	112	100	112	125	100	59	119
90	117	106	117	126	101	60	120
100	127	115	127	126	101	60	120





HT-104重

参数:

压力: ≤1.2MPa
线速度:≤3000r/min
温度: -20℃~+80℃(丁青胶)
-20℃~+180℃(氟橡胶)
-80℃~+250℃(四氟胶圈)

parameter:

Pressure: ≤1.2MPa
Speed: ≤3000r/min
Temperature:
-20℃~+80℃(NBR)
-20℃~+180℃(FPM)
-80℃~+250℃(PTFE”V”Ring)

- Rotary Ring: (Sic/TC)
- Staric Ring: (Sic/TC)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

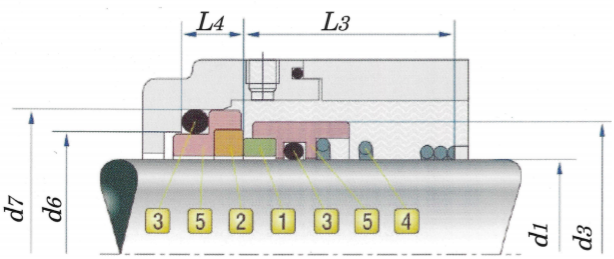
HT-104重							
d/size	d1	D1	D2	L	L1	L2	L3
16	33	25.5	33	53	37	12	8
18	35	28.5	36	56	40	12	11
20	37	30.5	40	59	40	14	11
22	39	32.5	42	62	43	14	14
25	42	35.5	45	62	43	14	14
28	45	38.5	48	63	44	14	15
30	52	40.5	50	68	49	14	15
35	57	45.5	55	70	51	14	17
40	62	50.5	60	73	54	14	20
45	67	55.5	65	79	60	14	25
50	72	60.5	70	82	63	14	28
55	77	65.5	75	84	65	14	30
60	82	70.5	80	84	65	14	30
65	92	80.5	90	96	74	17	35
70	97	85.5	97	101	76	19	37
75	102	90.5	102	101	76	19	37
80	107	95.5	107	106	81	19	42
85	112	100.5	112	107	82	19	42
90	117	105.5	117	108	83	19	43
95	122	110.5	122	108	83	19	43
100	127	115.5	127	108	83	19	43
110	141	130.5	142	132	105	21	60
120	151	140.5	152	132	105	21	60

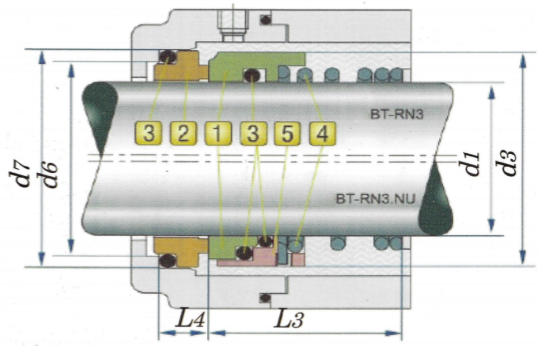


HT-551A



HT-551B





parameter:

Pressure: ⩽1MPa
Speed: 15m/sec
Temperature: -20℃~+200℃

- Rotary Ring: (Carbon/Sic/TC)
- Staric Ring: (SUS/Sic/TC)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

parameter:

Pressure: ⩽1MPa
Speed: 15m/sec
Temperature: -20℃~+180℃

- Rotary Ring: (Carbon/Sic/TC)
- Staric Ring: (SUS/Sic/TC)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

The size of 551A

HT-551A					
d1	d3	d6	d7	L3	L4
8	16	13	17.1	15	5.5
10	20	14	18.1	15	5.5
12	21	16.5	20.6	18	5.5
14	23	19	23.1	22	6.0
15	24	21	26.9	22	7.0
16	26	21	26.9	23	7.0
17	26	25	26.9	23	7.0
18	29	25	30.9	24	8.0
19	29	25	30.9	25	8.0
20	31	30	30.9	25	8.0
22	33	30	35.4	25	8.0
24	35	33	35.4	27	8.0
25	36	33	38.2	27	8.5
28	40	38	43.3	29	9.0
30	43	38	43.3	30	9.0
32	46	38	43.3	30	9.0
33	47	45	53.5	39	11.5
35	49	45	53.5	39	11.5
38	53	52	60.5	39	11.5
40	56	52	60.5	39	11.5
42	59	52	60.5	39	11.5
43	59	52	60.5	39	11.5
45	61	57	65.5	41	11.5
48	64	57	65.5	41	11.5
50	66	64	72.5	45	11.5
55	71	64	72.5	47	11.5
60	78	72	79.5	49	11.5
65	84	77	84.5	51	11.5
70	90	82	89.5	51	11.5
75	98	87	94.5	57	11.5
80	100	92	99.5	59	11.5
85	109	98	105.5	59	13.5
90	114	105	111.5	62	13.5
95	119	110	116.5	62	13.5
100	124	114	119.5	75	13.5

The size of 551B

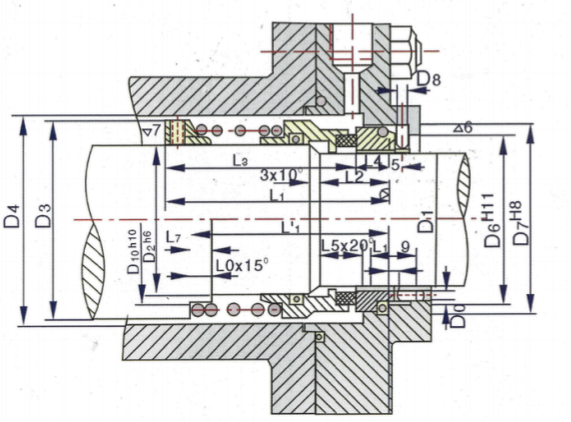
HT-551B					
d1	d3	d6	d7	L3	L4
10	19	17	21	15	7.0
12	21	19	23	18	7.0
14	23	21	25	22	7.0
16	26	23	27	23	7.0
18	29	27	33	24	10.0
20	31	29	35	25	10.0
22	33	31	37	25	10.0
24	35	33	39	27	10.0
25	36	34	40	27	10.0
28	40	37	43	29	10.0
30	43	39	45	30	10.0
32	46	42	48	30	10.0
33	46	42	48	39	10.0
35	49	44	50	39	10.0
38	53	49	56	42	13.0
40	56	51	58	42	13.0
43	59	54	61	47	13.0
45	61	56	63	47	13.0
48	64	59	66	47	13.0
50	66	62	70	46	14.0
53	69	65	73	56	14.0
55	71	67	75	56	14.0
58	76	70	78	56	14.0
60	78	72	80	56	14.0
63	81	75	83	56	14.0
65	84	77	85	66	14.0
68	88	81	90	64	16.0
70	90	83	92	64	16.0
75	98	88	97	64	16.0
80	100	95	105	72	18.0
85	107	100	110	72	18.0
90	111	105	115	72	18.0
95	119	110	120	72	18.0
100	124	115	125	72	18.0

参数:

压力: ≤3.0MPa
线速度: ≤3000/min
温度: -20℃~+160℃

parameter:

Pressure: ≤3.0MPa
Speed: ≤3000r/min
Temperature: -20℃~+160℃

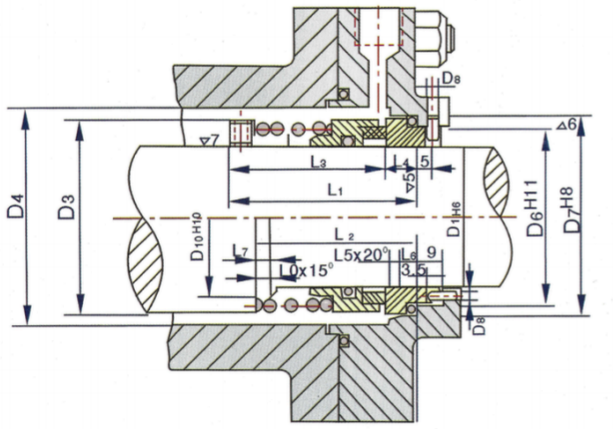




HT-1523/1524

- Rotary Ring: (Sic/TC)
- Staric Ring: (Sic/TC)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

HT-1523								
d/size	D_2 h6	D_3 max	D_4 min	D_6 h11	D_7 h8	D_8	D_9 h6	D_{10} h10
18	22	36	38	27	33	3	42	26
20	24	38	40	29	35	3	44	28
22	26	40	42	31	37	3	46	30
24	28	42	44	33	39	3	48	32
25	30	44	46	34	40	3	50	34
28	33	47	49	37	43	3	53	37.5
30	35	49	51	39	45	3	55	39.5
32	38	54	58	42	48	3	62	42.5
33	38	54	58	42	48	3	62	42.5
35	40	56	60	44	50	3	65	45
38	43	59	63	49	56	4	68	48
40	45	61	65	51	58	4	70	50
43	48	64	68	54	61	4	73	53
45	50	66	70	56	63	4	75	55
48	53	69	73	59	66	4	78	58
50	55	71	75	62	70	4	80	60
53	58	78	83	65	73	4	88	63
55	60	80	85	67	75	4	90	66
58	63	83	88	70	78	4	93	69
60	65	85	90	72	80	4	95	71
63	68	88	93	75	83	4	98	74
65	70	90	95	77	85	4	100	76
68	73	93	98	81	90	4	103	79
70	75	99	104	83	92	4	110	81
75	80	104	109	88	97	4	115	86
80	85	109	114	95	105	4	120	91
85	90	114	119	100	110	4	125	96
90	95	119	124	105	115	4	130	101
95	100	124	129	110	120	4	135	106
100	105	129	134	115	125	4	140	111





HT-1527/1528

参数:

压力: ≤1.0MPa
线速度: ≤12m/sec
温度: -20℃~+150℃

parameter:

Pressure: ≤1.0MPa
Speed: ≤12m/sec
Temperature: -20℃~+150℃

- Rotary Ring: (Sic/TC)
- Staric Ring: (Carbon/Sic/TC)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

HT-1527/1528							
d/size	D_3 max	D_4 min	D_6 h_{11}	D_7 h_8	D_8	D_9 h_6	D_{10} h_{10}
18	32	34	27	33	3	38	21.5
20	34	36	29	35	3	40	23.5
22	36	38	31	37	3	42	26
24	38	40	33	39	3	44	28
25	39	41	34	40	3	45	29
28	42	44	37	43	3	48	32
30	44	46	39	45	3	50	34
32	46	48	42	48	3	52	36.5
33	47	49	42	48	3	53	37.5
35	49	51	44	50	3	55	39.5
38	54	58	49	56	4	63	42.5
40	56	60	51	58	4	65	45
43	59	63	54	61	4	68	48
45	61	65	56	63	4	70	50
48	64	68	59	66	4	73	53
50	66	70	62	70	4	75	55
53	69	73	65	73	4	78	58
55	71	75	67	75	4	80	60
58	78	83	70	78	4	88	63
60	80	85	72	80	4	90	66
63	83	88	75	83	4	93	69
65	85	90	77	85	4	95	71
68	88	93	81	90	4	98	74
70	90	95	83	92	4	100	76
75	99	104	88	97	4	110	81
80	104	109	95	105	4	115	86
85	109	114	100	110	4	120	91
90	114	119	105	115	4	125	96
95	119	124	110	120	4	130	101
100	124	129	115	125	4	135	106

参数:

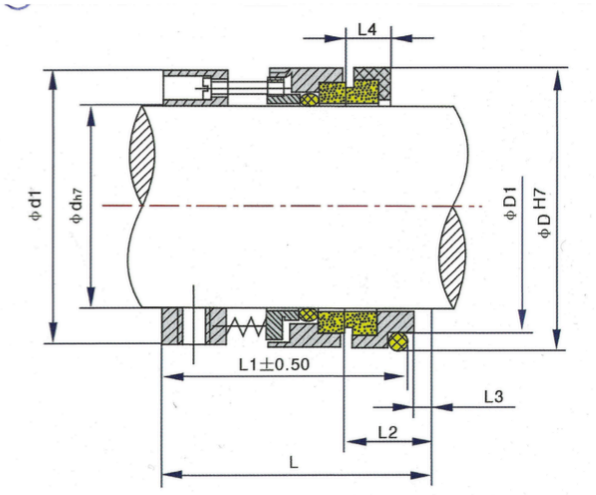
压力: ≤1.2MPa
线速度: ≤3000r/min
温度: -20℃~+80℃(丁青胶)
-20℃~+180℃(氟橡胶)
-80℃~+250℃(四氟V型圈)



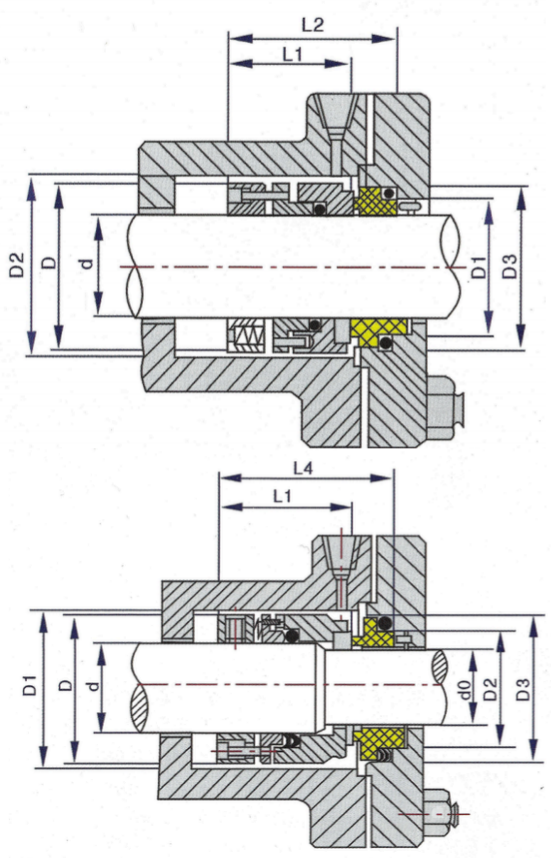
HT-102B

parameter:

Pressure: ≤2.5MPa
Speed: ≤3000r/min
Temperature:
-20℃~+80℃(NBR)
-20℃~+180℃(FPM)
-80℃~+250℃(PTFE ” V ” Ring)



HT-102重								
d/size	d1	D	D1	L	L1	L2	L3	L4
25	40	40	34	45	38	19	5	7.5
28	43	43	37	45	38	19	5	7.5
30	45	45	39	45	38	19	5	7.5
35	50	50	44	50	43	20	5	7.5
40	56	58	52	55	48	20	5	9.0
45	62	63	56	57	50	20	6	9.0
50	69	70	62	60	53	22	6	9.5
55	74	75	67	60	53	22	6	11.0
60	79	80	72	60	53	22	6	11.5
65	84	85	77	62	57	23	6	11.5
70	91	92	83	62	57	23	6	11.5
75	96	97	88	67	59	25	6	11.5
80	104	105	95	67	59	25	6	12.0
85	109	110	100	67	59	25	6	14.0





HT-105/105B

参数:

压力: 105:0.8MPa 105B:1.6MPa
线速度: ≤25m/Sec
温度: -45℃~+200℃

parameter:

Pressure: 105:0.8MPa 105B:1.6MPa
Speed: ≤25m/Sec
Temperature: -45℃~+200℃

HT-105/105B									
d/size	d0	D	D1	D2	D3	L1	L2	L3	L4
35	28	57	45	55	60	38	53	48	63
40	34	62	50	60	65	38	53	48	63
45	38	67	55	65	70	39	54	49	64
50	44	72	60	70	75	39	54	49	64
55	48	77	65	75	80	39	54	49	64
60	52	82	70	80	85	39	54	49	64
65	58	91	80	90	95	44	62	51	69
70	62	96	85	97	100	44	65	54	75
75	66	101	90	102	105	44	65	54	75
80	72	126	95	107	110	44	65	54	75
85	76	111	100	112	115	46	67	56	77
90	82	116	105	117	120	46	67	56	77
95	85	121	110	122	125	46	67	56	77
100	90	126	115	127	130	46	67	56	77
110	100	140	130	142	145	51	74	63	86

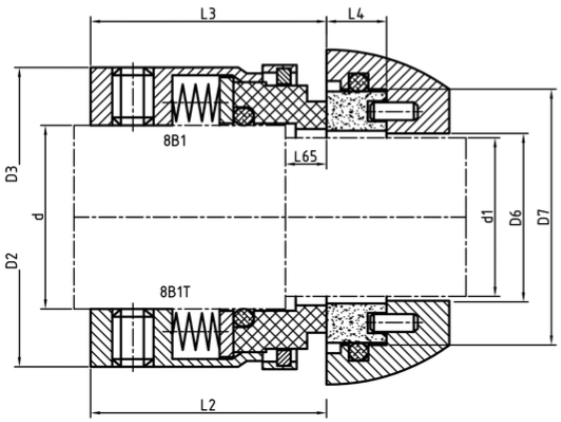
105型： 内装，单端面，多弹簧，非平衡型，传动螺钉传动
105B型：内装，单端面，多弹簧，平衡型，传动螺钉传动
105 seal: Contents,Single seal,Multiple springs,Unbalanced,Drive screw
105B seal: Contents,Single seal,Multiple springs,Balanced,Drive screw

参数:

压力: ≤2.4MPa
线速度: ≤25m/sec
温度: -40℃~+260℃

parameter:

Pressure: ≤2.4MPa
Speed: ≤25m/sec
Temperature: -40℃~+260℃





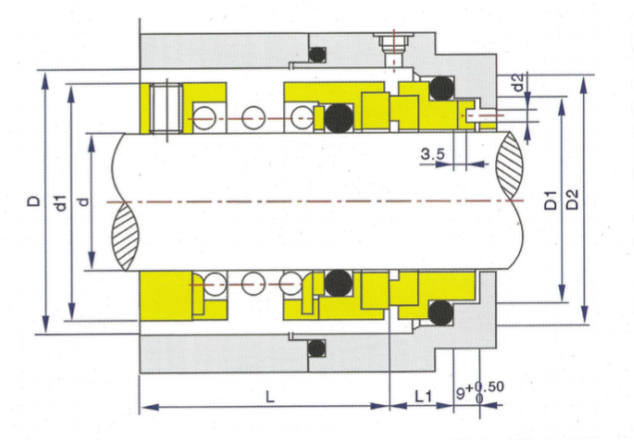
HT-8B1/8B1T

- 动环(碳化硅/石墨/碳化钨)
- 静环(碳化硅/石墨/碳化钨)
- 金属(SUS304/SUS316/哈氏C)
- 辅助密封 (丁青胶/氟橡胶/全氟橡胶)

- Rotary Ring: (CA/SIC/TC)
- Staric Ring: (SIC/CA/TC)
- Metal Bellows(SUS304SUS316/Hastelloy-C)
- Secondary Seal (NBR/VITON/Kalrez)

Size	d	d1	D2	D3	D6	D7	L3	L4	L65
1.000	25.4	22.2	36.50	40.3	24.00	38.30	33	10.30	8
1.125	28.5	25.4	39.67	43.4	27.50	41.48	35	11.15	7.9
1.250	31.7	28.5	42.85	48.3	30.50	44.65	35	11.15	7.9
1.375	34.9	28.5	49.20	51.3	33.50	47.83	37	11.15	8.7
1.500	38.1	31.7	49.20	54.5	37.00	51.00	37	11.15	8.7
1.625	41.2	34.9	57.15	60.8	40.00	54.18	45	11.15	8.7
1.750	44.4	38.1	28.72	64.0	43.50	60.53	45	11.15	9.5
1.875	47.6	41.2	63.50	67.2	46.50	63.70	45	12.75	9.5
2.000	50.8	44.4	66.68	70.4	49.50	66.88	45	12.75	9.5
2.125	53.9	47.6	71.42	76.7	53.00	70.05	52	12.75	11.1
2.250	57.1	50.8	72.21	79.9	56.00	76.40	52	12.75	11.1
2.375	60.3	53.9	76.20	83.1	59.00	79.58	52	14.33	11.1
2.500	63.5	57.1	79.38	86.2	62.50	82.75	52	14.33	11.1
2.625	66.6	60.3	82.55	89.4	65.50	85.93	52	14.33	11.1
2.750	69.8	63.5	85.73	92.6	68.50	85.93	52	14.33	11.1
2.875	73.0	66.6	88.90	95.8	72.00	89.10	52	15.93	11.1
3.000	76.2	69.8	92.08	97.3	75.00	95.45	52	15.93	11.1
3.125	79.3	73.0	95.25	100.5	78.50	98.63	52	15.93	11.1
3.250	82.5	76.2	98.43	105.3	81.50	101.80	52	15.93	14.3
3.375	85.7	79.3	101.60	108.5	84.50	104.98	52	19.84	14.3
3.500	88.9	82.5	104.78	111.6	88.00	108.15	52	19.84	14.3
3.625	92.0	85.7	107.95	114.8	91.00	111.33	52	19.84	14.3
3.750	95.2	88.9	111.13	118.0	94.00	114.50	52	19.84	14.3
3.875	98.4	92.0	114.30	121.2	97.50	117.68	52	19.84	14.3
4.000	101.6	95.2	117.48	124.3	100.50	120.85	52	19.84	14.3





HT-108U

HT-108U							
d/size	d1	d2	D	D1	D2	L	L1
18	32	3	34	27	33	32	13
20	34	3	36	29	35	32	13
22	36	3	38	31	37	32	13
24	38	3	40	33	39	37	13
25	39	3	41	34	40	37	13
28	42	3	44	37	43	37	13
30	44	3	46	39	45	37	13
32	46	3	48	42	48	37	13
33	47	3	49	42	48	42	13
35	49	3	51	44	50	42	13
38	54	4	58	49	56	42	13
40	56	4	60	51	58	42	13
43	59	4	63	54	61	47	13
45	61	4	65	56	63	47	13
48	64	4	68	59	66	47	13
50	66	4	70	62	70	47	13
53	69	4	73	65	73	57	13
55	71	4	75	67	75	57	13
58	78	4	83	70	78	55	15
60	80	4	85	72	80	55	15
63	83	4	88	75	83	65	15
65	85	4	90	77	85	65	15
68	88	4	93	81	90	65	15
70	90	4	95	83	92	65	15
75	99	4	104	88	97	65	17
80	104	4	109	95	105	73	17
85	109	4	114	100	110	73	17
90	114	4	119	105	115	72	18
95	119	4	124	110	120	72	18
100	124	4	129	115	125	72	18

参数:

压力: ≤0.8MPa
线速度: ≤3000r/min
温度: -10℃~+150℃

parameter:

Pressure: ≤0.8MPa
Speed: ≤3000r/min
Temperature: -10℃~+150℃

- Rotary Ring: (Sic/TC)
- Staric Ring: (Sic/TC)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)



HT-109B

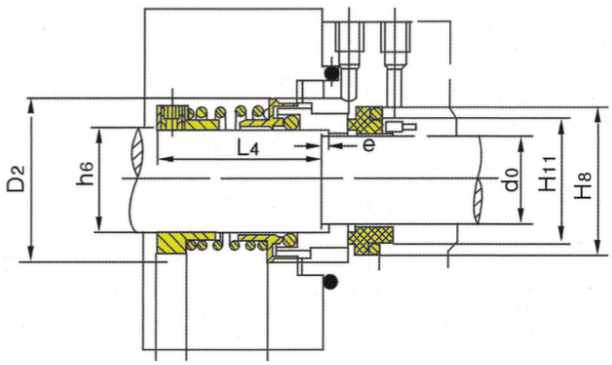
Medium:General corrosive chmical media such as Water,oil,weak acid、weak base and so on

参数:

压力: 0.6~1.6MPa
线速度: ≤15/sec
温度: -20℃~+180℃

parameter:

Pressure: 0.6~1.6MPa
Speed: ≤15/sec
Temperature: -20℃~+180℃



HT-109										
d/size	d_0	D_1	D_2	D	L_1	L_2	L_3	L_4	L_5	e
20	33	30.5	37	40	52	16	66	44	71	2
22	35	32.5	39	42	56	20	70	48	75	2
25	37	35.5	42	45	56	20	70	48	75	2
28	39	38.5	45	48	58	22	72	50	77	2
30	42	40.5	52	50	65	22	79	56	84	3
35	45	45.5	57	55	70	26	84	60	89	3
40	52	50.5	62	60	74	30	88	64	93	3
45	57	55.5	67	65	81	36	95	71	100	3
50	62	60.5	72	70	85	40	99	75	104	3
55	67	65.5	77	75	87	42	101	77	106	3
60	72	70.5	82	80	87	42	101	77	106	3
65	77	75.5	92	90	96	50	113	86	118	3
70	82	80.5	97	97	101	52	120	88	126	3
75	92	85.5	102	102	101	52	120	88	126	3
80	97	90.5	107	107	108	59	129	95	135	3
85	102	95.5	112	112	110	59	129	97	135	3
90	107	100.5	117	117	111	60	130	98	135	3
95	112	105.5	122	122	111	60	130	98	136	3
100	117	115.5	127	127	111	60	130	98	136	3
110	122	130.5	141	142	138	80	159	123	165	3
120	127	140.5	151	152	138	80	159	123	165	3

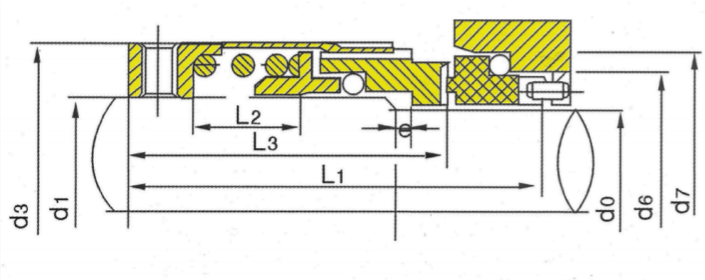
参数:

压力: 0.8~2.9MPa
线速度: ≤15/sec
温度: -20℃~+180℃

parameter:

Pressure: 0.8~2.9MPa
Speed: ≤15/sec
Temperature: -20℃~+180℃





HT-110B

Medium: water, oil, weak acid, weak base, etc

HT-110								
d/size	D0	d3	D6	D7	L1	L2	L3	e
16	11	33	25	33	61	8	45	2
18	13	35	28	36	64	11	48	2
20	15	37	30	40	67	11	48	2
22	17	39	32	42	70	14	51	2
25	20	42	35	45	70	14	51	2
28	22	45	38	48	71	15	52	2
30	25	52	40	50	77	15	58	3
35	28	57	45	55	80	17	61	3
40	34	62	50	60	82	20	64	3
45	38	67	55	65	89	25	70	3
50	44	72	60	70	92	28	73	3
55	48	77	65	75	94	30	75	3
60	52	82	70	80	94	30	75	3
65	58	92	80	90	103	35	81	3
70	62	97	85	97	111	37	86	3
75	66	102	90	102	111	37	86	3
80	72	107	95	107	116	42	91	3
85	76	112	100	112	117	42	92	3
90	82	117	105	117	118	43	93	3
95	85	122	110	122	118	43	93	3
100	90	127	115	127	118	43	93	3
110	100	141	130	142	144	60	117	3
120	110	151	140	152	144	60	117	3



HT-112

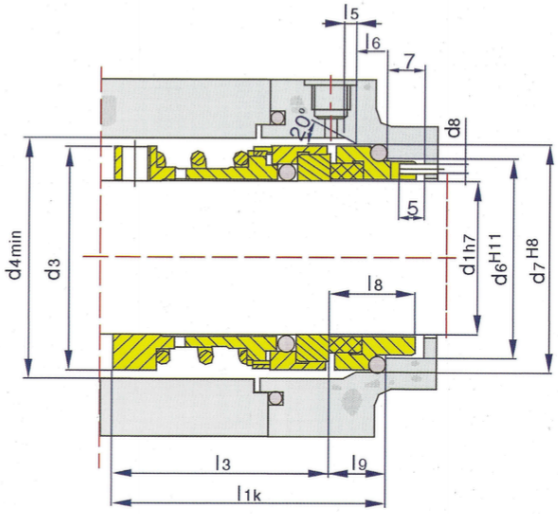
- Rotary Ring: (Sic/TC)
- Staric Ring: (Sic/TC)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

参数:

压力: ≤1.2MPa
线速度: ≤15m/sec
温度: -20℃~+180℃

parameter:

Pressure: ≤1.2MPa
Speed: ≤15m/sec
Temperature: -20℃~+180℃



HT-112											
d/size	d3	d4	d6	d7	d8	11k	13	15	16	18	19
25	40	42	34	40	3	53	41	2.0	5	19	12
30	45	47	39	45	3	58	46	2.0	5	19	12
35	50	52	44	50	3	58	45	2.0	5	20	13
40	58	60	51	58	4	68	55	2.0	6	20	13
45	63	65	56	63	4	68	55	2.0	6	20	13
50	70	73	62	70	4	76	62	2.5	6	21	14
55	75	78	67	75	4	76	61	2.5	6	22	15
60	80	85	72	80	4	78	63	2.5	6	22	15
65	85	88	77	85	4	78	63	2.5	6	22	15
70	92	95	83	92	4	83	65	2.5	7	25	18
75	97	100	88	97	4	83	65	2.5	7	25	18
80	105	108	95	105	4	88	70	3.0	7	25	18

参数:

压力: ≤1.2MPa
线速度: ≤15m/sec
温度: -20℃~+180℃
轴向窜动量:±0.5mm

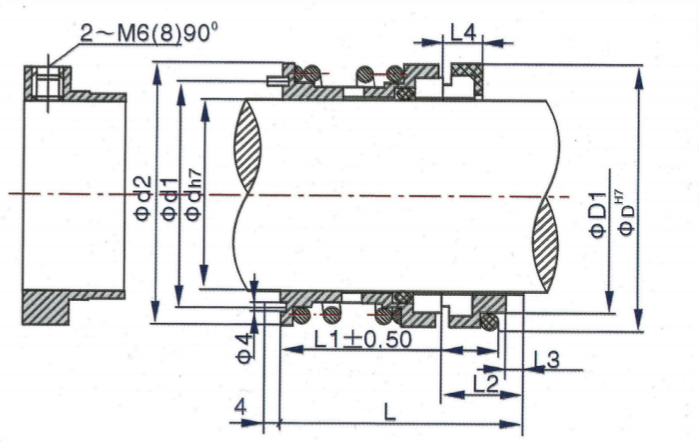
parameter:

Pressure: ≤1.2MPa
Speed: ≤15m/sec
Temperature: -20℃~+180℃
Axial movement:±0.5mm



HT-113

- Rotary Ring: (Sic/TC)
- Staric Ring: (Sic/TC)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)



HT-113									
d/size	d1	d2	D	D1	L	L1	L2	L3	L4
25	32.0	39	40	34	37	32.5	14	4	7.5
30	37.0	44	45	39	40	35.0	15	4	7.5
35	42.0	49	50	44	45	40.0	15	4	7.5
40	48.5	57	58	51	50	45.0	18	4	9.0
45	53.5	62	63	56	50	45.0	18	4	9.0
50	58.5	69	70	62	55	50.0	18	4	9.5
55	64.5	73	75	67	55	50.0	18	4	11.0
60	70.0	79	80	72	65	58.0	19	6	11.5
65	74.5	84	85	77	65	58.0	19	6	11.5
70	81.0	92	92	73	73	66.0	19	6	11.5



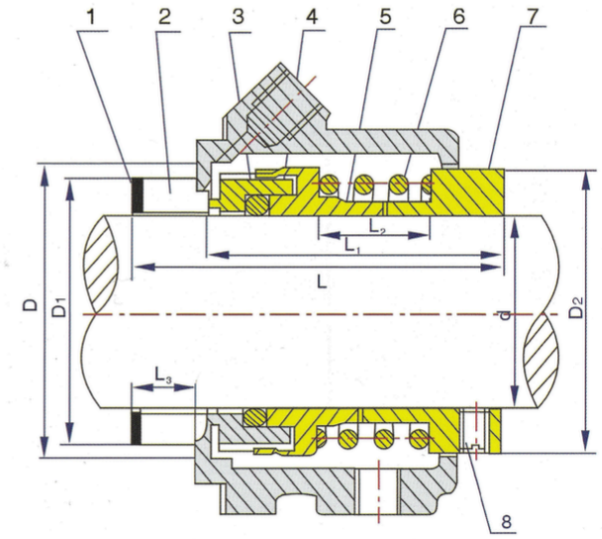
HT-114

参数:

压力: ≤0.4MPa
线速度: ≤3000r/min
温度: ≤100℃

parameter:

Pressure: ≤0.4MPa
Speed: ≤3000r/min
Temperature: ≤100℃



1、静环垫片 Static Ring Pad
2、静环 Static Ring
3、密封圈 Seal Ring
4、动环 Moving Ring
5、推环 Pushing Ring
6、弹簧 Spring
7、紧固环 Fitting Screw
8、紧定螺丝 Tighting-Fitting Screw

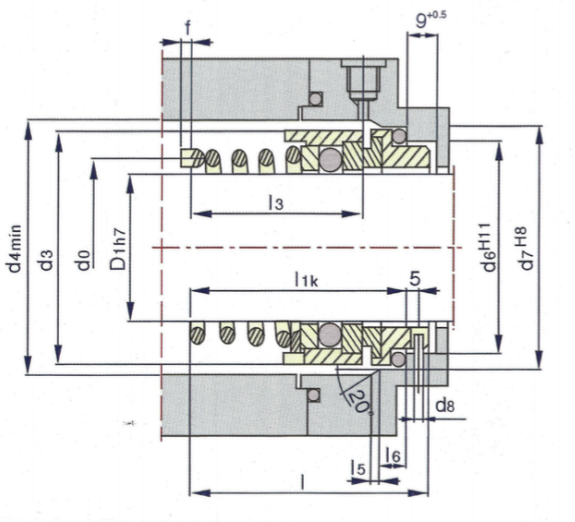
HT-114							
d/size	D	D_1	D_2	L	L_1	L_2	L_3
35	69	55	59	84.5	64	20	16.5
40	74	60	64	91.5	71	25	16.5
45	79	65	69	94.5	74	28	16.5
50	84	70	74	96.5	76	30	16.5
55	89	75	79	96.5	76	30	16.5
60	94	80	84	105.5	81	35	20.5
65	10	89	95	109.5	85	37	20.5
70	108	98	100	109.5	85	37	20.5

参数:

压力: ≤1.0MPa
线速度: ≤15m/sec
温度: -20℃~+180℃

parameter:

Pressure: ≤1.0MPa
Speed: ≤15m/sec
Temperature: -20℃~+180℃





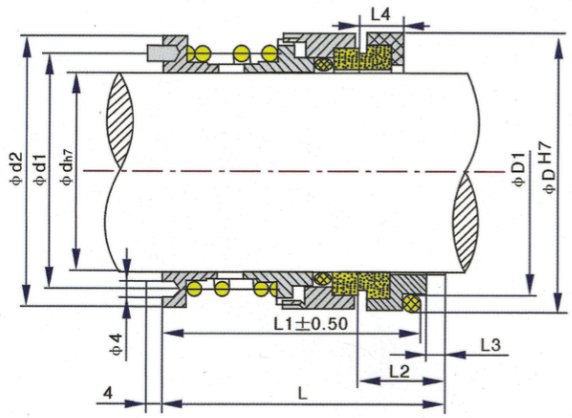
HT-120

- Rotary Ring: (Sic/TC)
- Staric Ring: (Carbon/Sic/TC)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

HT-120												
d/size	d0	d3	d4	d6	d7	d8	l	l1k	l3	l5	l6	f
18	21	32	34	27	33	38	43.0	36.0	26.0	2.0	5	3.5
20	23	34	36	29	35	40	43.5	36.5	26.5	2.0	5	3.5
25	28	39	41	34	40	42	47.0	40.0	29.5	2.0	5	3.5
28	31	42	44	37	43	44	47.0	40.0	28.5	2.0	5	3.5
30	33	44	46	39	45	45	50.0	43.0	31.5	2.0	5	3.5
35	39	49	51	44	50	48	53.0	46.0	34.5	2.0	5	3.5
40	44	56	60	51	58	50	57.0	50.0	37.0	2.0	6	3.5
45	50	61	65	56	63	52	61.0	54.0	41.0	2.0	6	3.5
50	55	66	70	62	70	53	62.0	55.0	41.0	2.5	6	3.5
55	60	71	75	67	75	55	64.0	57.0	43.0	2.5	6	3.5
60	65	80	85	72	80	63	65.0	58.0	44.0	2.5	6	4.0
65	71	85	90	77	85	65	67.0	60.0	46.0	2.5	6	4.0
70	76	90	95	83	92	68	70.0	63.0	46.5	2.5	7	4.0
75	81	99	104	88	97	70	72.0	65.5	48.5	2.5	7	5.5
80	87	104	109	95	105	73	72.0	65.5	48.5	3.0	7	5.5



HT-121



参数:

压力: ≤1.2MPa
线速度: ≤1500r/min
温度: -20℃~+180℃

parameter:

Pressure: ≤1.2MPa
Speed: ≤1500r/min
Temperature: -20℃~+180℃

- Rotary Ring: (Sic/TC)
- Staric Ring: (Sic/TC)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

Medium:water,polluted water oil and minor corrosive liquid

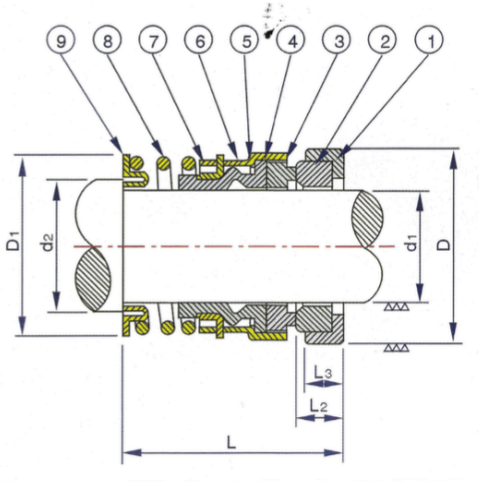
HT-121									
d/size	d1	d2	D	D1	L	L1	L2	L3	L4
25	32	39	40	34	47	40	19	6	7.5
30	37	44	45	39	50	43	19	6	7.5
35	42	49	50	44	53	46	20	6	7.5
40	48	57	58	51	57	50	20	6	9.0
45	53	62	63	56	61	54	20	6	9.0
50	59	68	70	62	62	55	22	6	9.5
55	64	73	75	67	64	57	22	7	11.0
60	69	78	80	72	65	58	22	7	11.5
65	74	83	85	77	67	60	23	7	11.5
70	80	90	92	83	70	63	25	7	11.5
75	85	95	97	88	72	65	25	7	11.5
80	92	104	105	95	72	65	25	7	12.0



HT-T1

parameter:

Pressure: ≤0.5Mpa
Speed: ≤10m/Sec
Temperature:
NBR:-20℃~+100℃
VITON:-20℃~+200℃

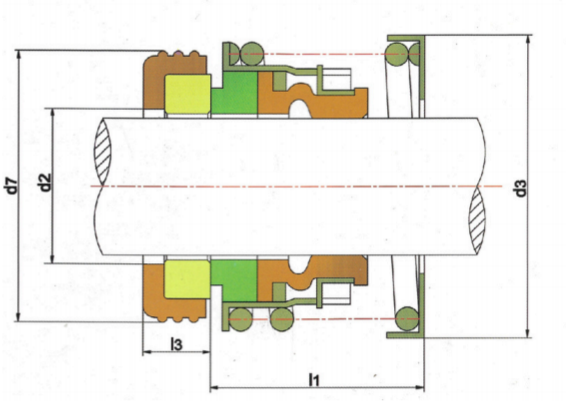


1、 静环套--Cup Gasket
2、 静环--Static Ring
3、 密封端面--Seal Face
4、 橡胶隔膜--Rubber Diaphragm
5、 动环--Moving Ring
6、 固定器--Retainer
7、 紧固圈--Collar
8、 弹簧--Coil Spring
9、 弹簧支架--Spring Holder

HT-克兰1型(100)							
size(inch)	d	D3	D4	L3	D7	L6	L8
1/2	12.70	23.81	26.99	20.64	27.80	7.1	8.7
5/8	15.88	26.99	33.34	22.23	30.95	8.7	10.3
3/4	19.05	30.16	36.51	22.23	34.15	8.7	10.3
7/8	22.23	33.34	39.69	23.81	37.30	8.7	10.3
1	25.40	42.85	49.20	25.40	40.50	8.7	10.3
1 1/8	28.58	46.02	52.37	26.97	47.65	10.3	11.9
1 1/4	31.75	49.20	55.55	26.97	50.80	10.3	11.9
1 3/8	34.93	52.37	58.72	28.58	54.00	10.3	11.9
1 1/2	38.10	55.55	61.90	28.58	57.15	10.3	11.9
1 5/8	41.28	63.50	69.85	34.93	60.35	10.3	11.9
1 3/4	44.45	66.68	73.03	34.93	63.50	11.9	11.9
1 7/8	47.63	69.85	76.20	38.10	66.70	11.9	13.5
2	50.80	73.03	80.95	38.10	69.85	11.9	13.5
2 1/8	53.98	76.20	84.12	42.85	73.05	11.9	13.5
2 1/4	57.15	79.38	87.30	42.85	76.20	11.9	13.5
2 3/8	60.33	82.55	90.47	46.02	79.40	11.9	13.5
2 1/2	63.50	84.91	93.65	46.02	82.55	11.9	13.5
2 5/8	66.68	88.90	101.60	49.20	92.10	14.3	15.9
2 3/4	69.85	95.25	104.78	49.20	95.25	14.3	15.9
2 7/8	73.03	98.43	111.13	52.37	98.45	14.3	15.9
3	76.20	101.60	114.30	52.37	101.60	14.3	15.9
3 1/8	79.38	104.78	120.65	55.55	111.15	18.3	19.9
3 1/4	82.55	107.95	123.83	55.55	114.30	18.3	19.9
3 3/8	85.73	114.30	133.35	55.55	117.50	18.3	19.9
3 1/2	88.90	117.48	136.53	55.55	120.65	18.3	19.9
3 5/8	92.08	120.65	139.70	58.72	123.85	18.3	19.9
3 3/4	95.25	123.83	142.88	58.72	127.00	18.3	19.9
3 7/8	98.43	127.00	146.05	61.90	130.20	18.3	19.9
4	101.60	130.18	149.23	61.90	133.35	18.3	19.9



HT-T2



parameter:

Pressure: ⩽0.5Mpa
Speed: ⩽10m/Sec
Temperature:
NBR:-20℃~+100℃
VITON:-20℃~+200℃

- Rotary Ring: (Carbon/Sic/TC)
- Staric Ring: (Ceramic/Sic/TC)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

HT-T2						
size(inch)	Model	d7	d2	d3	l1	l3
1/2	12	25.40	19.05	30.14	20.64	7.93
	14	31.75	23.80	33.32	22.23	10.28
5/8	16	31.75	23.80	33.32	22.23	10.28
3/4	18	34.93	26.98	36.50	22.23	10.28
	20	38.10	30.15	39.67	23.80	10.28
7/8	22	38.10	30.15	39.67	23.80	10.28
	24	41.28	33.32	45.50	25.40	11.10
1	25	41.28	33.32	45.50	25.40	11.10
1 1/8	28	44.44	36.50	48.50	26.97	11.10
	30	47.63	37.90	52.37	26.97	11.10
1 1/4	32	47.63	37.90	52.37	26.97	11.10
	33	50.80	42.84	56.00	28.58	11.10
1 3/8	35	50.80	42.84	56.00	28.58	11.10
1 1/2	38	53.98	46.05	59.20	28.58	11.10
1 5/8	40	60.38	50.80	67.00	34.93	12.70
	43	63.50	53.97	69.85	34.93	12.70
1 3/4	45	63.50	53.97	69.85	34.93	12.70
1 7/8	48	66.68	57.15	73.03	38.10	12.70
	48	69.85	60.32	73.03	38.10	12.70
2	50	69.85	60.32	76.20	38.10	12.70
2 1/8	53	76.20	60.32	82.55	42.85	14.28
2 1/4	55	79.39	61.90	85.73	42.85	14.28
2 3/8	60	82.55	67.39	88.90	46.02	14.28
2 1/2	63	85.73	68.25	92.08	46.02	14.28
2 5/8	65	87.73	71.24	98.43	49.20	15.90
2 3/4	70	88.90	74.60	101.60	49.20	15.90
2 7/8	73	95.25	77.77	104.78	52.37	15.90
3	75	98.43	80.95	107.95	52.37	15.90



HT-126

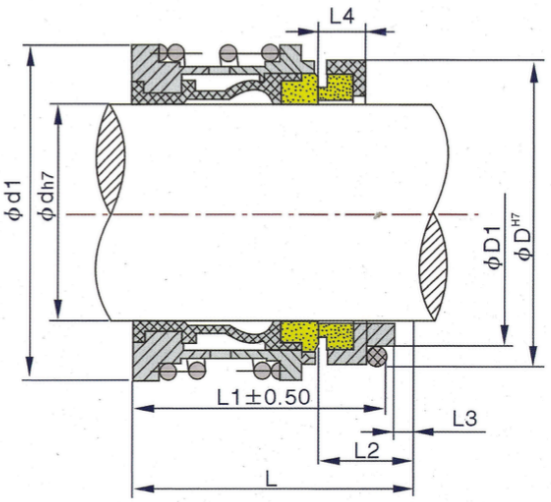
- Rotary Ring: (Carbon/Sic/TC)
- Staric Ring: (Sic/TC)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

参数:

压力: ≤1.2MPa
线速度: ≤3000r/min
温度: -20℃~+150℃

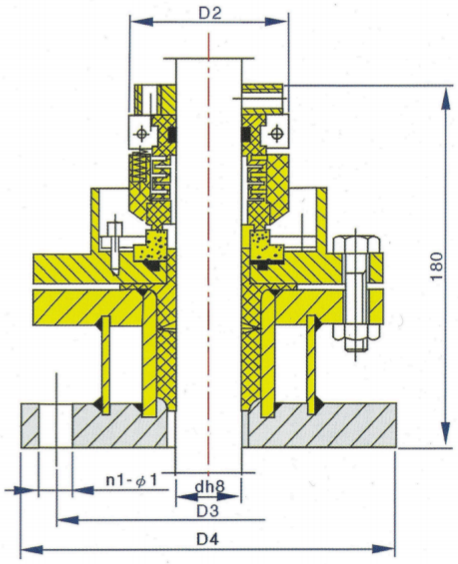
parameter:

Pressure: ≤1.2MPa
Speed: ≤3000r/min
Temperature: -20℃~+150℃



HT-126						
D1/size	D2	D3	D4	D5	L1	L2
20	39.5	41	67	90	25.0	44
22	42.5	44	67	90	30.5	44
25	44.0	46	73	105	30.5	44
28	47.0	49	73	105	30.5	44
30	49.0	51	73	105	30.5	44
33	54.0	58	85	115	32.0	45
35	58.0	60	85	115	32.0	45
38	59.0	63	95	125	32.0	45
40	61.0	65	95	125	32.0	45
43	64.0	68	95	125	32.0	45
45	68.0	70	95	125	32.5	45
48	69.0	73	106	135	32.5	48
50	71.5	75	106	135	32.5	48
53	78.0	83	114	140	37.5	48
55	80.0	85	114	140	37.5	48
58	83.0	88	114	140	37.5	48
60	85.0	90	114	140	37.5	49
63	88.0	93	127	155	37.5	49
65	90.0	95	127	155	43.0	49
70	99.0	104	127	155	43.0	49
75	104.0	109	137	160	42.5	49
80	109.0	114	137	160	42.5	49
85	114.0	119	146	176	47.5	51
90	119.0	124	146	176	47.5	51
95	124.0	129	153	190	46.5	51





HT-212

参数:

压力: ≤0.5MPa
线速度: ≤3000r/min
温度: -10℃~+150℃

parameter:

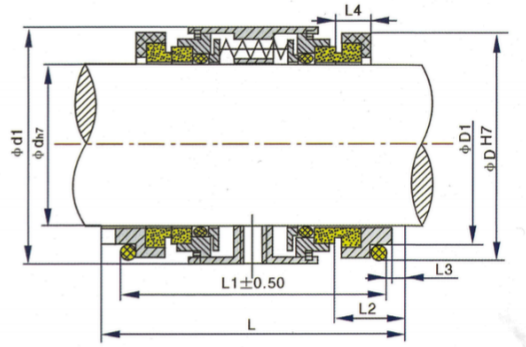
Pressure: ≤0.5MPa
Speed: ≤3000r/min
Temperature: -10℃~+150℃

HT-212-69				
d/size	D_1	D_2	D_3	n-Φ
42	90	140	170	6-Φ16
50	100	170	200	8-Φ16
60	110	190	220	10-Φ16
70	120	250	280	16-Φ16
75	130	250	280	16-Φ16
80	130	250	280	16-Φ16
90	140	250	280	16-Φ16
95	150	300	330	20-Φ16

HT-212-79				
d/size	D_1	D_2	D_3	n-Φ
40	90	130	160	4-Φ18
50	100	150	185	4-Φ18
65	115	170	205	4-Φ18
80	130	200	235	8-Φ18
95	150	200	235	8-Φ18
102	150	255	290	8-Φ18

HT-212-91				
d/size	D_1	D_2	D_3	n-Φ
40	90	130	160	4-Φ18
50	100	150	190	4-Φ18
65	115	170	210	4-Φ18
80	130	200	240	8-Φ18
95	150	225	265	8-Φ18
110	165	280	320	8-Φ18
125	180	280	320	8-Φ18
140	195	335	375	12-Φ18





HT-202A

参数:

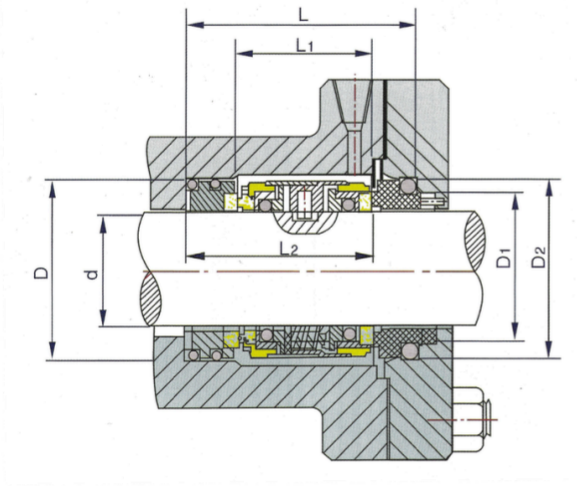
压力: ≤1.2MPa
线速度: ≤3000r/min
温度: -30℃~+180℃

parameter:

Pressure: ≤1.2MPa
Speed: ≤3000r/min
Temperature: -30℃~+180℃

- Rotary Ring: (Sic/TC)
- Staric Ring: (Sic/TC)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

HT-202A								
d/size	d1	D	D1	L	L1	L2	L3	L4
20	38	35	29	74.0	61.0	19	5.5	7.5
25	43	40	34	75.0	62.0	19	5.5	7.5
30	48	45	39	75.0	62.0	19	5.5	7.5
35	53	50	44	75.0	62.0	20	5.5	7.5
40	61	58	51	83.0	70.0	20	5.5	9.0
45	66	63	56	83.0	70.0	20	5.5	9.0
50	73	70	62	89.0	74.0	22	6.5	9.5
55	78	75	67	89.0	74.0	22	6.5	11.0
60	83	80	72	101.0	86.0	22	6.5	11.5
65	88	85	77	101.0	86.0	23	6.5	11.5
70	95	92	83	107.0	92.0	25	6.5	11.5
75	100	97	88	107.0	92.0	25	6.5	11.5
80	108	105	95	107.5	92.5	25	6.5	12.0





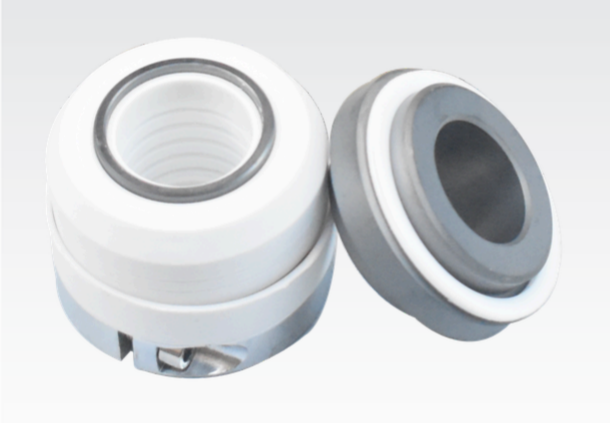
HT-224

parameter:

Pressure: ⩽2.0MPa
Speed: ⩽3000r/min
Temperature: -20℃~+150℃

- Rotary Ring: (Sic/TC)
- Staric Ring: (Sic/TC)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

HT-224						
d/size	D	D1	D2	L	L1	L2
35	51	44	50	87	54	74
40	60	50	58	99	62	86
45	65	55	63	99	62	86
50	70	62	70	99	62	86
55	75	67	75	105	62	86
60	85	72	80	105	62	90
65	89	77	85	105	62	90
70	95	84	92	105	63	90
75	102	87	97	105	63	88
80	107	95	105	105	63	88
85	112	100	110	105	63	88



HT-WB2

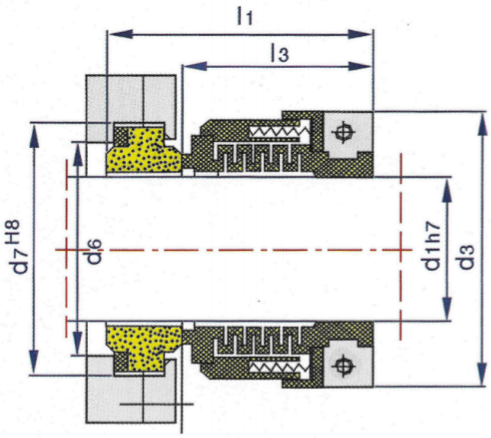


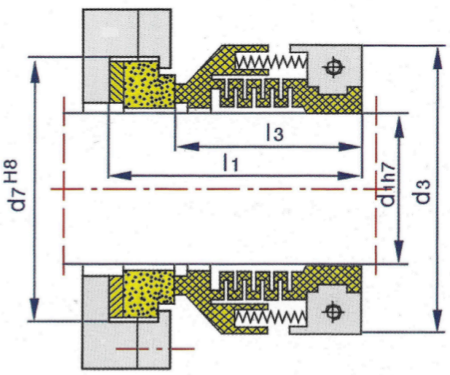
HT-152

parameter:

Pressure: ⩽0.5MPa
Speed: ⩽15m/Sec
Temperature: -10℃~+100℃

- Rotary Ring: (Sic)
- Staric Ring: (Sic/Alumina)
- Secondary Seal: (NBR/VITON/PTFE)
- Spring & other(SS304/SS316)

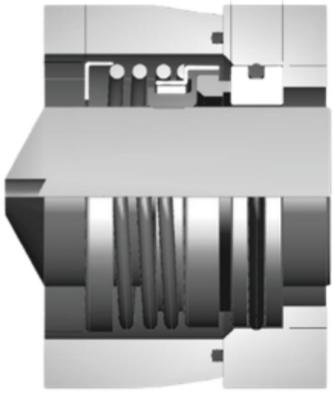




HT-WB2				
d/size	d3	d7	11	13
30	67	65	68.0	41.0
35	73	70	68.0	42.0
40	78	76	68.0	42.0
45	86	80	75.0	48.0
50	91	85	75.0	48.0
55	96	90	75.0	48.0
60	101	95	66.5	52.5
65	106	100	66.5	52.5

HT-152				
d/size	d3	d7	11	13
30	67	53	53.0	41.0
35	73	58	54.0	42.0
40	78	63	54.0	42.0
45	89	68	62.5	48.0
50	94	73	62.5	48.0
55	96	78	62.5	48.0
60	101	87	66.5	52.5
65	106	92	66.5	52.5





HT-T 21

参数:

压力: ≤1.5MPa
线速度: ≤12-15m/sec
温度: -40℃~+204℃

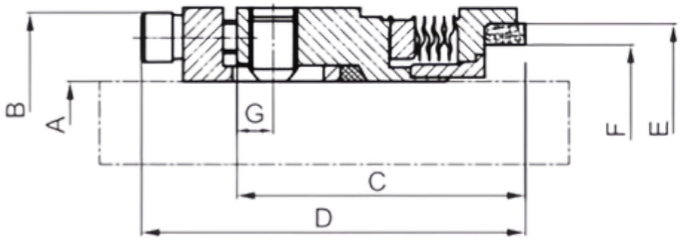
parameter:

Pressure: ≤1.5MPa
Speed: ≤12-15m/sec
Temperature: -40℃~+204℃

- Rotary Ring: (Carbon/Sic)
- Staric Ring: (Ceramic/Sic)
- Secondary Seal: (NBR/VITON)
- Spring & other(SS304/SS316)

D1		D2		D3		L1		L2	
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
0.500	18	1.000	32.99	0.915	33.12	0.812	26.59	0.406	10.49
0.625	20	1.250	34.98	1.177	33.12	0.875	26.59	0.406	10.49
0.750	22	1.375	37.01	1.304	33.12	0.875	26.59	0.406	10.49
0.875	24	1.500	38.99	1.463	40.34	0.937	28.98	0.406	10.49
1.000	25	1.625	40.01	1.588	40.34	11.000	28.98	0.437	10.49
1.125	28	1.750	42.98	1.838	46.69	1.062	31.75	0.437	10.49
1.250	30	1.875	45.01	1.838	46.69	1.062	31.75	0.437	10.49
1.375	32	2.000	48.01	1.963	46.69	1.125	31.75	0.437	10.49
1.500	33	2.125	48.01	2.154	46.69	1.125	31.75	0.437	10.49
1.625	35	2.375	50.01	2.435	49.86	1.375	31.75	0.500	10.49
1.750	38	2.500	56.01	2.435	54.71	1.375	33.32	0.500	11.51
1.875	40	2.625	57.99	2.560	61.85	1.500	33.32	0.500	11.51
2.000	43	2.750	61.01	2.810	61.85	1.500	33.32	0.500	11.51
2.125	45	3.000	62.99	2.935	61.85	1.687	33.32	0.562	11.51
2.250	48	3.125	65.99	2.935	65.02	1.687	33.32	0.562	11.51
2.375	50	3.250	70.00	3.034	71.37	1.812	35.71	0.562	13.49
2.500	53	3.375	73.00	3.437	74.55	1.812	35.71	0.562	13.49
2.625	55	3.375	74.98	3.559	74.55	1.937	35.71	0.625	13.49
2.750	58	3.500	78.00	3.559	74.55	1.937	35.71	0.625	13.49
2.875	60	3.750	80.01	3.684	77.06	2.062	38.48	0.625	13.49
3.000	63	3.875	83.01	3.934	87.30	2.062	38.48	0.625	13.49
	65		84.99		90.40		38.48		13.49
	68		89.99		90.40		38.48		15.49
	70		92.00		90.40		45.49		15.49
	75		96.85		93.57		45.49		15.49
	80		105.13		99.92		45.49		15.49





HT-606

Operating Limits

压力 ≤2.5MPa
速度 ≤25m/sec
温度 -75℃~+425℃

- 动环(碳化硅/石墨/碳化钨)
- 静环(碳化硅/石墨)
- 金属波纹管(SUS316/AM350/钛材 Inconel718/哈氏C/合金20
- 弹簧/金属 (65Mn/304/316)
- 辅助密封 (丁青胶/氟橡胶/全氟橡胶)

Operating Limits

Pressure: ≤2.5MPa
Speed: 25m/sec
Temperature: -75℃~+425℃

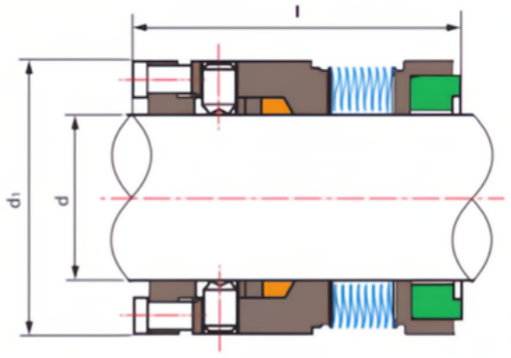
- Rotary Ring: (CA/SIC/TC)
- Staric Ring: (SIC/CA)
- Metal Bellows(SUS316/AM350 Lncone1718/Titanium/Hastelloy-C/Alloy-20
- Spring and other (65Mn/304/316)
- Secondary Seal (NBR/VITON/Kalrez)

Seal Size	B	C	D	E	F
0.750	1.625	1.687	2.312	1.438	1.23
0.875	1.750	1.719	2.343	1.565	1.365
1.000	1.875	1.719	2.343	1.719	1.519
1.125	2.000	1.750	2.375	1.845	1.645
1.250	2.125	1.750	2.375	1.970	1.72
1.375	2.250	1.844	2.468	2.095	1.845
1.500	2.375	1.875	2.500	2.220	1.97
1.625	2.500	1.875	2.500	2.345	2.095
1.750	2.625	1.906	2.531	2.471	2.221
1.875	2.750	1.906	2.531	2.595	2.345
2.000	2.875	1.937	2.562	2.721	2.471
2.125	3.000	1.937	2.562	2.846	2.596
2.250	3.250	2.000	2.750	3.096	2.796
2.375	3.375	2.031	2.781	3.221	2.921
2.500	3.500	2.031	2.781	3.347	3.047
2.625	3.687	2.125	2.875	3.502	3.202
2.750	3.812	2.250	3.000	3.627	3.327
2.875	4.000	2.250	3.000	3.772	3.442
3.000	4.125	2.250	3.000	3.897	3.567
3.125	4.250	2.250	3.000	4.022	3.692
3.250	4.375	2.250	3.000	4.147	3.817
3.375	4.500	2.250	3.000	4.272	3.942
3.500	4.625	2.250	3.000	4.397	4.067
3.625	4.750	2.250	3.000	4.522	4.192
3.750	4.875	2.250	3.000	4.647	4.317

Seal Size	B	C	D	E	F
20	41.28	58.72	2.312	1.438	1.23
22	44.45	59.51	2.343	1.565	1.365
25	47.63	59.51	2.343	1.719	1.519
30	50.80	60.33	2.375	1.845	1.645
32	53.98	60.33	2.375	1.970	1.72
35	57.15	62.69	2.468	2.095	1.845
38	60.33	63.50	2.500	2.220	1.97
40	63.50	63.50	2.500	2.345	2.095
45	66.68	64.29	2.531	2.471	2.221
48	69.85	64.29	2.531	2.595	2.345
50	73.03	65.07	2.562	2.721	2.471
55	76.20	65.07	2.562	2.846	2.596
60	85.73	70.64	2.750	3.096	2.796
65	88.90	70.64	2.781	3.221	2.921
70	96.82	76.20	2.781	3.347	3.047
75	104.78	76.20	2.875	3.502	3.202
80	107.95	76.20	3.000	3.627	3.327
85	114.30	76.20	3.000	3.772	3.442
90	117.48	76.20	3.000	3.897	3.567
95	123.83	76.20	3.000	4.022	3.692
100	130.18	76.20	3.000	4.147	3.817



HT-609



Operating Limits

压力 ≤2.5MPa
速度 ≤25m/sec
温度 -75℃~+425℃

- 动环(碳化硅/石墨/碳化钨)
- 静环(碳化硅/石墨)
- 金属波纹管(SUS316/AM350/钛材 Inconel718/哈氏C/合金20
- 弹簧/金属 (65Mn/304/316)
- 辅助密封 (丁青胶/氟橡胶/全氟橡胶)

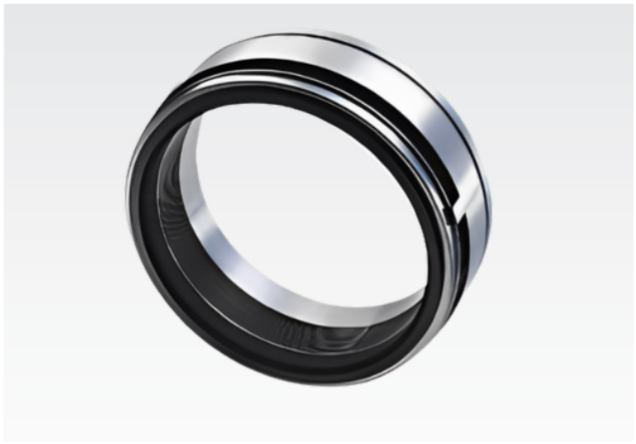
Operating Limits

Pressure: ≤2.5MPa
Speed: 25m/sec
Temperature: -75℃~+425℃

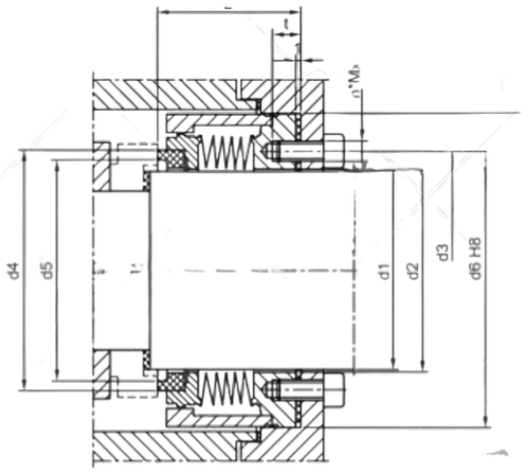
- Rotary Ring: (CA/SIC/TC)
- Staric Ring: (SIC/CA)
- Metal Bellows(SUS316/AM350 Lncone1718/Titanium/Hastelloy-C/Alloy-20
- Spring and other (65Mn/304/316)
- Secondary Seal (NBR/VITON/Kalrez)

Seal Size	d	d1	l
1.000	1.000	1.625	1.531
1.125	1.125	1.750	1.562
1.250	1.250	1.875	1.593
1.375	1.375	2.000	1.593
1.500	1.500	2.125	1.593
1.625	1.625	2.250	1.593
1.750	1.750	2.375	1.625
1.875	1.875	2.500	1.625
2.000	2.000	2.625	1.656
2.125	2.125	2.750	1.656
2.250	2.250	2.875	1.719
2.375	2.375	3.000	1.719
2.500	2.500	3.250	1.750
2.625	2.625	3.375	1.781
2.750	2.750	3.500	1.781
2.875	2.875	3.687	1.875
3.000	3.000	3.812	1.875
3.125	3.125	4.000	1.875
3.250	3.250	4.125	1.875
3.375	3.375	4.250	1.875
3.500	3.500	4.375	1.875
3.625	3.625	4.500	1.875
3.750	3.750	4.625	1.875
3.875	3.875	4.750	1.875
4.000	4.000	4.875	1.875

Seal Size	d	d1	l	E	F
25	25	41.28	38.89	1.438	1.23
28	28	44.45	39.67	1.565	1.365
32	32	47.63	40.46	1.719	1.519
35	35	50.80	40.46	1.845	1.645
38	38	53.98	40.46	1.970	1.72
40	40	57.15	40.46	2.095	1.845
45	45	60.33	41.28	2.220	1.97
48	48	63.50	41.28	2.345	2.095
50	50	66.68	42.06	2.471	2.221
55	55	69.85	42.06	2.595	2.345
60	60	76.20	43.66	2.721	2.471
65	65	82.55	44.45	2.846	2.596
70	70	88.90	45.24	3.096	2.796
75	75	96.82	47.63	3.221	2.921
80	80	101.60	47.63	3.347	3.047
85	85	107.95	47.63	3.502	3.202
90	90	111.13	47.63	3.627	3.327
95	95	117.48	47.63	3.772	3.442
100	100	123.83	47.63	3.897	3.567



MFL65



Operating Limits

压力 ≤2.5MPa
速度 ≤25m/sec
温度 -75℃~+425℃

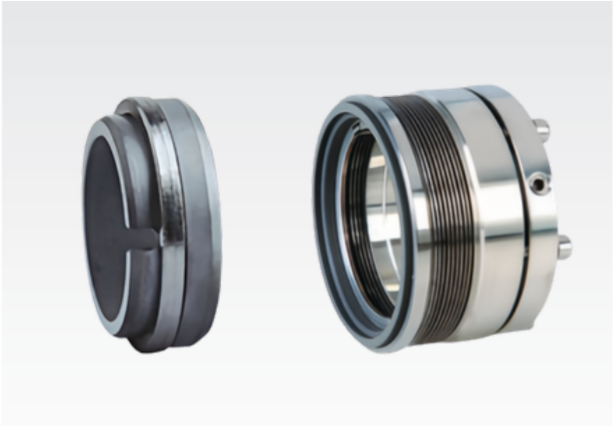
Operating Limits

Pressure: ≤2.5MPa
Speed: 25m/sec
Temperature: -75℃~+425℃

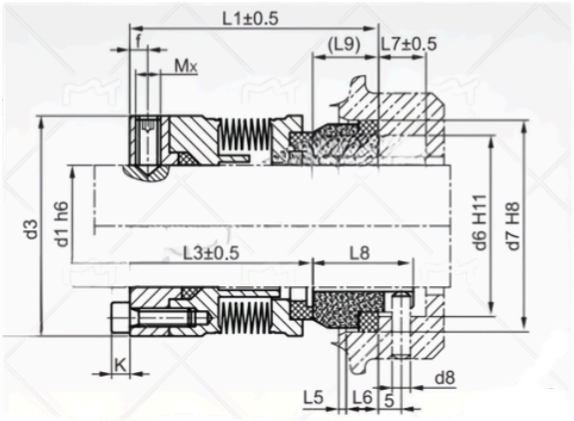
- 动环(碳化硅/石墨/碳化钨)
- 静环(碳化硅/石墨)
- 金属波纹管(SUS316/AM350/钛材 Inconel718/哈氏C/合金20
- 弹簧/金属 (65Mn/304/316)
- 辅助密封 (丁青胶/氟橡胶/全氟橡胶)

- Rotary Ring: (CA/SIC/TC)
- Staric Ring: (SIC/CA)
- Metal Bellows(SUS316/AM350 Lncone1718/Titanium/Hastelloy-C/Alloy-20
- Spring and other (65Mn/304/316)
- Secondary Seal (NBR/VITON/Kalrez)

Seal Size	d1	d2	d3	d4	d5	d6	L	n*Mx	t
19	16-19	20.5	29	30.3	25.3	45.0	33.5	4xM4	6
24	20-24	25.5	35	38.8	33.8	49.0	33.5	4xM4	6
30	25-30	31.5	40	43.6	38.6	55.0	34.5	6xM4	6
35	31-35	36.0	45	45.8	40.8	59.0	33.0	6xM4	6
40	36-40	41.0	50	51.5	46.5	65.0	30.5	6xM4	6
45	41-45	46.0	55	55.2	50.2	59.0	35.5	6xM4	6
51	46-51	52.0	63	64.7	59.7	76.5	40.5	6xM5	7
60	52-60	61.0	70	70.6	65.6	84.0	32.0	6xM5	7
70	61-70	71.0	80	82.8	76.8	95.0	38.0	6xM5	7
82	71-82	83.5	95	98.0	92.0	112.0	41.0	6xM6	7
88	83-88	89.5	100	107.7	101.7	120.0	47.0	6xM6	7
100	89-100	101.0	112	112.7	106.7	130.0	47.0	6xM6	7



MFLWT



技术参数

压力 ≤2.5MPa
速度 ≤25m/sec
温度 -75℃~+425℃

Operating Limits

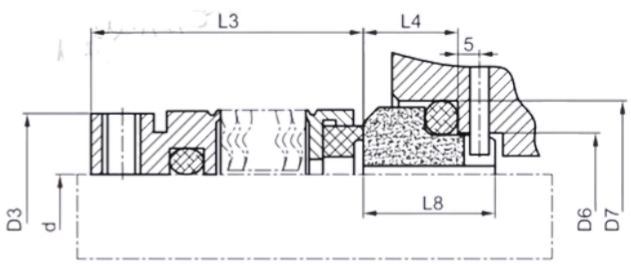
Pressure: ≤2.5MPa
Speed: 25m/sec
Temperature: -75℃~+425℃

- 动环(碳化硅/石墨/碳化钨)
- 静环(碳化硅/石墨)
- 金属波纹管(SUS316/AM350/钛材 Inconel718/哈氏C/合金20
- 弹簧/金属 (65Mn/304/316)
- 辅助密封 (丁青胶/氟橡胶/全氟橡胶)

- Rotary Ring: (CA/SIC/TC)
- Staric Ring: (SIC/CA)
- Metal Bellows(SUS316/AM350 Lncone1718/Titanium/Hastelloy-C/Alloy-20
- Spring and other (65Mn/304/316)
- Secondary Seal (NBR/VITON/Kalrez)

Seal Size	d3	d6	d7	d8	L1	L3	L5	L6	L7	L8	L9	f	k	mx
16	38	29.0	35.0	3	58.0	46.5	2.0	5	9	19.5	11.5	5	5	M5
18	40	31.0	37.0	3	58.0	46.5	2.0	5	9	19.5	11.5	5	5	M5
20	42	34.0	40.0	3	58.0	46.5	2.0	5	9	19.5	11.5	5	5	M5
22	44	37.0	43.0	3	58.0	46.5	2.0	5	9	19.5	11.5	5	5	M5
24	46	37.0	43.0	3	58.0	46.5	2.0	5	9	19.5	11.5	5	5	M5
25	47	39.0	45.0	3	58.0	46.5	2.0	5	9	19.5	11.5	5	5	M5
28	50	42.0	48.0	3	58.0	46.5	2.0	5	9	19.5	11.5	5	5	M6
30	52	44.0	50.0	3	58.0	46.5	2.0	5	9	19.5	11.5	5	5	M6
32	54	49.0	56.0	4	60.5	46.5	2.0	6	9	22.0	14.0	5	5	M6
33	5	49.0	56.0	4	60.5	46.5	2.0	6	9	22.0	14.0	5	5	M6
35	57	51.0	58.0	4	60.5	46.5	2.0	6	9	22.0	14.0	5	5	M6
38	61	54.0	61.0	4	60.5	46.5	2.0	6	9	22.0	14.0	5	5	M6
40	66	56.0	63.0	4	61.5	47.5	2.0	6	9	22.0	14.0	5	6	M6
43	69	59.0	66.0	4	61.5	47.5	2.0	6	9	22.0	14.0	5	6	M6
45	71	62.0	70.	4	62.5	47.5	2.5	6	9	23.0	15.0	5	6	M6
48	74	65.0	73.0	4	62.5	47.5	2.5	6	9	23.0	15.0	5	6	M6
50	76	67.0	75.0	4	62.5	47.5	2.5	6	9	23.0	15.0	5	6	M6
53	79	70.0	78.0	4	62.5	47.5	2.5	6	9	23.0	15.0	5	6	M6
55	81	72.0	80.0	4	62.5	47.5	2.5	6	9	23.0	15.0	5	6	M6
58	85	75.0	83.0	4	68.0	53.0	2.5	6	9	23.0	15.0	5	6	M6
60	87	77.0	85.0	4	68.0	53.0	2.5	6	9	23.0	15.0	6	6	M8
63	90	81.0	90.0	4	71.0	53.0	2.5	7	9	26.0	18.0	6	6	M8
65	92	83.0	92.0	4	71.0	53.0	2.5	7	9	26.0	18.0	6	6	M8
68	95	88.0	97.0	4	71.0	53.0	2.5	7	9	26.0	18.0	6	6	M8
70	97	88.0	97.0	4	71.0	53.0	2.5	7	9	26.0	18.0	6	6	M8
75	102	95.0	105.0	4	71.0	52.8	3.0	7	9	26.2	18.2	6	6	M8
80	107	100.0	110.0	4	71.0	52.8	3.0	7	9	26.2	18.2	6	6	M8
85	112	105.0	115.0	4	71.0	52.8	3.0	7	9	26.2	18.2	6	6	M8
90	117	110.0	120.0	4	71.0	53.8	3.0	7	9	25.2	17.2	6	6	M8
95	122	115.0	1250	4	71.0	53.8	3.0	7	9	25.2	17.2	6	6	M8
100	127	122.2	134.0	5	74.0	54.0	3.0	9	11	30.0	20.0	6	6	M8





MFL85N

技术参数

压力 ≤2.5MPa
速度 ≤25m/sec
温度 -75℃~+425℃

Operating Limits

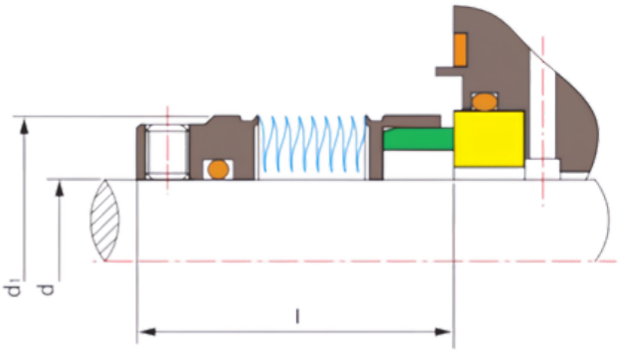
Pressure: ≤2.5MPa
Speed: 25m/sec
Temperature: -75℃~+425℃

- 动环(碳化硅/石墨/碳化钨)
- 静环(碳化硅/石墨)
- 金属波纹管(SUS316/AM350/钛材 Inconel718/哈氏C/合金20
- 弹簧/金属 (65Mn/304/316)
- 辅助密封 (丁青胶/氟橡胶/全氟橡胶)

- Rotary Ring: (CA/SIC/TC)
- Staric Ring: (SIC/CA)
- Metal Bellows(SUS316/AM350 Lncone1718/Titanium/Hastelloy-C/Alloy-20
- Spring and other (65Mn/304/316)
- Secondary Seal (NBR/VITON/Kalrez)

Seal Size	d3	d6	d7	L3	L8	L4
16	30.0	23	27.0	32.5	17.5	10.0
18	32.0	27	33.0	30.5	14.0	11.5
20	33.5	29	35.0	30.5	14.0	11.5
22	36.5	31	37.0	30.5	14.0	11.5
24	39.0	33	39.0	28.5	19.5	11.5
25	39.6	34	40.0	28.5	19.5	11.5
28	42.8	37	43.0	31.0	19.5	11.5
30	45.0	39	45.0	31.0	19.5	11.5
32	46.0	42	48.0	31.0	19.5	11.5
33	48.0	42	48.0	31.0	19.5	11.5
35	49.2	44	50.0	31.0	19.5	11.5
38	52.3	49	56.0	31.0	22.0	14.0
40	55.5	51	58.0	31.0	22.0	14.0
43	57.5	54	61.0	31.0	22.0	14.0
45	58.7	56	63.0	31.0	22.0	14.0
48	61.9	59	66.0	31.0	22.0	14.0
50	65.0	62	70.0	32.5	23.0	15.0
53	68.2	65	73.0	32.5	23.0	15.0
55	70.0	67	75.0	32.5	23.0	15.0
58	71.7	70	78.0	37.5	23.0	15.0
60	74.6	72	80.0	37.5	23.0	15.0
63	89.0	75	83.0	37.5	23.0	15.0
65	84.1	77	85.0	37.5	23.0	15.0
68	87.3	81	90.0	34.5	26.0	18.0
70	87.3	83	92.0	42.0	26.0	18.0
75	95.0	88	97.0	42.0	26.0	18.0
80	95.4	95	105.0	41.8	26.2	18.2
85	104.7	100	110.0	41.8	26.2	18.2
90	111.0	105	115.0	46.8	26.2	18.2
95	114.0	110	120.0	47.8	25.2	17.2
100	117.4	115	125.0	47.8	25.2	17.2





680

技术参数

压力 ≤2.1MPa
速度 ≤25m/sec
温度 -20℃~+200℃

- 动环(碳化硅/石墨/碳化钨)
- 静环(碳化硅/石墨)
- 金属波纹管(SUS316/AM350/钛材 Inconel718/哈氏C/合金20
- 弹簧/金属 (65Mn/304/316)
- 辅助密封 (丁青胶/氟橡胶/全氟橡胶)

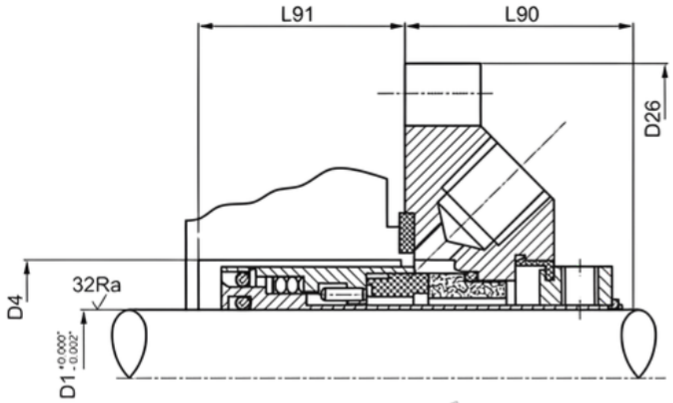
Operating Limits

Pressure: ≤2.1MPa
Speed: 25m/sec
Temperature: -20℃~+200℃

- Rotary Ring: (CA/SIC/TC)
- Staric Ring: (SIC/CA)
- Metal Bellows(SUS316/AM350 Lncone1718/Titanium/Hastelloy-C/Alloy-20
- Spring and other (65Mn/304/316)
- Secondary Seal (NBR/VITON/Kalrez)

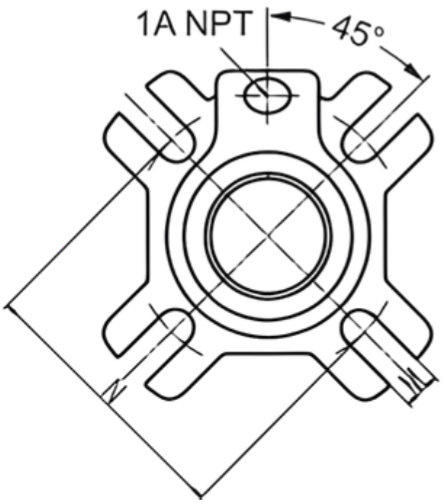
Seal size	d1	l
0.750	1.312	1.250
0.875	1.437	1.250
0.937	1.500	1.250
1.000	1.562	1.250
1.125	1.687	1.250
1.250	1.812	1.312
1.375	1.937	1.437
1.500	2.062	1.437
1.625	2.187	1.437
1.750	2.312	1.437
1.875	2.437	1.500
2.000	2.562	1.500
2.125	2.687	1.500
2.250	2.812	1.562
2.375	2.937	1.562
2.500	3.187	1.562
2.625	3.312	1.625
2.750	3.437	1.625
2.875	3.625	1.687
3.000	3.750	1.687
3.125	3.875	1.750
3.250	4.000	1.750
3.375	4.125	1.750
3.500	1.250	1.875
3.625	4.375	1.875
3.750	4.500	1.875
3.875	4.625	1.875
4.000	4.750	1.875
4.250	5.187	1.903
4.500	5.437	1.903
4.750	5.687	1.903
5.000	5.937	1.903
5.250	6.213	1.903
5.500	6.463	1.903
5.750	6.714	1.903
6.000	6.964	1.903

Seal Size	d1	l
18	32.0	27.5
20	33.3	27.5
22	36.0	27.5
24	38.1	30.0
25	39.0	30.0
28	42.0	32.5
30	44.0	32.5
32	46.0	32.5
33	47.0	32.5
35	49.2	32.5
38	52.4	34.0
40	55.6	34.0
43	58.7	34.0
45	58.7	34.0
48	61.9	34.0
50	65.1	34.5
53	68.3	34.5
55	71.0	34.5
60	74.6	39.5
65	84.1	39.5
70	87.3	45.0
75	95.3	45.0
80	98.4	44.5
85	104.8	44.5
90	108.0	49.5
95	114.3	49.5
100	120.7	49.5
105	131.7	48.3
110	138.1	48.3
115	144.5	48.3
120	144.5	48.3
125	150.8	48.3
130	157.8	48.3
140	170.5	48.3
150	176.9	48.3





GB4610



D1(Inch)	D4 Box Bore Min.	D4 Box Bore Max.	D26	L90 Min.	L91	N Min.	N Max.	M
1.000	1.615	1.940	4.125	1.422	1.267	2.62	3.75	0.437
1.125	1.730	2.060	4.250	1.422	1.267	2.75	3.87	0.437
1.250	1.875	2.190	4.370	1.422	1.267	2.87	4.00	0.437
1.375	2.000	2.310	4.500	1.422	1.267	3.06	4.12	0.437
1.500	2.250	2.500	5.000	1.462	1.313	3.43	4.50	0.563
1.625	2.360	2.500	5.000	1.462	1.313	3.43	4.50	0.563
1.750	2.500	2.625	5.250	1.462	1.313	3.56	4.75	0.563
1.875	2.625	3.000	5.500	1.462	1.313	3.87	5.00	0.563
2.000	2.750	3.000	5.500	1.462	1.313	3.87	5.00	0.563
2.125	2.875	3.310	5.750	1.462	1.313	4.37	5.12	0.563
2.250	3.000	3.310	5.750	1.462	1.313	4.37	5.12	0.689
2.375	3.130	3.560	6.000	1.462	1.313	4.62	5.37	0.689
2.500	3.250	3.875	6.250	1.462	1.433	4.87	5.62	0.689
2.625	3.500	3.875	6.250	1.482	1.433	4.87	5.62	0.689
2.750	3.740	3.875	6.250	1.482	1.433	4.87	5.62	0.689

D1(mm)	D4 Box Bore Min.	D4 Box Bore Max.	D26	L90 Min.	L91	N Min.	N Max.	M
24	40.0	49.2	104.8	36	32	66.7	95.3	11.1
25	41.0	49.2	104.8	36	32	66.7	95.3	11.1
28	44.0	52.4	108.0	36	32	69.9	98.4	11.1
30	46.0	55.6	111.0	36	32	73.0	101.6	11.1
32	47.6	55.6	111.0	36	32	73.0	101.6	11.1
33	49.0	58.7	114.3	36	32	73.0	101.6	11.1
35	50.8	58.7	114.3	36	32	77.8	104.8	11.1
38	57.15	63.5	127.0	37	33	87.3	114.3	14.3
40	60.0	63.5	127.0	37	33	87.3	114.3	14.3
43	63.0	66.7	133.4	37	33	90.5	120.7	14.3
45	63.5	66.7	133.4	37	33	90.5	120.7	14.3
48	66.7	76.2	139.7	37	33	98.4	127.0	14.3
50	69.8	76.2	139.7	37	33	98.4	127.0	14.3
53	73.0	84.1	146.0	37	33	111.1	130.2	17.5
55	73.0	84.1	146.0	37	33	111.1	130.2	17.5
58	79.4	90.5	152.4	37	33	117.5	136.5	17.5
60	79.4	90.5	152.4	37	33	117.5	136.5	17.5
63	82.6	98.4	158.8	37	36	123.8	142.9	17.5
65	88.9	98.4	158.8	37.5	36	123.8	142.9	17.5
70	95.0	98.4	158.8	37.5	36	123.8	142.9	17.5

技术参数

压力 ≤2.1MPa
速度 ≤15m/sec
温度 -20℃~+205℃

Operating Limits

Pressure: ≤2.1MPa
Speed: 15m/sec
Temperature: -20℃~+205℃

- 动环(碳化硅/石墨/碳化钨)
- 静环(碳化硅/石墨/碳化钨)
- 金属(SUS304/SUS316/哈氏C)
- 辅助密封 (丁青胶/氟橡胶/全氟橡胶)

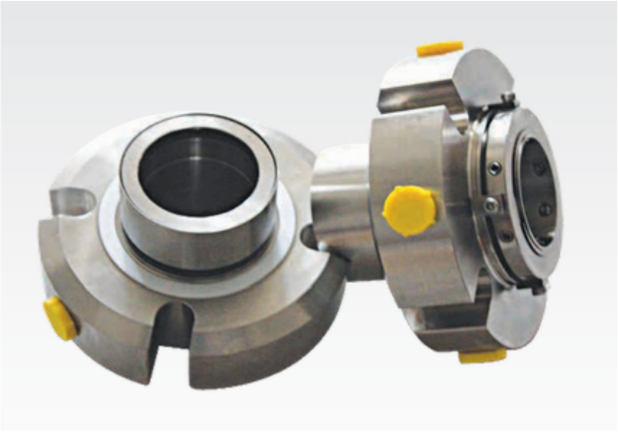
- Rotary Ring: (CA/SIC/TC)
- Staric Ring: (SIC/CA/TC)
- Metal Bellows(SUS304SUS316/Hastelloy-C)
- Secondary Seal (NBR/VITON/Kalrez)

技术参数

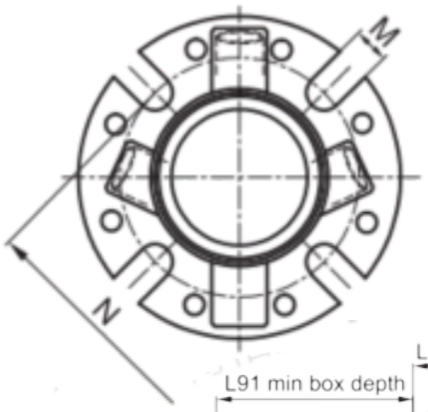
压力 ≤2.0MPa
速度 ≤23m/sec
温度 -20℃~+205℃

Operating Limits

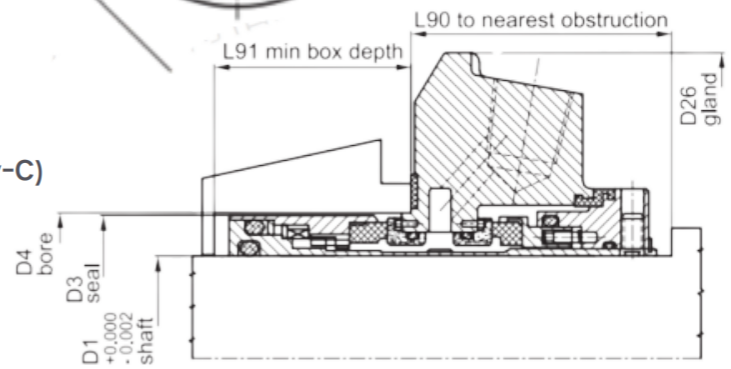
Pressure: ≤2.0MPa
Speed: 23m/sec
Temperature: -20℃~+205℃



GB4620/4620P

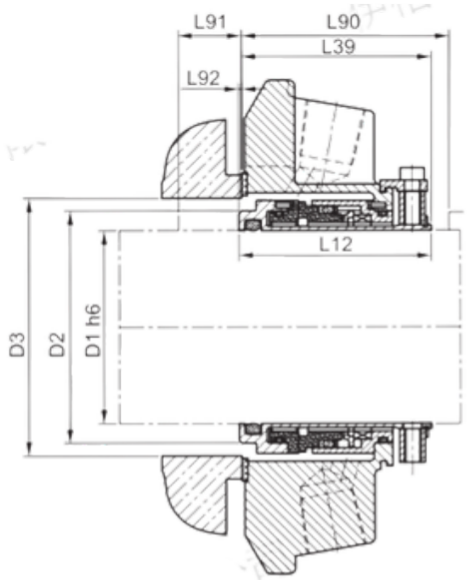


- 动环(碳化硅/石墨/碳化钨)
- 静环(碳化硅/石墨/碳化钨)
- 金属(SUS304/SUS316/哈氏C)
- 辅助密封 (丁青胶/氟橡胶/全氟橡胶)



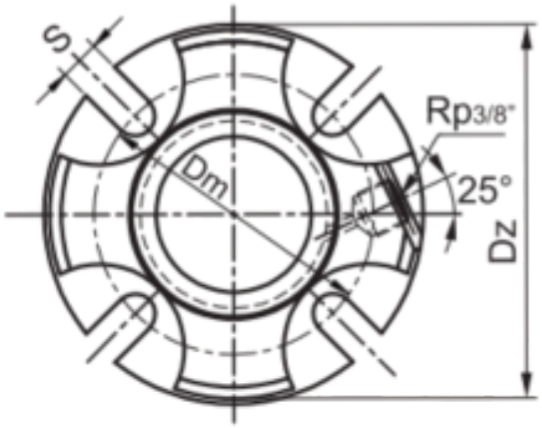
- Rotary Ring: (CA/SIC/TC)
- Staric Ring: (SIC/CA/TC)
- Metal Bellows(SUS304SUS316/Hastelloy-C)
- Secondary Seal (NBR/VITON/Kalrez)

D1(mm)	D4 Box Bore Min.	D4 Box Bore Max.	D26	L90	L91 Min.	N	M
1.000	1.625	1.889	4.000	2.000	1.635	2.805	0.525
1.125	1.750	2.015	4.125	2.125	1.603	2.933	0.525
1.250	1.875	2.294	4.250	2.125	1.603	3.213	0.525
1.375	2.000	2.421	4.375	2.125	1.603	3.338	0.525
1.500	2.250	2.680	4.875	2.187	1.680	3.599	0.525
1.625	2.375	2.812	5.000	2.187	1.680	3.766	0.562
1.750	2.500	2.918	5.250	2.187	1.680	3.875	0.562
1.875	2.625	2.918	5.250	2.187	1.680	3.875	0.562
2.000	2.750	3.015	5.500	2.375	1.711	4.000	0.562
2.125	2.875	3.360	5.859	2.375	1.711	4.469	0.687
2.250	3.000	3.485	6.500	2.475	1.711	4.566	0.687
2.375	3.125	3.610	6.500	2.528	1.711	4.719	0.687
2.500	3.375	3.891	6.750	2.625	1.703	5.000	0.687
2.625	3.687	4.062	6.750	2.562	1.727	5.170	0.687
2.750	3.687	4.062	6.750	2.562	1.727	5.170	0.687





GB5610



技术参数

压力 ≤2.1MPa
速度 ≤25m/sec
温度 -30℃~+205℃

Operating Limits

Pressure: ≤2.1MPa
Speed: 25m/sec
Temperature: -30℃~+205℃

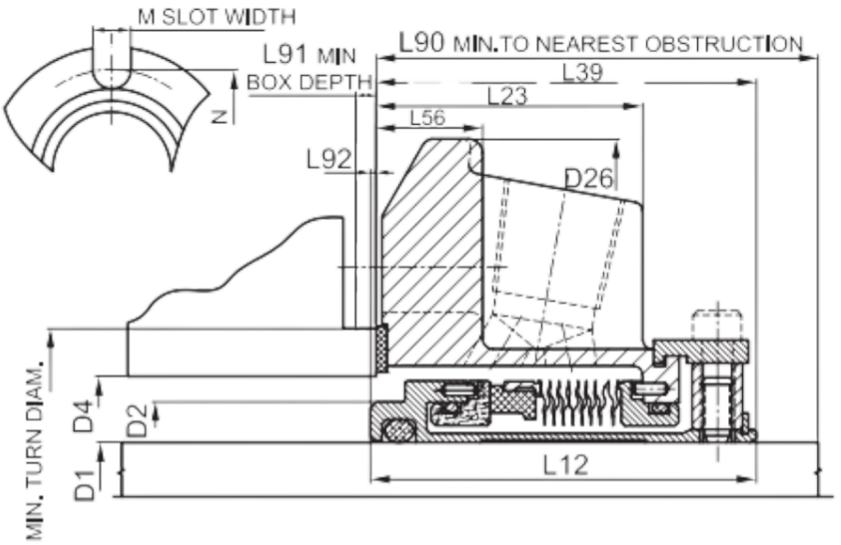
- 动环(碳化硅/石墨/碳化钨)
- 静环(碳化硅/石墨/碳化钨)
- 金属(SUS304/SUS316/哈氏C)
- 辅助密封 (丁青胶/氟橡胶/全氟橡胶)

- Rotary Ring: (CA/SIC/TC)
- Staric Ring: (SIC/CA/TC)
- Metal Bellows(SUS304SUS316/Hastelloy-C)
- Secondary Seal (NBR/VITON/Kalrez)

Size	D2	D3Min	D3Max	Dz	L12	L39	L90	L91	L92	Dm	S
24	34.9	36.7	48.0	101.6	50.5	49.6	50.8	4.0	0.9	71.2	13.3
25	34.9	36.7	48.0	101.6	50.5	49.6	50.8	4.0	0.9	71.2	13.3
28	38.1	*	51.2	104.8	52.4	52.4	54.0	3.2	*	74.6	13.3
30	40.0	*	56.5	108.0	52.4	52.4	54.0	3.2	*	79.9	13.3
32	41.3	*	58.3	108.0	52.4	52.4	54.0	3.2	*	81.6	13.3
33	44.5	*	61.5	111.1	52.4	52.4	54.0	3.2	*	84.8	13.3
35	44.5	*	61.5	111.1	52.4	52.4	54.0	3.2	*	84.8	13.3
38	49.2	51.0	68.1	123.8	54.8	54.0	55.5	4.0	0.8	91.4	13.3
40	52.4	54.2	71.4	127.0	54.8	54.0	55.5	4.0	0.8	96.7	14.3
43	55.1	56.9	74.1	133.4	54.8	54.0	55.5	4.0	0.8	98.4	14.3
45	55.1	56.9	74.1	133.4	54.8	54.0	55.5	4.0	0.8	98.4	14.3
48	58.7	60.5	74.1	133.4	54.8	54.0	55.5	4.0	0.8	98.4	14.3
50	61.9	63.7	76.6	139.7	60.3	58.7	60.3	4.7	1.6	101.6	14.3
53	65.1	66.9	85.3	148.8	60.3	58.7	60.3	4.7	1.6	113.5	17.4
55	66.7	75.0	85.3	148.8	60.3	58.7	60.3	4.7	1.6	113.5	17.4
58	68.2	70.0	88.5	165.1	60.3	58.7	60.3	4.7	1.6	116.0	17.4
60	71.4	73.2	91.7	165.1	63.1	62.6	64.2	3.6	1.6	119.9	17.4
63	77.8	*	98.8	171.5	63.1	65.1	66.7	3.2	0.5	127.0	17.4
65	77.8	*	98.8	171.5	63.1	65.1	66.7	3.2	*	127.0	17.4
68	84.1	*	103.2	171.5	63.5	63.5	65.1	3.2	*	131.3	17.4
70	84.1	*	103.2	171.5	63.5	63.5	65.1	3.2	*	131.3	17.4
75	92.1	*	113.5	196.9	63.5	65.1	66.7	3.2	*	145.3	20.6
80	95.3	97.9	116.8	188.9	65.1	63.8	66.9	4.5	1.3	148.4	20.6
85	101.6	104.8	123.2	206.4	65.1	65.1	68.3	3.2	*	154.5	20.6
90	107.1	110.3	129.5	212.7	65.1	65.1	68.3	3.2	*	158.8	17.4
95	110.3	113.5	132.1	222.3	65.1	65.1	68.3	3.2	*	172.0	17.4
100	116.7	119.8	139.7	228.6	65.1	65.1	68.3	3.2	*	171.7	20.6
105	119.8	123.0	142.9	228.6	65.1	65.1	68.3	3.2	*	174.9	20.6
110	129.4	132.5	152.4	241.3	65.1	65.1	68.3	3.2	*	184.4	20.6
115	129.4	132.5	152.4	241.3	65.1	65.1	68.3	3.2	*	184.4	20.6
120	135.7	138.9	160.4	263.5	65.1	65.1	68.3	3.2	*	192.4	20.6
125	148.4	151.6	184.4	304.8	75.0	77.3	80.5	3.2	*	254.0	20.6
130	154.8	157.9	190.8	311.2	75.0	77.3	80.5	3.2	*	260.4	20.6
135	161.1	164.3	203.2	322.3	75.0	77.3	80.5	3.2	*	265.7	23.8
140	161.1	164.3	203.2	322.3	75.0	77.3	80.5	3.2	*	265.7	23.8

Size	D2	D3Min	D3Max	Dz	L12	L39	L90	L91	L92	Dm	S
1.000	1.375	1.445	1.889	4.000	1.989	1.954	2.000	0.160	0.035	2.805	0.525
1.125	1.500	*	2.015	4.125	2.062	2.062	2.125	0.125	*	2.933	0.525
1.250	1.625	*	2.294	4.250	2.062	2.062	2.125	0.125	*	3.213	0.525
1.375	1.750	*	2.421	4.376	2.062	2.062	2.125	0.125	*	3.338	0.525
1.500	1.937	2.007	2.680	4.876	2.156	2.125	2.187	0.156	0.031	3.599	0.525
1.625	2.062	2.132	2.812	5.000	2.156	2.125	2.187	0.156	0.031	3.766	0.662
1.750	2.170	2.240	2.918	5.250	2.156	2.125	2.187	0.156	0.031	3.875	0.662
1.875	2.312	2.382	2.918	5.250	2.156	2.125	2.187	0.156	0.031	3.875	0.662
2.000	2.437	2.507	3.015	5.500	2.375	2.312	2.375	0.187	0.062	4.000	0.662
2.125	2.662	2.623	3.360	5.869	2.375	2.312	2.375	0.187	0.062	4.469	0.687
2.250	2.687	2.767	3.485	6.500	2.375	2.312	2.375	0.187	0.062	4.566	0.687
2.375	2.812	2.882	3.610	6.500	2.484	2.406	2.625	0.143	0.018	4.719	0.687
2.500	3.062	*	3.891	6.750	2.484	2.662	2.625	0.125	*	5.000	0.687
2.625	3.312	*	4.062	6.750	2.500	2.600	2.625	0.125	*	5.170	0.687
2.750	3.312	*	4.062	6.750	2.500	2.600	2.662	0.125	*	5.170	0.687
2.875	3.375	*	4.186	7.000	2.500	2.600	2.662	0.125	*	5.312	0.687
3.000	3.625	*	4.469	7.750	2.500	2.662	2.625	0.125	*	5.720	0.812
3.125	3.750	3.853	4.600	7.875	2.662	2.662	2.687	0.125	*	5.845	0.812
3.250	3.750	3.853	4.600	7.437	2.662	2.610	2.635	0.177	0.062	5.845	0.812
3.375	4.000	4.125	4.850	8.125	2.662	2.662	2.687	0.125	*	6.095	0.812
3.500	4.125	4.250	4.975	8.250	2.562	2.662	2.687	0.125	*	6.220	0.812
3.625	4.218	4.343	5.100	8.375	2.562	2.662	2.687	0.125	*	6.250	0.687
3.750	4.343	4.468	5.199	8.750	2.562	2.662	2.687	0.125	*	6.770	0.687
3.875	4.468	4.593	5.375	8.750	2.562	2.662	2.687	0.125	*	6.635	0.812
4.000	4.593	4.718	5.500	9.000	2.562	2.662	2.687	0.125	*	6.761	0.812
4.125	4.718	4.843	5.625	9.000	2.562	2.662	2.687	0.125	*	6.886	0.812
4.250	4.843	4.968	5.750	9.250	2.562	2.662	2.687	0.125	*	7.011	0.812
4.500	5.093	5.218	6.000	9.500	2.562	2.662	2.687	0.125	*	7.261	0.812
4.750	5.343	5.468	6.313	10.375	2.562	2.662	2.687	0.125	*	7.574	0.812
5.000	5.843	5.968	7.200	12.000	2.953	3.043	3.168	0.125	*	10.000	0.812
5.250	6.093	6.218	7.510	12.250	2.953	3.043	3.168	0.125	*	10.250	0.812
5.500	6.343	6.468	8.000	12.687	2.953	3.043	3.168	0.125	*	10.500	0.937





GB5615

技术参数

压力 ≤2.1MPa
速度 ≤25m/sec
温度 -30℃~+205℃

Operating Limits

Pressure: ≤2.1MPa
Speed: 25m/sec
Temperature: -30℃~+205℃

- 动环(碳化硅/石墨/碳化钨)
- 静环(碳化硅/石墨/碳化钨)
- 金属(SUS304/SUS316/哈氏C)
- 辅助密封 (丁青胶/氟橡胶/全氟橡胶)

- Rotary Ring: (CA/SIC/TC)
- Staric Ring: (SIC/CA/TC)
- Metal Bellows(SUS304SUS316/Hastelloy-C)
- Secondary Seal (NBR/VITON/Kalrez)

GB-Type 5615 Dimensions(Inches)

D1	D2	D4(min.)	D4(max.)	D26	L12	L23	L39	L56	L90	L91	L92	M	N
1.000	1.375	1.445	1.889	4.000	1.989	1.353	1.954	0.531	2.000	0.160	0.035	0.525	2.805
1.125	1.500	*	2.015	4.125	2.062	1.446	2.062	0.531	2.125	0.125	*	0.525	2.933
1.250	1.625	*	2.294	4.250	2.062	1.446	2.062	0.531	2.125	0.125	*	0.525	3.213
1.375	1.750	*	2.421	4.375	2.062	1.446	2.062	0.531	2.125	0.125	*	0.525	3.338
1.500	1.937	2.007	2.680	4.875	2.156	1.487	2.125	0.593	2.187	0.156	0.031	0.525	3.599
1.625	2.062	2.132	2.812	5.000	2.156	1.487	2.125	0.593	2.187	0.156	0.031	0.562	3.766
1.750	2.170	2.240	2.918	5.250	2.156	1.487	2.125	0.593	2.187	0.156	0.031	0.562	3.875
1.875	2.312	2.382	2.918	5.250	2.156	1.487	2.125	0.593	2.187	0.156	0.031	0.562	3.875
2.000	2.437	2.507	3.015	5.500	2.375	1.601	2.312	1.063	2.375	0.187	0.062	0.562	4.000
2.125	2.562	2.632	3.360	5.859	2.375	1.601	2.312	0.593	2.375	0.187	0.062	0.687	4.469
2.250	2.687	2.757	3.485	6.500	2.375	1.601	2.312	0.593	2.375	0.187	0.062	0.687	4.566
2.375	2.812	2.882	3.610	6.500	2.484	1.717	2.466	0.625	2.528	0.143	0.018	0.687	4.719
2.500	3.062	*	3.891	6.750	2.484	1.717	2.563	0.625	2.625	0.125	*	0.687	5.000
2.625	3.312	*	4.062	6.750	2.500	1.625	2.500	0.625	2.562	0.125	*	0.687	5.170
2.750	3.312	*	4.062	6.750	2.500	1.625	2.500	0.625	2.562	0.125	*	0.687	5.170
2.875	3.375	*	4.186	7.000	2.500	1.725	2.500	0.625	2.562	0.125	*	0.687	5.312
3.000	3.625	*	4.469	7.750	2.500	1.787	2.562	0.685	2.625	0.125	*	0.812	5.720

Type 5615 Oversize Bore Dimensional Data (inches)

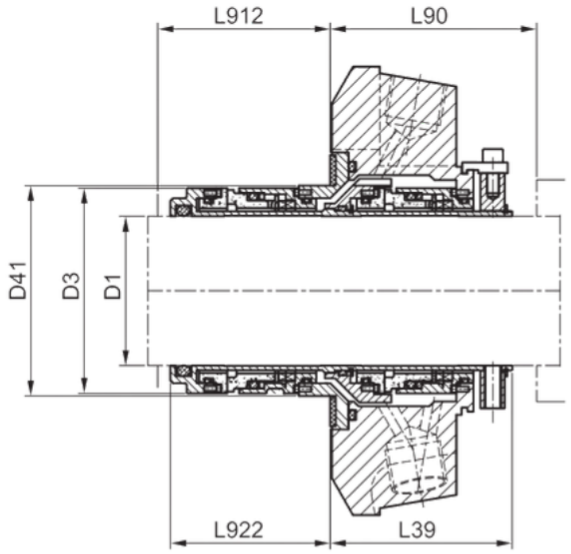
D1	D2	D4(min.)	D4(max.)	D26	L12	L23	L39	L56	L90	L91	L92	M	N	Turn Diam.(min.)
1.375	1.750	2.875	3.023	5.375	2.062	1.446	2.062	0.625	2.125	0.250	0.125	0.562	4.062	3.268
1.750	2.170	3.500	3.925	6.500	2.156	1.487	2.125	0.656	2.187	0.250	0.125	0.687	5.093	3.885
1.875	2.312	3.625	3.734	6.500	2.156	1.316	1.954	0.485	2.017	0.327	0.202	0.687	5.093	**
2.125	2.562	3.875	4.250	7.156	2.375	1.570	2.282	0.749	2.407	0.219	0.094	0.687	5.687	4.264
2.500	3.062	4.750	4.875	8.000	2.484	1.697	2.407	0.656	2.532	0.204	0.079	0.687	6.062	5.139
2.625	3.312	4.625	4.740	8.000	2.500	1.617	2.329	0.578	2.454	0.296	0.171	0.687	6.062	***
2.750	3.312	4.750	4.875	8.000	2.500	1.697	2.407	0.656	2.532	0.218	0.093	0.687	6.062	5.139

**Seal cartridge is OD registered on the turn diam. of 4.125"; ***Seal cartridge is OD registered on the turn diam. of 5.125".

GB-Type 5615 Dimensions(mm)

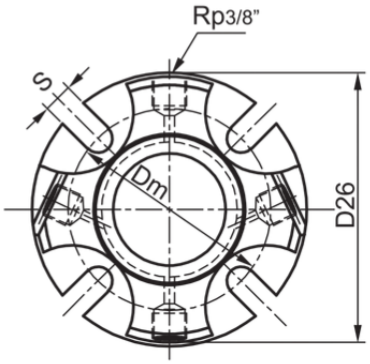
D1	D2	D4(min.)	D4(max.)	D26	L12	L23	L39	L56	L90	L91	L92	M	N
24	34.9	36.7	48	101.6	50.5	34.4	49.6	13.5	50.8	4	0.9	13.3	71.2
25	34.9	36.7	48	101.6	50.5	34.4	49.6	13.5	50.8	4	0.9	13.3	71.2
28	38.1	*	51.2	104.8	52.4	36.7	52.4	13.5	54	3.2	*	13.3	74.5
30	40	*	56.5	108	52.4	36.7	52.4	13.5	54	3.2	*	13.3	79.9
32	41.3	*	58.3	108	52.4	36.7	52.4	13.5	54	3.2	*	13.3	81.6
33	44.5	*	61.5	111.1	52.4	36.7	52.4	13.5	54	3.2	*	13.3	84.8
35	44.5	*	61.5	111.1	52.4	36.7	52.4	13.5	54	3.2	*	13.3	84.8
38	49.2	51	68.1	123.8	54.8	37.8	54	15.1	55.5	4	0.8	13.3	91.4
40	52.4	54.2	71.4	127	54.8	37.8	54	15.1	55.5	4	0.8	14.3	95.7
43	55.1	56.9	74.1	133.4	54.8	37.8	54	15.1	55.5	4	0.8	14.3	98.4
45	55.1	56.9	74.1	133.4	54.8	37.8	54	15.1	55.5	4	0.8	14.3	98.4
48	58.7	60.5	74.1	133.4	54.8	37.8	54	15.1	55.5	4	0.8	14.3	98.4
50	61.9	63.7	76.6	139.7	60.3	40.7	58.7	27	60.3	4.7	1.6	14.3	101.6
53	65.1	66.9	85.3	148.8	60.3	40.7	58.7	15.1	60.3	4.7	1.6	17.4	113.5
55	66.7	75	85.3	148.8	60.3	40.7	58.7	15.1	60.3	4.7	1.6	17.4	113.5
58	68.2	70	88.5	165.1	60.3	40.7	58.7	15.1	60.3	4.7	1.6	17.4	116
60	71.4	73.2	91.7	165.1	63.1	43.6	62.6	15.9	64.2	3.6	0.5	17.4	119.9
63	77.8	*	98.8	171.5	63.1	43.6	65.1	15.9	66.7	3.2	*	17.4	127
65	77.8	*	98.8	171.5	63.1	43.6	65.1	15.9	66.7	3.2	*	17.4	127
68	84.1	*	103.2	171.5	63.5	41.3	63.5	15.9	65.1	3.2	*	17.4	131.3
70	84.1	*	103.2	171.5	63.5	41.3	63.5	15.9	65.1	3.2	*	17.4	131.3
75	92.1	*	113.5	196.9	63.5	45.4	65.1	17.4	66.7	3.2	*	20.6	145.3

*Not applicable. Completely outside mounted.





GB5620



GB-5620 Dimensions(Inch)										
D1	D3	D41Min	D41Max	L39	L90	L922	L912	D26	S	Dm
1.000	1.564	1.625	1.889	1.954	2.000	1.751	1.876	4.000	0.525	2.806
1.125	1.689	1.750	2.015	2.062	2.125	1.789	1.914	4.125	0.525	2.933
1.250	1.812	1.875	2.294	2.062	2.125	1.789	1.914	4.250	0.525	3.213
1.375	1.939	2.000	2.421	2.062	2.125	1.789	1.914	4.375	0.525	3.338
1.500	2.187	2.250	2.680	2.125	2.187	1.870	1.995	4.875	0.525	3.599
1.625	2.312	2.375	2.812	2.125	2.187	1.870	1.995	5.000	0.562	3.766
1.750	2.405	2.480	2.918	2.125	2.187	1.870	1.995	5.250	0.562	3.872
1.875	2.549	2.625	2.918	2.125	2.187	1.870	1.995	5.250	0.562	3.875
2.000	2.637	2.750	3.015	2.312	2.375	2.042	2.167	5.500	0.562	4.000
2.125	2.798	2.875	3.360	2.312	2.375	2.042	2.167	5.859	0.687	4.469
2.250	2.923	3.000	3.485	2.312	2.375	2.042	2.167	6.500	0.687	4.566
2.375	3.048	3.125	3.610	2.466	2.825	2.079	2.204	6.500	0.687	4.719
2.500	3.301	3.375	3.891	2.562	2.625	1.982	2.107	6.750	0.687	5.000
2.625	3.551	3.625	4.062	2.500	2.562	2.094	2.219	6.750	0.687	5.170
2.750	3.551	3.625	4.062	2.500	2.562	2.094	2.219	6.750	0.687	5.170
2.875	3.614	3.750	4.186	2.500	2.562	2.094	2.219	7.000	0.687	5.312
3.000	3.864	4.000	4.469	2.562	2.625	2.032	2.157	7.750	0.812	5.720
3.125	4.022	4.125	4.600	2.562	2.687	2.125	2.250	7.875	0.812	5.845
3.250	4.022	4.134	4.600	2.510	2.635	2.177	2.302	7.437	0.812	5.845
3.375	4.246	4.375	4.850	2.562	2.687	2.125	2.250	8.125	0.812	6.095
3.500	4.371	4.500	4.975	2.562	2.687	2.125	2.250	8.250	0.812	6.220
3.625	4.500	4.625	5.100	2.562	2.687	2.125	2.250	8.375	0.687	6.250
3.750	4.625	4.724	5.199	2.562	2.687	2.125	2.250	8.750	0.687	6.770
3.875	4.750	4.875	5.375	2.562	2.687	2.125	2.250	8.750	0.812	6.636
4.000	4.875	5.000	5.500	2.562	2.687	2.125	2.250	9.000	0.812	6.761
4.125	5.000	5.125	5.625	2.562	2.687	2.125	2.250	9.000	0.812	6.886
4.250	5.125	5.250	5.750	2.562	2.687	2.125	2.250	9.250	0.812	7.011
4.500	5.375	5.500	6.000	2.562	2.687	2.125	2.250	9.500	0.812	7.261
4.750	5.625	5.750	6.313	2.562	2.687	2.125	2.250	10.375	0.812	7.574
5.000	6.125	6.760	7.260	3.043	3.168	2.473	2.598	12.000	0.812	10.000
5.250	6.375	7.010	7.510	3.043	3.168	2.473	2.598	12.250	0.812	10.250
5.500	6.625	7.500	8.000	3.043	3.168	2.473	2.598	12.667	0.937	10.500

GB-5620 Dimensions(mm)										
D1	D3	D41Min	D41Max	L39	L90	L922	L912	D26	S	Dm
24.0	39.7	41.3	48.0	49.6	50.8	44.5	47.7	101.6	13.3	71.2
25.0	39.7	41.3	48.0	49.6	50.8	44.5	47.7	101.6	13.3	71.2
28.0	42.9	44.5	51.2	52.4	54.0	45.4	48.6	104.8	13.3	74.5
30.0	44.5	46.1	56.5	52.4	54.0	45.4	48.6	108.0	13.3	79.9
32.0	46.0	47.6	58.3	52.4	54.0	45.4	48.6	108.0	13.3	81.6
33.0	49.3	50.8	61.5	52.4	54.0	45.4	48.6	111.1	13.3	84.8
35.0	49.3	50.8	61.5	52.4	54.0	45.4	48.6	111.1	13.3	84.8
38.0	55.5	57.2	68.1	54.0	55.5	47.5	50.7	123.8	13.3	91.4
40.0	58.7	60.3	71.4	54.0	55.5	47.5	50.7	127.0	14.3	95.7
43.0	61.1	63.0	74.1	54.0	55.5	47.5	50.7	133.4	14.3	98.4
45.0	61.1	63.0	74.1	54.0	55.5	47.5	50.7	133.4	14.3	98.4
48.0	64.7	66.7	74.1	54.0	55.5	47.5	50.7	133.4	14.3	98.4
50.0	67.9	70.0	76.6	58.7	60.3	51.9	55.0	139.7	14.3	101.6
53.0	71.1	73.0	85.3	58.7	60.3	51.9	55.0	148.8	17.4	113.5
55.0	72.9	75.0	85.3	58.7	60.3	51.9	55.0	148.8	17.4	113.5
58.0	74.2	76.2	88.5	58.7	60.3	51.9	55.0	165.1	17.4	116.0
60.0	77.4	79.4	91.7	62.6	64.2	52.8	56.0	165.1	17.4	119.9
63.0	83.8	85.7	98.8	65.1	66.7	50.3	53.5	171.5	17.4	127.0
65.0	83.8	85.7	98.8	65.1	66.7	50.3	53.5	171.5	17.4	127.0
68.0	90.2	92.1	103.2	63.5	65.1	53.2	56.4	171.5	17.4	131.3
70.0	90.2	92.1	103.2	63.5	65.1	53.2	56.4	171.5	17.4	131.3
75.0	98.1	101.6	113.5	65.1	66.7	51.6	54.8	196.9	20.6	145.3
80.0	102.2	105.0	116.8	63.8	66.9	55.3	58.5	188.9	20.6	148.5
85.0	107.9	111.1	123.2	65.1	68.3	54.0	57.2	206.4	17.4	154.8
90.0	114.3	117.5	129.5	65.1	68.3	54.0	57.2	212.7	17.4	158.6
95.0	117.5	120.0	132.1	65.1	68.3	54.0	57.2	222.3	20.6	172.0
100.0	123.8	127.0	139.7	65.1	68.3	54.0	57.2	228.3	20.6	171.7
105.0	127.0	130.2	142.9	65.1	68.3	54.0	57.2	238.6	20.6	174.9
110.0	136.5	139.7	152.4	65.1	68.3	54.0	57.2	241.3	20.6	184.4
115.0	136.5	139.7	152.4	65.1	68.3	54.0	57.2	241.3	20.6	184.4
120.0	142.9	146.1	160.4	65.1	68.3	54.0	57.2	263.5	20.6	192.4
125.0	155.6	171.7	184.4	77.3	80.5	62.8	66.0	304.8	20.6	254.0
130.0	161.9	178.1	190.8	77.3	80.5	62.8	66.0	311.2	20.6	260.4
135.0	168.3	190.5	203.2	77.3	80.5	62.8	66.0	322.3	23.8	266.7
140.0	168.3	190.5	203.2	77.3	80.5	62.8	66.0	322.3	23.8	266.7

技术参数

压力 ≤2.1MPa
速度 ≤25m/sec
温度 -30℃~+205℃

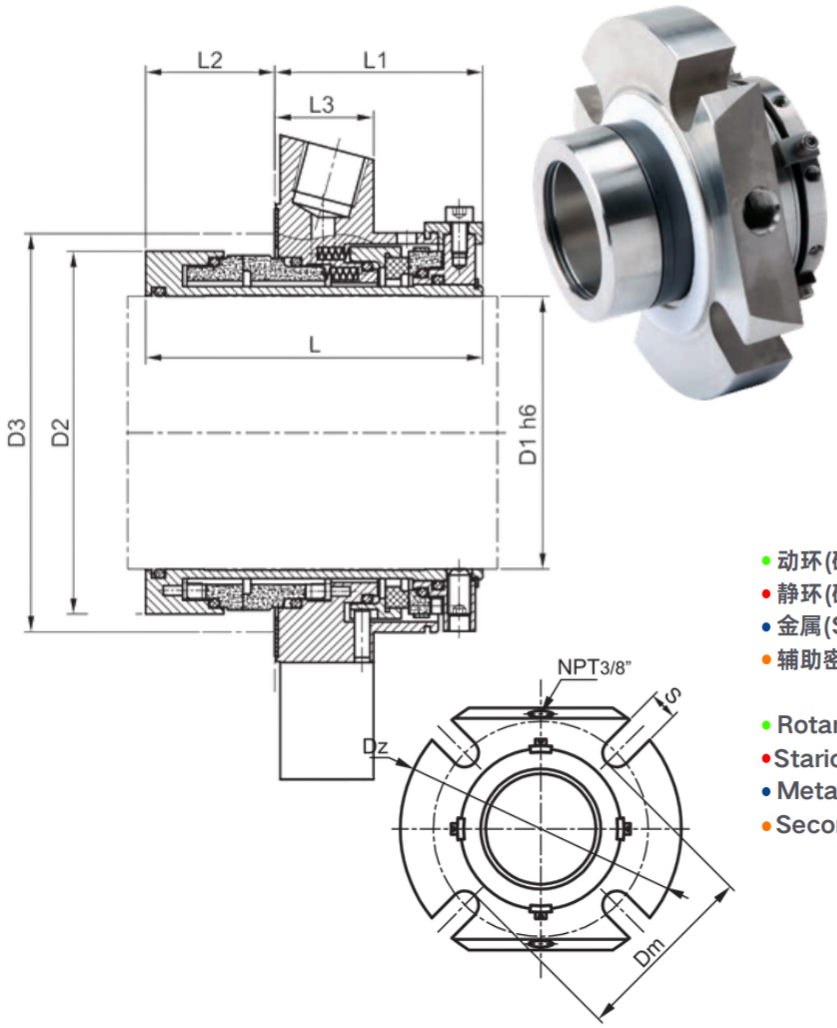
Operating Limits

Pressure: ≤2.1MPa
Speed: 25m/sec
Temperature: -30℃~+205℃

- 动环(碳化硅/石墨/碳化钨)
- 静环(碳化硅/石墨/碳化钨)
- 金属(SUS304/SUS316/哈氏C)
- 辅助密封 (丁青胶/氟橡胶/全氟橡胶)

- Rotary Ring: (CA/SIC/TC)
- Staric Ring: (SIC/CA/TC)
- Metal Bellows(SUS304SUS316/Hastelloy-C)
- Secondary Seal (NBR/VITON/Kalrez)

Cartex-DN



技术参数

压力 ≤2.1MPa
速度 ≤23m/sec
温度 -50℃~+205℃

Operating Limits

Pressure: ≤2.1MPa
Speed: 23m/sec
Temperature: -50℃~+205℃

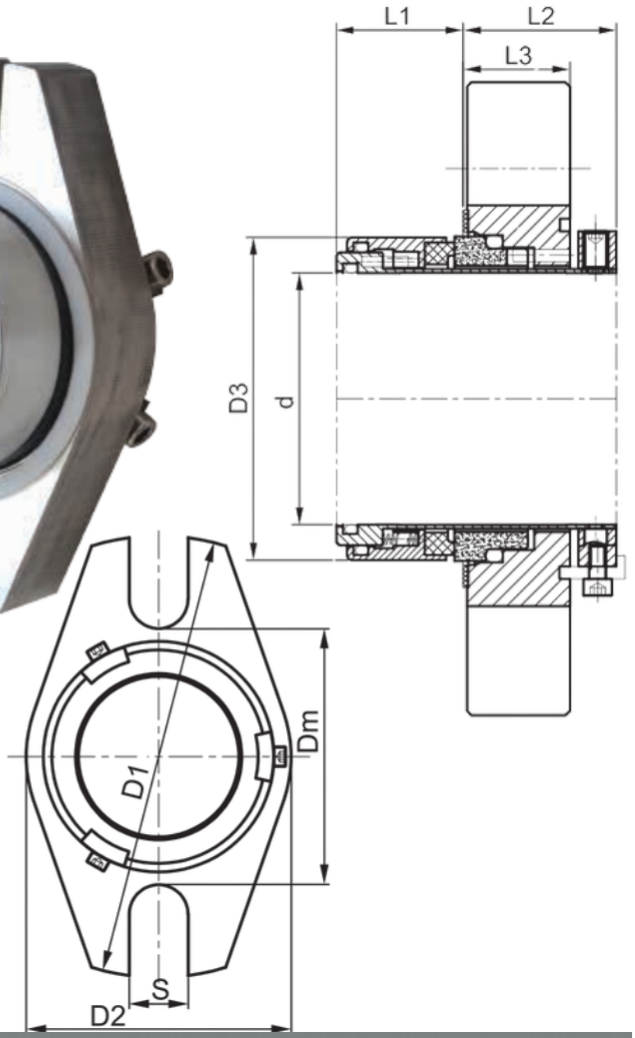
- 动环(碳化硅/石墨/碳化钨)
- 静环(碳化硅/石墨/碳化钨)
- 金属(SUS304/SUS316/哈氏C)
- 辅助密封 (丁青胶/氟橡胶/全氟橡胶)

- Rotary Ring: (CA/SIC/TC)
- Staric Ring: (SIC/CA/TC)
- Metal Bellows(SUS304SUS316/Hastelloy-C)
- Secondary Seal (NBR/VITON/Kalrez)

Size	D1	D2	D3min	D3max	L	L1	L2	L3	Dm	Dz.	S
25	25	43.0	44.0	51.5	86.5	53.4	33.1	25.4	62	105	13.2
28	28	46.0	47.0	52.0	86.5	53.4	33.1	25.4	62	105	13.2
30	30	48.0	49.0	56.0	86.5	53.4	33.1	25.4	65	105	13.2
32	32	49.8	51.0	57.0	86.5	53.4	33.1	25.4	67	108	13.2
33	33	49.8	51.0	57.0	86.5	53.4	33.1	25.4	67	108	13.2
35	35	53.0	54.0	61.5	86.5	53.4	33.1	25.4	70	113	13.2
38	38	56.0	57.0	66.0	86.5	53.4	33.1	25.4	75	123	13.2
40	40	58.0	59.0	68.0	86.5	53.4	33.1	25.4	75	123	14.2
42	42	60.5	61.5	69.5	86.5	53.4	33.1	25.4	80	133	14.2
43	43	60.5	61.5	70.5	86.5	53.4	33.1	25.4	80	133	14.2
45	45	62.5	64.0	73.0	86.5	53.4	33.1	25.4	81	138	14.2
48	48	65.6	67.0	75.0	86.5	53.4	33.1	25.4	84	138	14.2
50	50	68.0	69.0	78.0	86.5	53.4	33.1	25.4	87	148	14.2
53	53	72.0	73.0	87.0	86.5	53.4	33.1	25.4	97	148	18.0
55	55	73.0	74.0	88.0	86.5	53.4	33.1	25.4	90	148	18.0
60	60	78.0	79.0	91.0	86.5	53.4	33.1	25.4	102	157	18.0
65	65	84.8	85.7	98.5	86.5	53.4	33.1	25.4	109	163	18.0
70	70	93.0	95.0	108.0	86.5	53.4	33.1	25.4	118	178	18.0
75	75	100.0	101.6	118.0	108.0	63.9	44.1	28.0	129	190	18.0
80	80	106.4	108.0	124.0	108.0	63.9	44.1	28.0	135	195	18.0
85	85	109.5	111.1	128.0	108.0	63.9	44.1	28.0	139	198	22.0
90	90	115.9	117.5	135.0	108.0	63.9	44.1	28.0	145	205	22.0
95	95	119.1	120.7	138.0	108.0	63.9	44.1	28.0	148	208	22.0
100	100	125.4	127.0	144.0	108.0	63.9	44.1	28.0	154	218	22.0

Convertor 2





技术参数

压力 ≤2.5MPa
速度 ≤15m/sec
温度 -20℃~+220℃

Operating Limits

Pressure: ≤2.5MPa
Speed: 15m/sec
Temperature: -20℃~+220℃

- 动环(碳化硅/石墨/碳化钨)
- 静环(碳化硅/石墨/碳化钨)
- 金属(SUS304/SUS316/哈氏C)
- 辅助密封 (丁青胶/氟橡胶/全氟橡胶)

- Rotary Ring: (CA/SIC/TC)
- Staric Ring: (SIC/CA/TC)
- Metal Bellows(SUS304SUS316/Hastelloy-C)
- Secondary Seal (NBR/VITON/Kalrez)

GB-Convertor Ⅱ Dimensions(Inches)

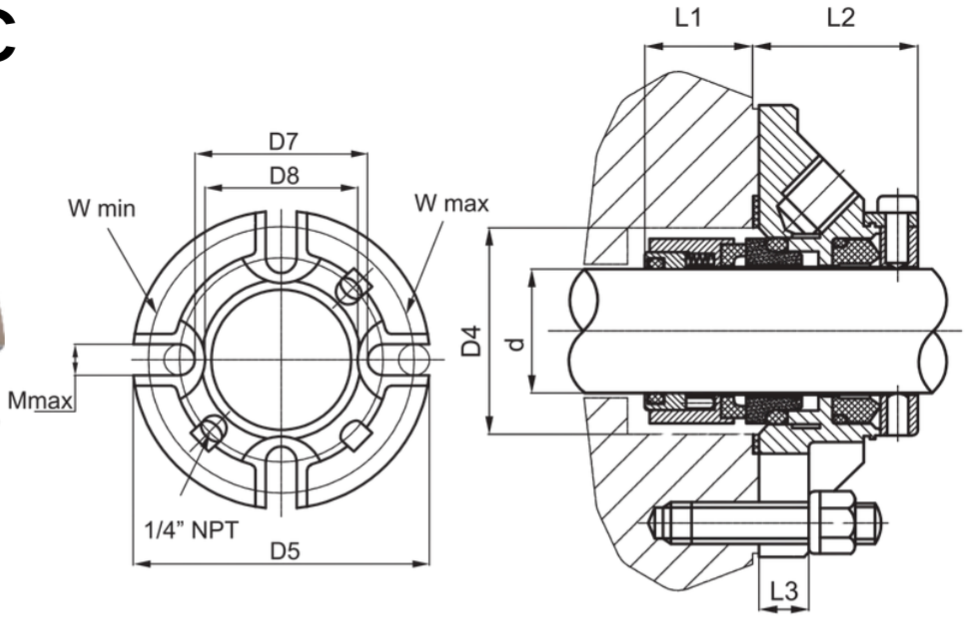
d	D1	Dm	L3	D2	D3 Min	D3 Max	S	L1	L2
1.000	4.000	2.187	0.812	2.208	1.625	1.875	0.500	1.125	1.250
1.125	4.125	2.312	0.812	2.333	1.750	2.000	0.500	1.125	1.250
1.250	4.250	2.437	0.812	2.458	1.875	2.215	0.500	1.125	1.250
1.375	4.250	2.625	0.812	2.645	2.000	2.250	0.500	1.125	1.250
1.500	4.500	2.812	0.875	2.833	2.250	2.500	0.500	1.125	1.312
1.625	4.750	2.937	0.875	2.958	2.375	2.625	0.500	1.125	1.312
1.750	5.000	3.062	0.937	3.083	2.500	2.750	0.500	1.187	1.375
1.875	5.250	3.187	0.937	3.207	2.625	2.875	0.500	1.187	1.375
2.000	5.500	3.312	1.000	3.333	2.750	3.000	0.625	1.187	1.437
2.125	5.750	3.437	1.000	3.458	2.875	3.125	0.625	1.187	1.437
2.250	6.500	3.750	1.000	3.895	3.000	3.375	0.750	1.187	1.437
2.375	6.500	3.750	1.000	3.895	3.125	3.375	0.750	1.187	1.437
2.500	7.000	4.375	1.000	4.770	3.375	4.000	0.750	1.125	1.625
2.625	7.000	4.375	1.000	4.770	3.500	4.000	0.750	1.125	1.625
2.750	7.000	4.375	1.000	4.770	3.625	4.000	0.750	1.125	1.625
2.875	7.500	4.937	1.250	5.145	3.750	4.500	0.750	1.187	2.000
3.000	7.500	4.937	1.250	5.145	3.875	4.500	0.750	1.187	2.000
3.125	7.500	4.937	1.250	5.145	4.000	4.500	0.750	1.187	2.000
3.250	8.000	5.312	1.250	5.520	4.125	4.875	0.750	1.187	2.000
3.375	8.000	5.312	1.250	5.520	4.250	4.875	0.750	1.187	2.000
3.500	8.000	5.312	1.250	5.520	4.375	4.875	0.750	1.187	2.000
3.625	8.500	5.687	1.250	5.895	4.500	5.250	0.750	1.187	2.000
3.750	8.500	5.687	1.250	5.895	4.625	5.250	0.750	1.187	2.000
3.875	8.500	5.687	1.250	5.895	4.750	5.250	0.750	1.187	2.000
4.000	9.000	6.062	1.250	6.145	4.875	5.500	0.750	1.187	2.000

GB-Convertor Ⅱ Dimensions(mm)

d	D1	Dm	L3	D2	D3 Min	D3 Max	S	L1	L2
24	101.6	55.6	20.7	56.1	40.0	48.0	12.0	28.6	31.8
25	101.6	55.6	20.7	56.1	41.0	48.0	12.0	28.6	31.8
28	104.8	58.8	20.7	59.3	44.0	50.0	12.0	28.6	31.8
30	108.0	61.9	20.7	62.4	46.0	54.0	12.0	28.6	31.8
32	108.0	61.9	20.7	62.4	48.0	54.0	12.0	28.6	31.8
33	108.0	61.9	20.7	62.4	49.0	55.0	12.0	28.6	31.8
35	108.0	66.7	20.7	67.2	51.0	59.0	12.0	28.6	31.8
38	114.3	71.5	22.3	72.0	57.2	62.0	12.0	28.6	33.4
40	114.3	71.5	22.3	72.0	58.0	64.0	12.0	28.6	33.4
43	120.7	74.6	22.3	75.1	61.0	67.0	12.0	28.6	33.4
45	127.0	77.8	23.8	78.3	63.5	69.0	12.0	30.2	35.0
48	133.4	81.0	23.8	81.5	66.7	72.0	12.0	30.2	35.0
50	133.4	81.0	23.8	81.5	68.0	74.0	12.0	30.2	35.0
53	139.7	84.2	25.4	84.7	71.0	77.0	16.0	30.2	36.5
55	146.1	87.3	25.4	87.8	74.0	79.0	16.0	30.2	36.5
58	165.1	95.3	25.4	98.9	79.4	85.7	20.0	30.2	36.5
60	165.1	95.3	25.4	98.9	79.4	85.7	20.0	30.2	36.5
63	177.8	111.2	25.4	121.2	85.8	101.6	20.0	28.6	41.2
65	177.8	111.2	25.4	121.2	88.9	101.6	20.0	28.6	41.2
68	177.8	111.2	25.4	121.2	92.1	101.6	20.0	28.6	41.2
70	177.8	111.2	25.4	121.2	92.1	101.6	20.0	28.6	41.2
75	190.5	125.4	31.7	130.7	98.5	114.3	20.0	30.2	50.8
80	190.5	125.4	31.7	130.7	101.6	114.3	20.0	30.2	50.8
85	203.2	135.0	31.7	140.2	108.0	123.8	20.0	30.2	50.8
90	215.9	144.5	31.7	149.7	114.3	133.3	20.0	30.2	50.8
95	215.9	144.5	31.7	149.7	117.5	133.3	20.0	30.2	50.8
100	228.5	154.0	31.7	156.1	123.9	139.7	20.0	30.2	50.8

GBCURC





- 动环(碳化硅/石墨/碳化钨)
- 静环(碳化硅/石墨/碳化钨)
- 金属(SUS304/SUS316/哈氏C)
- 辅助密封 (丁青胶/氟橡胶/全氟橡胶)

- Rotary Ring: (CA/SIC/TC)
- Staric Ring: (SIC/CA/TC)
- Metal Bellows(SUS304/SUS316/Hastelloy-C)
- Secondary Seal (NBR/VITON/Kalrez)

技术参数

压力 ≤2.5MPa
速度 ≤15m/sec
温度 -20℃~+220℃

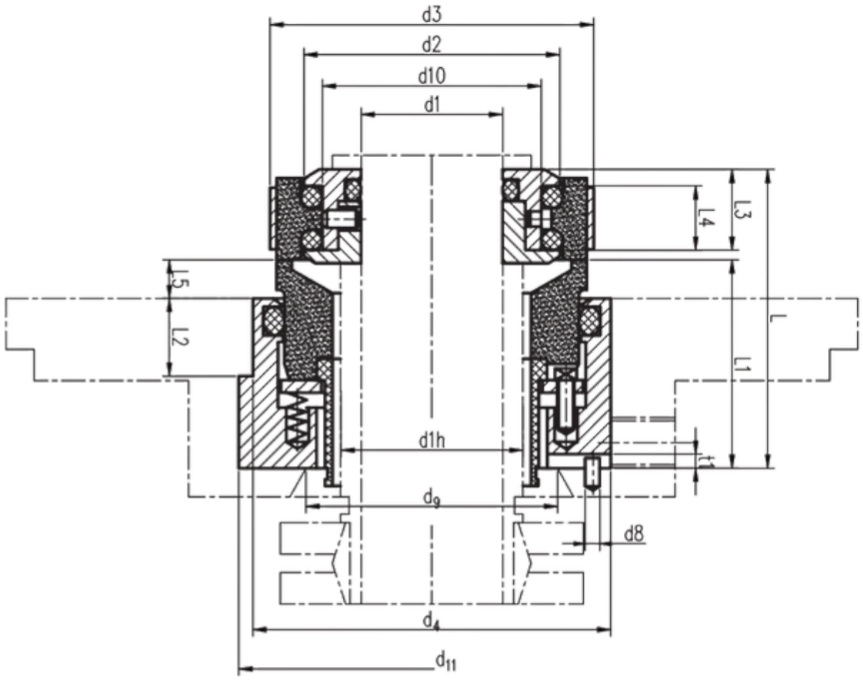
Operating Limits

Pressure: ≤2.5MPa
Speed: 15m/sec
Temperature: -20℃~+220℃

Size	d	D5	D7	D8	L3	D4(min)	D4(max)	W(min)	W(max)	M	L1	L2
24	24	104.8	54.0	49.2	13.2	40.0	46.0	67.0	90.5	12	28.6	40.5
25	25	104.8	54.0	49.2	13.2	41.0	49.0	67.0	90.5	12	28.6	40.5
28	28	108.0	57.2	52.4	13.2	44.0	52.3	70.3	93.6	12	28.6	40.5
30	30	111.0	60.4	55.6	13.2	46.0	55.5	73.5	96.8	12	28.6	40.5
32	32	111.0	60.4	55.6	13.2	48.0	55.5	73.5	96.8	12	28.6	40.5
33	33	111.0	60.4	55.6	13.2	49.0	55.5	73.5	96.8	12	28.6	40.5
35	35	111.0	63.5	58.8	13.2	51.0	57.5	76.6	96.8	12	28.6	40.5
38	38	127.0	71.5	65.0	16.4	57.2	60.4	85.7	114.3	12	28.6	44.5
40	40	127.0	71.5	65.0	16.4	58.0	60.4	85.7	114.3	12	28.6	44.5
43	43	139.7	81.0	71.4	16.4	61.0	69.9	95.3	127.0	12	28.6	44.5
45	45	139.7	81.0	71.4	16.4	63.5	69.9	95.3	127.0	12	28.6	44.5
48	48	139.7	81.0	71.4	16.4	66.7	73.0	95.3	127.0	12	28.6	44.5
50	50	152.4	90.5	77.8	16.4	68.0	76.2	104.8	139.7	12	28.6	44.5
53	53	152.4	90.5	77.8	16.4	71.0	76.2	104.8	139.7	12	28.6	44.5
55	55	165.1	96.8	84.1	16.4	74.0	82.5	114.3	149.2	16	28.6	44.5
58	58	165.1	96.8	84.1	16.4	76.2	82.6	114.3	149.2	16	28.6	44.5
60	60	165.1	96.8	84.1	16.4	79.4	85.7	114.3	149.2	16	28.6	44.5
63	63	177.8	109.5	96.8	19.6	85.8	92.1	127.0	160.3	16	31.8	47.7
65	65	177.8	109.5	96.8	19.6	88.9	95.3	127.0	160.3	16	31.8	47.7
68	68	177.8	109.5	96.8	19.6	92.1	98.4	127.0	160.3	16	31.8	47.7
70	70	177.8	109.5	96.8	19.6	92.1	98.4	127.0	160.3	16	31.8	47.7
75	75	190.5	125.4	108.0	19.6	98.5	108.0	142.9	173.0	16	31.8	47.7
80	80	190.5	125.4	108.0	19.6	101.6	111.1	142.9	173.0	16	31.8	47.7
85	85	203.2	135.0	117.5	19.6	108.0	117.5	155.6	182.5	20	31.8	47.7
90	90	215.9	150.8	127.0	19.6	114.3	127.0	171.5	195.2	20	31.8	47.7
95	95	215.9	150.8	127.0	19.6	117.5	130.2	171.5	195.2	20	31.8	47.7
100	100	228.6	168.3	136.5	19.6	123.9	139.7	188.9	207.9	20	31.8	47.7
105	105	228.6	168.3	136.5	19.6	130.1	149.2	189.0	208.0	20	31.8	47.7
110	110	241.3	177.8	146.1	19.6	136.5	158.8	198.4	220.6	20	31.8	47.7
115	115	254.0	186.6	155.6	19.6	142.9	168.3	211.1	230.2	22	31.8	47.7
120	120	254.0	186.6	155.6	19.6	142.9	168.3	211.1	230.2	22	31.8	47.7
125	125	254.0	186.6	155.6	19.6	142.9	168.3	211.1	230.2	22	31.8	47.7

GBHR





- 动环(碳化硅/石墨/碳化钨)
- 静环(碳化硅/石墨/碳化钨)
- 金属(SUS304/SUS316/哈氏C)
- 辅助密封 (丁青胶/氟橡胶/全氟橡胶)

- Rotary Ring: (CA/SIC/TC)
- Staric Ring: (SIC/CA/TC)
- Metal Bellows(SUS304/SUS316/Hastelloy-C)
- Secondary Seal (NBR/VITON/Kalrez)

技术参数

压力 ≤1.6MPa
速度 ≤10m/sec
温度 -20℃~+160℃

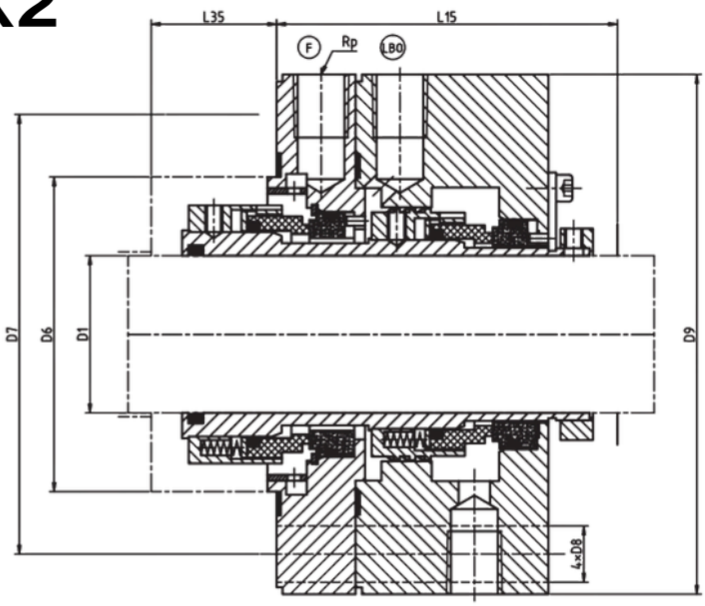
Operating Limits

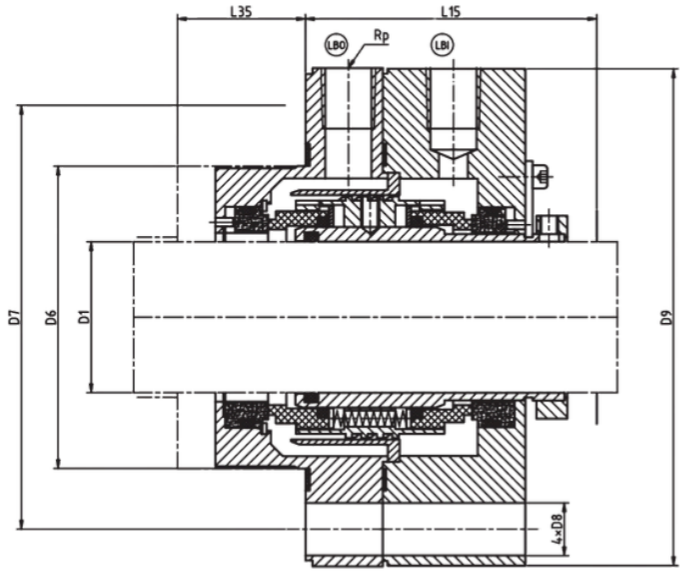
Pressure: ≤1.6MPa
Speed: ≤10m/sec
Temperature: -20℃~+160℃

Size	d1	d1h	dn	d2	d3	d4	d5	d6	d7	d8	d9	d10	d11+0.2min	L	L1	L2	L3	L4	L5	L6	L7	L9	k2	t	t1
20	20	28	36	47.1	65	70	46	56.0	63.0	4	40	38	75	75	53	20	19.5	17	10.5	6	9	8.0	51.0	4.5	3
25	25	33	41	52.1	70	75	51	62.0	70.0	4	45	43	80	75	53	20	19.5	17	10.5	6	9	9.5	56.5	4.5	3
28	28	38	46	57.1	75	80	56	67.0	75.0	4	50	48	85	75	53	20	19.5	17	10.5	6	9	9.5	61.5	4.5	3
33	33	43	51	62.1	80	85	61	72.0	80.0	4	55	53	90	75	53	20	19.5	17	10.5	6	9	10.5	66.5	4.5	3
38	38	48	56	67.1	85	90	66	77.0	85.0	4	60	58	95	75	53	20	19.5	17	10.5	6	9	10.5	71.5	4.5	3
43	43	53	61	72.1	90	95	69	81.0	90.0	4	65	63	100	75	53	20	19.5	17	10.5	7	9	11.0	75.0	4.5	3
48	48	58	66	77.1	95	100	76	88.0	97.0	4	70	68	105	75	53	20	19.5	17	10.5	7	9	11.5	82.0	4.5	3
53	53	63	71	82.1	101	105	81	95.0	105.0	4	75	73	110	75	53	20	19.5	17	10.5	7	9	11.5	88.0	4.5	3
55	55	65	75	87.1	106	110	86	100.0	110.0	4	79	78	115	75	53	20	19.5	17	10.5	7	9	11.5	93.0	4.5	3
60	60	70	80	92.1	111	115	91	105.0	115.0	4	84	83	120	75	53	20	19.5	17	10.5	7	9	13.0	98.0	4.5	3
65	65	75	85	97.1	116	120	96	110.0	120.0	4	89	88	125	75	53	20	19.5	17	10.5	7	9	13.0	103.0	4.5	3
70	70	80	90	102.1	121	125	101	115.0	125.0	4	94	93	130	75	53	20	19.5	17	10.5	7	9	13.0	108.0	4.5	3
75	75	85	95	107.1	126	130	107	122.2	134.3	5	99	98	135	75	53	20	19.5	17	10.5	10	12	20.0	114.5	7	3
80	80	90	100	112.1	131	135	107	122.2	134.3	5	104	103	140	75	53	20	19.5	17	10.5	10	12	20.0	114.5	7.0	3
90	90	100	110	126.1	147	155	117	136.2	148.3	5	116	117	163	98	73	30	22.0	19	16.0	10	12	20.0	126.5	7.0	4
100	100	110	120	136.1	157	165	132	146.2	158.3	5	126	127	173	98	73	30	22.0	19	16.0	10	12	20.0	139.0	7	4
110	110	120	130	145.1	167	175	142	156.2	168.3	5	136	136	183	98	73	30	22.0	19	16.0	10	12	20.0	149.0	7.0	4
120	120	130	140	154.1	177	185	152	168.2	180.3	5	146	145	193	98	73	30	22.0	19	16.0	10	12	22.0	160.0	7.0	4
130	130	140	150	163.9	188	195	162	178.2	190.3	5	156	155	203	98	73	30	22.0	19	16.0	12	12	24.0	170.0	7	4
140	140	150	160	174.9	189	205	172	188.2	200.3	5	166	166	213	98	73	30	22.0	19	16.0	12	12	24.0	180.0	7.0	4
160	160	170	180	193.9	220	230	187	212.5	224.3	5	186	185	238	98	73	30	22.0	19	16.0	12	12	28.0	199.5	7.0	4
180	180	190	200	213.9	240	255	-	-	-	-	206	205	265	98	73	30	22.0	19	16.0	-	-	-	-	-	4
190	190	200	210	231.9	255	270	-	-	-	-	218	220	280	115	83	40	28.35	24.7	19.0	-	-	-	-	-	5
200	200	210	220	241.9	265	280	-	-	-	-	228	230	290	115	83	40	28.35	24.7	19.0	-	-	-	-	-	5
210	210	220	230	251.9	275	290	-	-	-	-	238	240	300	115	83	40	28.4	24.7	19.0	-	-	-	-	-	5
220	220	230	240	261.8	285	300	-	-	-	-	248	250	310	115	83	40	28.35	24.7	19.0	-	-	-	-	-	5
230	230	240	250	271.9	295	310	-	-	-	-	258	260	320	115	83	40	28.35	24.7	19.0	-	-	-	-	-	5
250	250	260	270	291.9	315	330	-	-	-	-	278	280	340	115	83	40	28.4	24.7	19.0	-	-	-	-	-	5

GBH75VK/H75VK2







技术参数

压力 ≤2.5MPa
速度 ≤15m/sec
温度 -20℃~+220℃

Operating Limits

Pressure: ≤2.5MPa
Speed: 15m/sec
Temperature: -20℃~+220℃

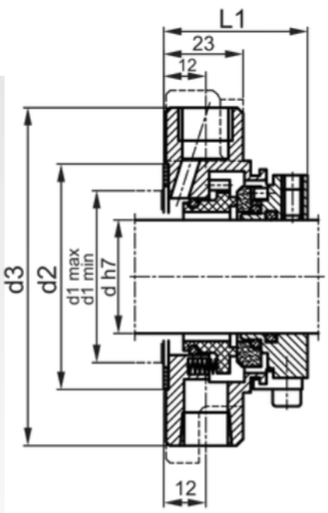
- 动环(碳化硅/石墨/碳化钨)
- 静环(碳化硅/石墨/碳化钨)
- 金属(SUS304/SUS316/哈氏C)
- 辅助密封 (丁青胶/氟橡胶/全氟橡胶)

- Rotary Ring: (CA/SIC/TC)
- Staric Ring: (SIC/CA/TC)
- Metal Bellows(SUS304SUS316/Hastelloy-C)
- Secondary Seal (NBR/VITON/Kalrez)

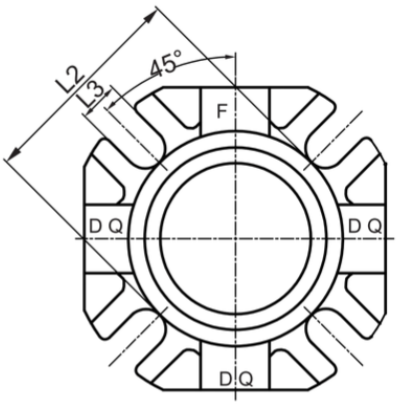
D1(max)	L15	L35	D6	D7	D8	D9	Rp
20	100	50	70	105	14	134	1/2″
30	100	55	80	115	14	144	1/2″
40	100	60	90	125	14	154	1/2″
50	110	55	100	140	18	173	1/2″
60	110	60	120	160	18	193	1/2″
70	110	65	130	170	18	203	3/4″
80	110	70	140	180	18	213	3/4″
90	120	65	160	205	22	242	3/4″
100	120	70	170	215	22	252	3/4″
110	120	75	180	225	22	262	3/4″

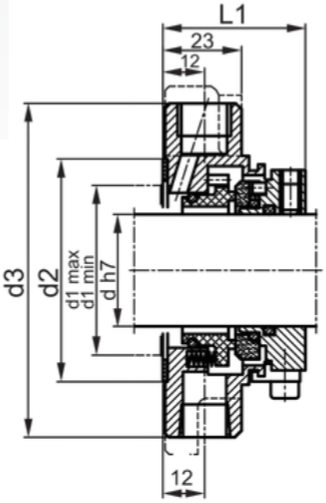
GBMA290/MA390



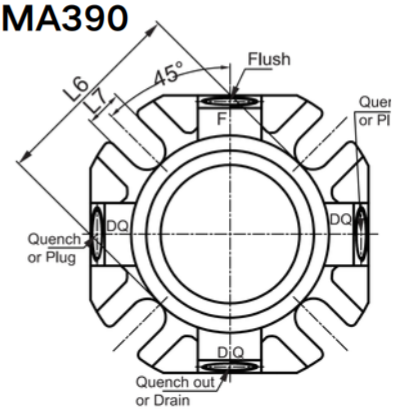


GBMA290





GBMA390



技术参数

压力 ≤2.5MPa
速度 ≤15m/sec
温度 -20℃~+220℃

Operating Limits

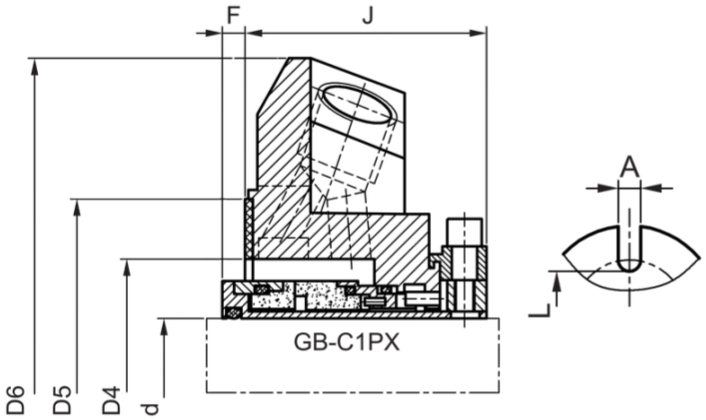
Pressure: ≤2.5MPa
Speed: 15m/sec
Temperature: -20℃~+220℃

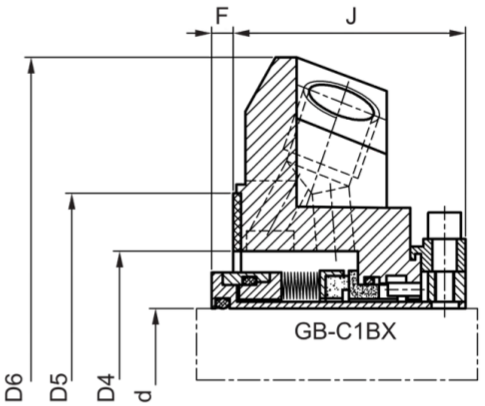
- 动环(碳化硅/石墨/碳化钨)
- 静环(碳化硅/石墨/碳化钨)
- 金属(SUS304/SUS316/哈氏C)
- 辅助密封 (丁青胶/氟橡胶/全氟橡胶)

- Rotary Ring: (CA/SIC/TC)
- Staric Ring: (SIC/CA/TC)
- Metal Bellows(SUS304/SUS316 Hastelloy-C)
- Secondary Seal (NBR/VITON/Kalrez)

Size	d	d1min	d1max	d2	d3	L1	L2	L3
20	20	30	51	58	104	42	60	12
24	24	34	51	58	104	42	60	12
25	25	35	51	58	104	42	60	12
28	28	38	54	63	108	42	65	12
30	30	40	56	63	108	42	65	12
32	32	42	56	63	108	42	65	12
33	33	43	66	73	118	42	75	14
35	35	45	66	73	118	42	75	14
38	38	48	66	73	118	42	75	14
40	40	50	66	73	118	42	75	14
43	43	53	71	78	128	42	80	14
45	45	55	71	78	128	42	80	14
48	48	58	81	88	138	44	90	14
50	50	60	81	88	138	44	90	14
53	53	63	81	88	138	44	90	14
55	55	65	81	88	138	44	90	14
58	58	68	96	103	164	46	105	18
60	60	70	96	103	164	46	105	18
63	63	73	96	103	164	46	105	18
65	65	75	96	103	164	46	105	18
70	70	80	102	109	178	46	111	18
75	75	85	114	121	193	49	123	18
80	80	90	114	121	193	49	123	18
85	85	95	124	131	208	49	133	20
90	90	100	124	131	208	49	133	20
95	95	105	134	141	218	49	143	20
100	100	110	134	141	218	49	143	20

GBC1PX/C1BX







GB-C1PX Size/Inch	d	D4		D5	D6	F	J	L
		MIN	MAX					
1.000	1.000	1.625	1.875	2.115	3.69-3.75	0.212	1.913	2.750
1.125	1.125	1.750	2.000	2.240	3.69-3.75	0.212	1.193	2.875
1.250	1.250	1.890	2.245	2.495	4.19-4.25	0.212	1.913	3.125
1.375	1.375	2.000	2.375	2.615	3.94-4.00	0.212	1.913	3.250
1.437	1.437	2.250	2.688	2.775	4.72--4.78	0.222	1.973	3.750
1.500	1.500	2.250	2.525	2.775	4.69-4.75	0.202	1.973	3.750
1.625	1.625	2.375	2.780	3.030	4.69-4.76	0.202	1.973	3.750
1.750	1.750	2.500	2.875	3.150	4.94-5.00	0.202	1.973	3.875
1.875	1.875	2.625	2.875	3.150	4.94-5.01	0.202	1.973	3.875
1.937	1.937	2.690	2.920	TBD	TBD	0.207	1.973	TBD
2.000	2.000	2.750	3.030	3.280	5.00-5.12	0.202	1.973	4.120
2.125	2.125	2.875	3.125	3.430	5.94-6.00	0.202	1.973	4.250
2.250	2.250	3.000	3.280	TBD	TBD	0.206	1.973	TBD
2.375	2.375	3.125	3.678	3.975	6.32-6.38	0.202	1.973	4.875
2.437	2.437	3.375	3.450	TBD	6.32-6.38	0.233	1.942	4.875
2.500	2.500	3.375	3.687	3.975	6.32-6.38	0.202	1.973	4.875
2.625	2.625	3.625	4.312	4.615	7.19-7.25	0.204	2.726	5.625
2.750	2.750	3.750	4.312	4.615	7.19-7.25	0.204	2.726	5.625

GB-C1BX Size/Metric	d	D4		D5	D6	F	J	L
		MIN	MAX					
25	25	41.28	47.50	53.72	93.73-95.25	5.38	48.59	69.85
30	30	48.01	57.02	63.37	106.4-108.0	5.38	48.59	79.38
33	33	50.08	60.33	66.42	109.7-111.3	5.38	48.59	82.55
35	35	50.08	60.33	66.42	109.7-111.3	5.38	48.59	82.55
38	38	51.15	64.14	70.49	119.1-120.7	5.38	50.11	95.25
40	40	60.33	70.61	76.96	119.1-120.7	5.13	50.11	95.25
43	43	63.50	73.03	80.01	125.5-127.0	5.13	50.11	98.43
45	45	66.68	73.03	80.01	125.5-127.0	5.13	50.11	98.43
48	48	67.06	73.41	80.52	136.4-137.9	5.13	50.11	97.99
50	50	69.85	76.96	83.31	127.0-130.3	5.13	50.11	104.65
53	53	73.03	79.38	122.17	150.9-152.4	5.13	50.11	112.78
55	55	79.38	93.65	100.97	160.5-162.1	5.13	50.11	123.83
60	60	79.38	94.62	100.97	160.5-162.1	5.13	50.11	123.83
65	65	89.92	98.81	105.16	179.5-181.0	1.93	53.42	127.00
70	70	95.25	109.52	117.22	182.6-184.2	5.18	69.24	142.88

技术参数

压力 ≤2.5MPa
速度 ≤16m/sec
温度 -20℃~+220℃

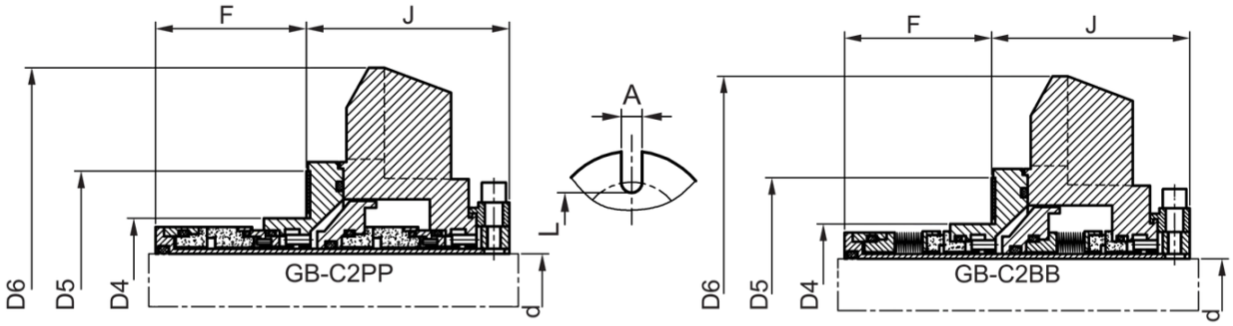
Operating Limits

Pressure: ≤2.5MPa
Speed: 16m/sec
Temperature: -20℃~+220℃

- 动环(碳化硅/石墨/碳化钨)
- 静环(碳化硅/石墨/碳化钨)
- 金属(SUS304/SUS316/哈氏C)
- 辅助密封 (丁青胶/氟橡胶/全氟橡胶)

- Rotary Ring: (CA/SIC/TC)
- Staric Ring: (SIC/CA/TC)
- Metal Bellows(SUS304SUS316/Hastelloy-C)
- Secondary Seal (NBR/VITON/Kalrez)

GBC2PP/C2BB





GB-C2PP Size/Inch	d	D4		D5	D6	F	J	L
		MIN	MAX					
1.000	1.000	1.625	1.875	2.115	3.69-3.75	1.838	2.062	2.750
1.125	1.125	1.750	2.000	2.240	3.69-3.75	1.838	2.062	2.875
1.250	1.250	1.890	2.245	2.295	4.19-4.25	1.838	2.062	3.125
1.375	1.375	2.000	2.375	2.615	3.94-4.00	1.838	2.062	3.250
1.437	1.437	2.250	2.688	2.775	4.72--4.78	1.903	2.122	3.750
1.500	1.500	2.250	2.525	2.775	4.69-4.75	1.903	2.122	3.750
1.625	1.625	2.375	2.780	3.030	4.69-4.76	1.903	2.122	3.750
1.750	1.750	2.500	2.875	3.150	4.94-5.00	1.903	2.122	3.875
1.875	1.875	2.625	2.875	3.150	4.94-5.01	1.903	2.122	3.875
1.937	1.937	2.690	2.920	TBD	TBD	1.903	2.122	TBD
2.000	2.000	2.750	3.030	3.280	5.00-5.12	1.903	2.122	4.120
2.125	2.125	2.875	3.125	3.430	5.94-6.00	1.903	2.122	4.250
2.250	2.250	3.000	3.280	TBD	TBD	1.903	2.122	TBD
2.375	2.375	3.125	3.678	3.975	6.32-6.38	1.903	2.122	4.875
2.437	2.437	3.375	3.450	TBD	6.32-6.38	1.934	2.091	4.875
2.500	2.500	3.375	3.687	3.975	6.32-6.38	1.903	2.122	4.875
2.625	2.625	3.625	4.312	4.615	7.19-7.25	2.429	2.906	5.625
2.750	2.750	3.750	4.312	4.615	7.19-7.25	2.429	2.906	5.625

GB-C2BB Size/Metric	d	D4		D5	D6	F	J	L
		MIN	MAX					
25	25	41.28	47.50	53.72	93.73-95.25	46.69	48.26	69.85
30	30	48.01	57.02	63.37	106.4-108.0	46.69	48.26	79.38
33	33	50.08	60.33	66.42	109.7-111.3	46.69	48.26	82.55
35	35	50.08	60.33	66.42	109.7-111.3	46.69	48.26	82.55
38	38	51.15	64.14	70.49	119.1-120.7	48.34	48.26	95.25
40	40	60.33	70.61	76.96	119.1-120.7	48.34	49.91	95.25
43	43	63.50	73.03	80.01	125.5-127.0	48.34	49.91	98.43
45	45	66.68	73.03	80.01	125.5-127.0	48.34	49.91	98.43
48	48	67.06	73.41	80.52	136.4-137.9	48.34	49.91	97.99
50	50	69.85	76.96	83.31	127.0-130.3	48.34	49.91	104.65
53	53	73.03	79.38	122.17	150.9-152.4	48.34	49.91	112.78
55	55	79.38	93.65	100.97	160.5-162.1	48.34	49.91	123.83
60	60	79.38	94.62	100.97	160.5-162.1	48.34	49.91	123.83
65	65	89.92	98.81	105.16	179.5-181.0	45.06	46.63	127.00
70	70	95.25	109.52	117.22	182.6-184.2	61.70	63.27	142.88

技术参数

压力 ≤2.5MPa
速度 ≤16m/sec
温度 -20℃~+220℃

Operating Limits

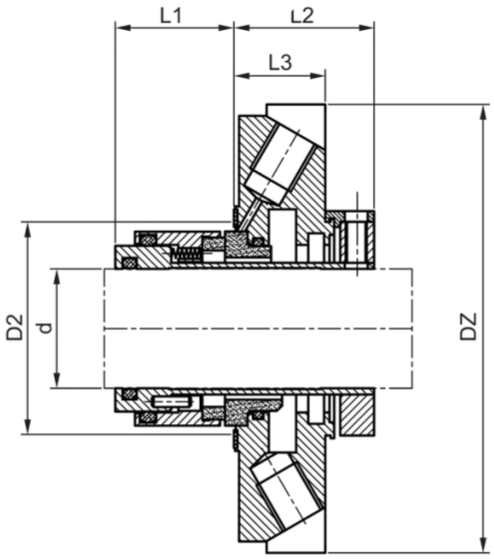
Pressure: ≤2.5MPa
Speed: 16m/sec
Temperature: -20℃~+220℃

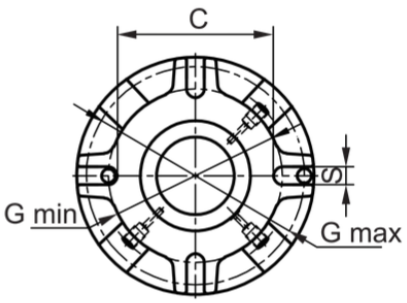
- 动环(碳化硅/石墨/碳化钨)
- 静环(碳化硅/石墨/碳化钨)
- 金属(SUS304/SUS316/哈氏C)
- 辅助密封 (丁青胶/氟橡胶/全氟橡胶)

- Rotary Ring: (CA/SIC/TC)
- Staric Ring: (SIC/CA/TC)
- Metal Bellows(SUS304/SUS316 Hastelloy-C)
- Secondary Seal (NBR/VITON/Kalrez)

GBCDSS







技术参数

压力 ≤1.6MPa
速度 ≤16m/sec
温度 -20℃~+200℃

- 动环(碳化硅/石墨/碳化钨)
- 静环(碳化硅/石墨/碳化钨)
- 金属(SUS304/SUS316/哈氏C)
- 辅助密封 (丁青胶/氟橡胶/全氟橡胶)

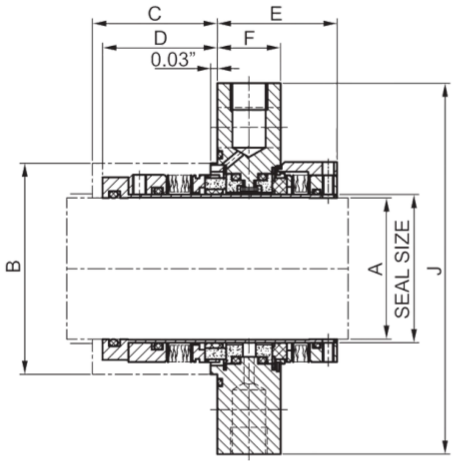
Operating Limits

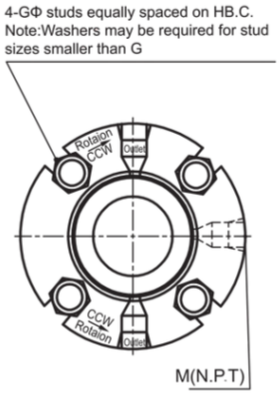
Pressure: ≤1.6MPa
Speed: 16m/sec
Temperature: -20℃~+200℃

- Rotary Ring: (CA/SIC/TC)
- Staric Ring: (SIC/CA/TC)
- Metal Bellows(SUS304SUS316/Hastelloy-C)
- Secondary Seal (NBR/VITON/Kalrez)

Size	d	D2	Dz	L1	L2	L3	C	G		S
								MIN	MAX	
1.000	1.000	1.625	4.125	1.209	1.467	0.927	2.375	2.937	3.625	1/2
1.125	1.125	1.750	4.250	1.209	1.467	0.927	2.375	2.937	3.750	1/2
1.250	1.250	1.875	4.375	1.209	1.467	0.927	2.500	3.062	3.875	1/2
1.375	1.375	2.000	4.375	1.209	1.467	0.927	2.625	3.186	3.875	1/2
1.500	1.500	2.250	5.000	1.090	1.400	0.852	2.832	3.375	4.500	1/2
1.625	1.625	2.375	5.000	1.090	1.400	0.852	2.932	3.375	4.500	1/2
1.750	1.750	2.500	5.250	1.090	1.400	0.852	3.022	3.562	4.750	1/2
1.875	1.875	2.625	5.250	1.090	1.400	0.852	3.022	3.562	4.750	1/2
2.000	2.000	2.750	5.500	1.150	1.413	0.852	3.386	3.937	5.000	1/2
2.125	2.125	2.875	5.750	1.150	1.413	0.852	3.687	4.375	5.125	5/8
2.250	2.250	3.000	5.750	1.150	1.413	0.852	3.687	4.375	5.125	5/8
2.375	2.375	3.125	6.000	1.150	1.413	0.852	3.937	4.625	5.375	5/8
2.500	2.500	3.375	7.000	1.250	1.500	0.926	4.312	5.000	6.375	5/8
2.625	2.625	3.500	7.000	1.250	1.500	0.926	4.312	5.000	6.375	5/8
2.750	2.750	3.625	7.000	1.250	1.500	0.926	4.312	5.000	6.375	5/8
2.875	2.875	3.750	7.500	1.250	1.500	0.926	4.937	5.625	6.812	5/8
3.000	3.000	3.875	7.500	1.250	1.500	0.926	4.937	5.625	6.812	5/8
3.125	3.125	4.000	7.500	1.250	1.500	0.926	4.937	5.625	6.812	5/8
3.250	3.250	4.125	8.000	1.250	1.500	0.926	5.312	6.125	7.312	5/8
3.375	3.375	4.250	8.000	1.250	1.500	0.926	5.312	6.125	7.312	5/8
3.500	3.500	4.375	8.000	1.250	1.500	0.926	5.312	6.125	7.312	5/8

GB X-100/X-200







技术参数

压力 ≤2.5MPa
速度 ≤16m/sec
温度 -20℃~+220℃

Operating Limits

Pressure: ≤2.5MPa
Speed: 16m/sec
Temperature: -20℃~+220℃

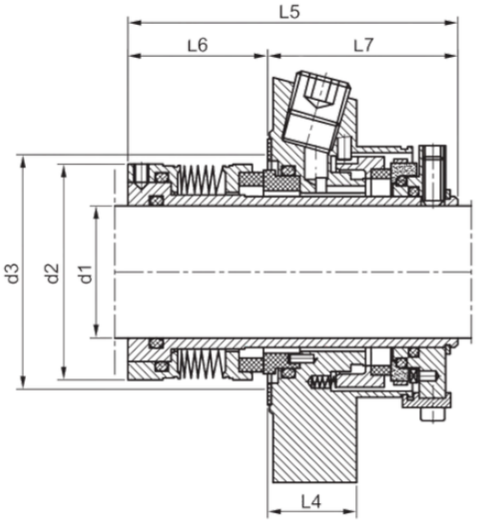
- 动环(碳化硅/石墨/碳化钨)
- 静环(碳化硅/石墨/碳化钨)
- 金属(SUS304/SUS316/哈氏C)
- 辅助密封 (丁青胶/氟橡胶/全氟橡胶)

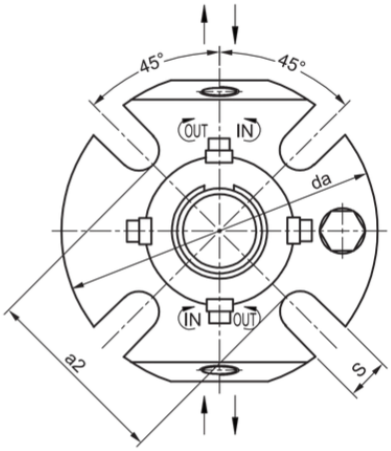
- Rotary Ring: (CA/SIC/TC)
- Staric Ring: (SIC/CA/TC)
- Metal Bellows(SUS304/SUS316/Hastelloy-C)
- Secondary Seal (NBR/VITON/Kalrez)

Size	A	Bmin	Bmax	Cmin	D	E	F	Gmax	Hmin	J	M
1.125	1	1.75	1.875	1.78	1.69	2	1.02	0.375	2.75	3.75	0.375
1.125	1.125	1.75	2	1.78	1.69	2	1.02	0.5	3	3.88	0.375
1.375	1.25	2	2.125	1.97	1.88	2	1.02	0.5	3.12	4.25	0.375
1.500	1.375	2	2.25	1.97	1.88	2	1.02	0.375	3.25	4.25	0.375
1.625	1.5	2.25	2.5	1.97	1.88	2	1.02	0.375	3.75	4.75	0.375
1.750	1.625	2.375	2.625	1.97	1.88	2	1.02	0.5	3.75	4.75	0.375
1.875	1.75	2.5	2.75	1.97	1.88	2	1.02	0.5	3.75	5	0.375
2.000	1.875	2.625	2.875	1.97	1.88	2	1.02	0.5	3.88	5	0.375
2.125	2	2.75	3	1.97	1.88	2	1.02	0.625	4.12	5.12	0.375
2.250	2.125	2.875	3.25	1.97	1.88	2	1.02	0.625	4.38	6	0.375
2.375	2.25	3	3.375	1.97	1.88	2	1.02	0.625	4.62	6.5	0.375
2.500	2.375	3.25	3.625	2.16	2.06	2.09	1.11	0.625	5	6.38	0.375
2.625	2.5	3.375	3.75	2.16	2.06	2.09	1.11	0.625	5	6.62	0.375
2.750	2.625	3.5	3.875	2.16	2.06	2.09	1.11	0.75	5.75	7.25	0.375
2.875	2.75	3.75	-	2.16	2.06	2.62	1.58				0.75
3.000	2.75	3.875	-	2.16	2.06	2.62	1.58				0.75
3.000	2.875	3.875	-	2.16	2.06	2.62	1.58				0.75
3.125	2.875	4	-	2.16	2.06	2.62	1.58				0.75
3.125	3	4	-	2.16	2.06	2.62	1.58				0.75
3.250	3	4.125	-	2.16	2.06	2.62	1.58				0.75
3.375	3.125	4.25	-	2.16	2.06	2.62	1.58		As Required		0.75
3.500	3.25	4.375	-	2.28	2.19	2.75	1.71				0.75
3.625	3.375	4.5	-	2.28	2.19	2.75	1.71				0.75
3.750	3.5	4.625	-	2.28	2.19	2.75	1.71				0.75
3.875	3.625	4.75	-	2.28	2.19	2.75	1.71				0.75
4.000	3.75	4.875	-	2.28	2.19	2.75	1.71				0.75
4.125	3.875	5	-	2.28	2.19	2.75	1.71				0.75

GBMtex-D







技术参数

压力 ≤2.5MPa
速度 ≤20m/sec
温度 -40℃~+220℃

- 动环(碳化硅/石墨/碳化钨)
- 静环(碳化硅/石墨/碳化钨)
- 金属(SUS304/SUS316/哈氏C)
- 辅助密封 (丁青胶/氟橡胶/全氟橡胶)

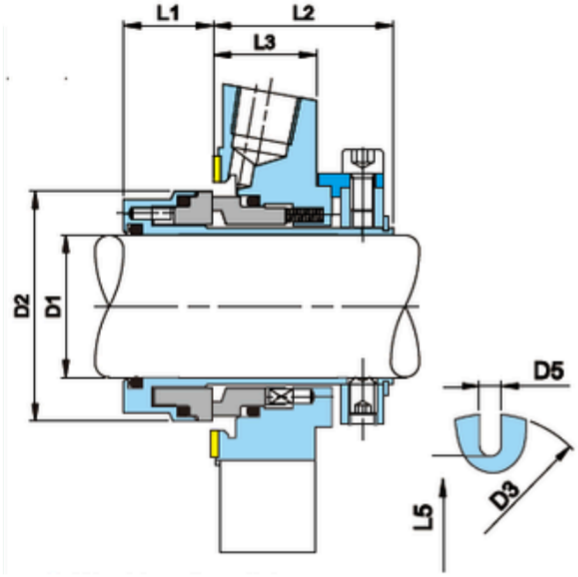
Operating Limits

Pressure: ≤2.5MPa
Speed: 20m/sec
Temperature: -40℃~+220℃

- Rotary Ring: (CA/SIC/TC)
- Staric Ring: (SIC/CA/TC)
- Metal Bellows(SUS304SUS316/Hastelloy-C)
- Secondary Seal (NBR/VITON/Kalrez)

Size	d1	d2	d3min	d3max	L4	L5	L6	L7	da	a2	s
25	25	45.0	47.0	51.0	25.4	87.0	33.6	53.4	105.0	62.0	13.2
30	30	49.4	52.0	56.0	25.4	86.5	33.1	53.4	105.0	67.0	13.2
32	32	52.3	54.5	57.0	25.4	86.5	33.1	53.4	108.0	70.0	13.2
33	33	52.3	54.5	57.0	25.4	86.5	33.1	53.4	108.0	70.0	13.2
35	35	54.8	58.0	61.5	25.4	86.5	33.1	53.4	113.0	72.0	13.2
38	38	57.5	60.0	66.0	25.4	86.5	33.1	53.4	123.0	75.0	14.0
40	40	58.8	62.0	68.0	25.4	86.3	32.9	53.4	123.0	77.0	14.2
43	43	61.9	64.5	70.5	25.4	86.5	33.1	53.4	133.0	80.0	14.2
45	45	65.0	68.5	73.0	25.4	86.5	33.1	53.4	138.0	82.0	14.2
48	48	68.4	71.0	75.0	25.4	86.8	33.4	53.4	138.0	85.0	14.2
50	50	70.0	73.0	78.0	25.4	87.2	33.8	53.4	148.0	87.0	14.2
53	53	71.9	75.0	87.0	25.4	87.4	34.0	53.4	148.0	97.0	18.0
55	55	74.6	77.0	83.0	25.4	87.0	33.6	53.4	148.0	92.0	18.0
60	60	83.9	87.0	91.0	25.4	88.2	34.8	53.4	157.0	102.0	18.0
65	65	87.5	90.0	98.5	25.4	88.1	34.7	53.4	163.0	109.3	18.0
70	70	93.0	98.0	108.0	25.4	89.6	36.2	53.4	178.0	118.3	18.0
75	75	96.8	101.6	118.0	28.0	107.4	43.5	63.9	190.0	129.0	18.0
80	80	104.7	108.0	124.0	28.0	106.8	42.9	63.9	195.0	135.0	18.0

GB 141/Cartex





技术参数

压力 ≤2.8MPa
速度 ≤35m/sec
温度 -20℃~+220℃

Operating Limits

Pressure: ≤2.8MPa
Speed: 35m/sec
Temperature: -20℃~+220℃

- 动环(碳化硅/碳化钨)
- 静环(碳化硅/石墨/碳化钨)
- 金属(SUS304/SUS316/哈氏C)
- 辅助密封 (丁青胶/氟橡胶/全氟橡胶)

- Rotary Ring: (SIC/TC)
- Staric Ring: (SIC/CA/TC)
- Metal Bellows(SUS304/SUS316/Hastelloy-C)
- Secondary Seal (NBR/VITON/Kalrez)

D1(mm)	D2	D3	D5	L1	L2	L3	L5
24	43.5	104	12.5	19	38	25	62
25	43.5	104	12.5	19	38	25	62
28	46.5	104	12.5	19	38	25	62
30	48.5	104	12.5	19	38	25	67
32	50.5	104	12.5	19	38	25	67
33	50.5	104	12.5	19	38	25	67
35	53.5	110	12.5	19	38	25	70
38	56.5	125	14.7	19	38	25	75
40	58.5	125	14.7	19	38	25	75
42	60.5	133	14.7	19	38	25	80
43	61.5	133	14.7	19	38	25	80
45	63.5	140	14.7	19	38	25	82
48	66.5	140	14.7	19	38	25	82
50	68.5	140	14.7	19	38	25	87
53	71.5	150	17.5	19	38	25	92
55	73.5	150	17.5	19	38	25	92
60	78.5	160	17.5	19	38	25	100
65	83.5	165	17.5	19	38	25	105
70	88.5	180	17.5	19	38	25	120
75	100	190	17.5	20.5	41.5	30	125
80	105	190	17.5	20.5	41.5	30	130
85	110	220	21.5	20.5	41.5	30	135
90	115	220	21.5	20.5	41.5	30	140
95	120	220	21.5	20.5	41.5	30	145
100	125	220	21.5	20.5	41.5	30	150

D1(inch)	D2	D3	D5	L1	L2	L3	L5
1.000	1.713	4.094	0.492	0.748	1.496	0.984	2.441
1.125	1.831	4.094	0.492	0.748	1.496	0.984	2.441
1.250	1.988	4.094	0.492	0.748	1.496	0.984	2.638
1.375	2.107	4.331	0.492	0.748	1.496	0.984	2.756
1.500	2.225	4.921	0.579	0.748	1.496	0.984	2.953
1.625	2.382	5.236	0.579	0.748	1.496	0.984	3.150
1.750	2.500	5.512	0.579	0.748	1.496	0.984	3.228
1.875	2.618	5.512	0.579	0.748	1.496	0.984	3.228
2.000	2.697	5.906	0.579	0.748	1.496	0.984	3.425
2.125	2.815	6.102	0.689	0.748	1.496	0.984	3.622
2.250	3.012	6.299	0.689	0.748	1.496	0.984	3.937
2.375	3.091	6.469	0.689	0.748	1.496	0.984	3.937
2.500	3.209	6.693	0.689	0.748	1.496	0.984	4.055
2.625	3.406	7.067	0.689	0.748	1.496	0.984	4.724
2.750	3.484	7.480	0.689	0.748	1.496	0.984	4.724
2.875	3.858	7.480	0.689	0.807	1.634	1.181	4.843
3.000	3.937	7.480	0.689	0.807	1.634	1.181	4.921
3.125	4.134	8.661	0.689	0.807	1.634	1.181	5.118
3.250	4.252	8.661	0.846	0.807	1.634	1.181	5.236
3.375	4.331	8.661	0.846	0.807	1.634	1.181	5.315
3.500	4.528	8.661	0.846	0.807	1.634	1.181	5.512
3.625	4.606	8.661	0.846	0.807	1.634	1.181	5.591
3.750	4.725	8.661	0.846	0.807	1.634	1.181	5.709
3.875	4.921	8.661	0.846	0.807	1.634	1.181	5.906
4.000	4.921	8.661	0.846	0.807	1.634	1.181	5.906

HT-GLF(CR)

参数:

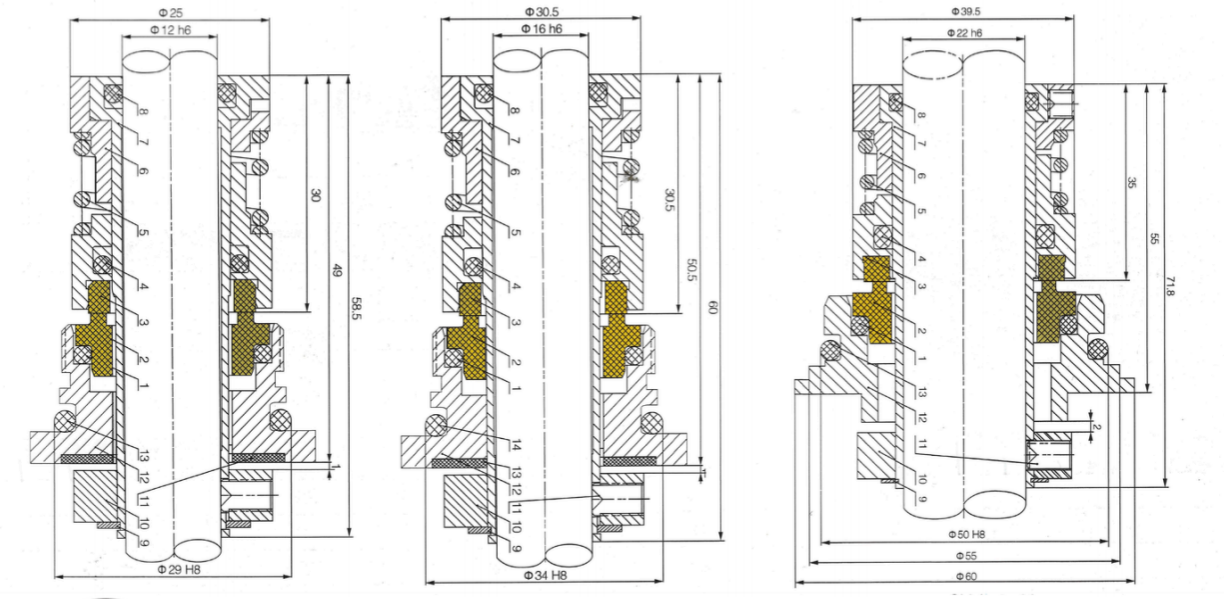
压力: ≤1.7MPa
线速度: ≤15m/sec
温度: -20℃~+150℃

parameter:

Pressure: ≤1.7MPa
Speed: ≤15m/sec
Temperature: -20℃~+150℃

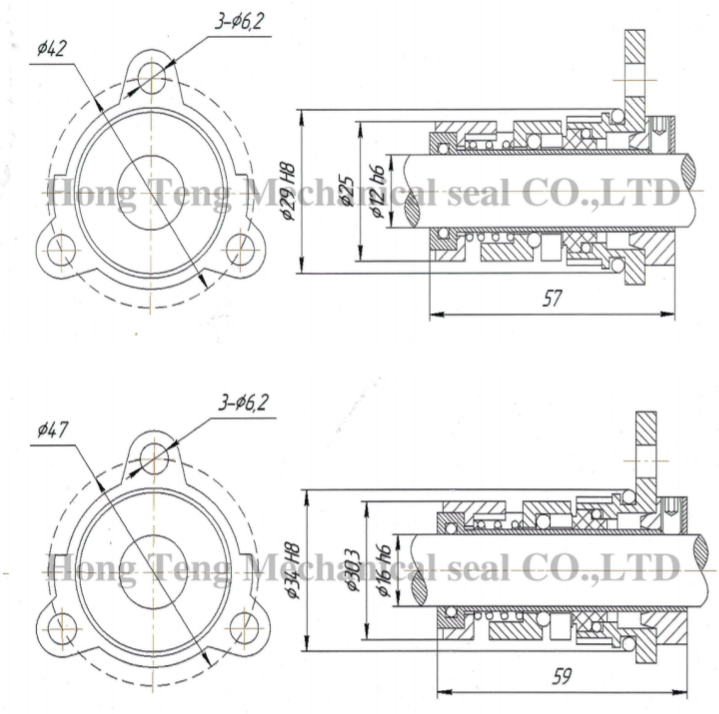
Material

Static ring: Carbon/SIC/TC
Rotary ring: Carbon/SIC/TC
Bellows: NBR/EPDM/VITON
Spring and other:SS304/SS316



HT-GLF-12 HT-GLF-16 HT-GLF-22

HT-GLF							
d/size	D1	D3	D7	M	L	L1	L3
GLF-12	12	25	29	M28*1.5	58.5	49	30.0
GLF-16	16	30.5	34	M33*1.5	60.0	51	30.5
GLF-22	22	39.5	50	M49*1.5	71.8	55	35.0



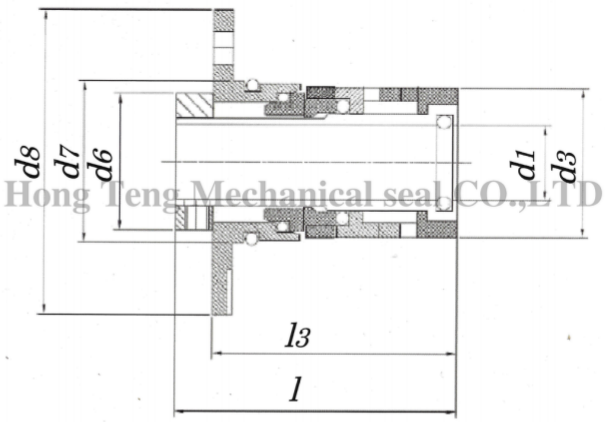
Hong Teng Mechanical seal CO.,LTD
Hong Teng Mechanical seal CO.,LTD



HT-GLF-3R(CR)



HT-GLF-4R(CR)



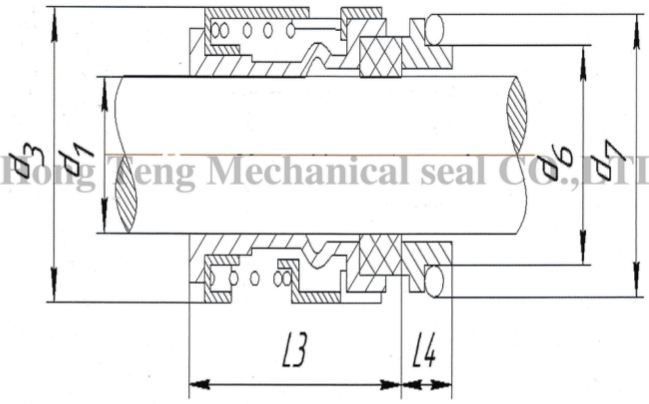
Hong Teng Mechanical seal CO.,LTD

HT-GLF-4R							
d/size	d1	d3	d6	d7	d8	L3	L
GLF-12	12	25	25	31	58	31	57
GLF-16	16	32	29	34.5	65	52	57.5
GLF-22	22	39.5	39	49.7	90	38	70



ng Mechanical seal

HT-G03



Hong Teng Mechanical seal CO.,LTD

格兰富
Grundfos

HT-G3						
d/size	d1	d3	d6	d7	L3	L4
12L	12	22	19	23	24	8.5
12S	12	22	19	23	39	8.5
16L	16	26	23	27	25	9.0
16S	16	26	23	27	30	9.0

- Rotary Ring: (CA/SIC/TC)
- Staric Ring: (SIC/CA/TC)
- Metal Bellows(SUS304SUS316/Hastelloy-C)
- Secondary Seal (NBR/VITON/Kalrez)

parameter:

Pressure: ⩽2.0MPa
Speed: 15m/sec
Temperature: -20℃~+150℃



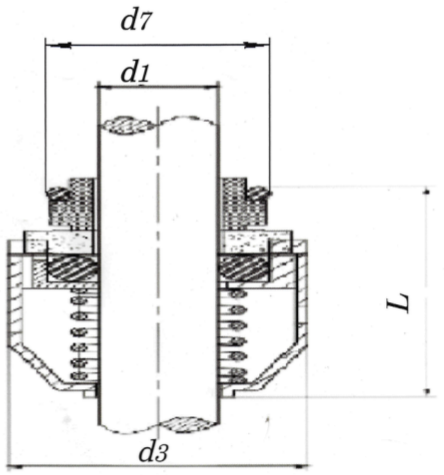
Hong Teng Mechanical seal CO.,LTD



Hong Teng Mechanical seal CO.,LTD

HT-G03 have two kinds of rubber-high and short

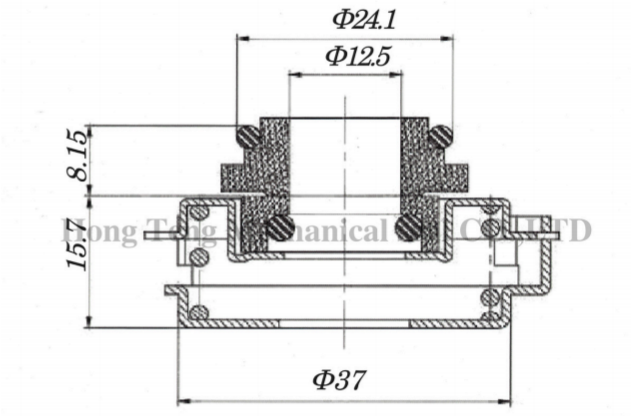




HT-G04

HT-G04				
d/size	d1	d3	d7	L
G04-12	12	29	23	40
G04-16	16	34	27	38.6





HT-G05

parameter:

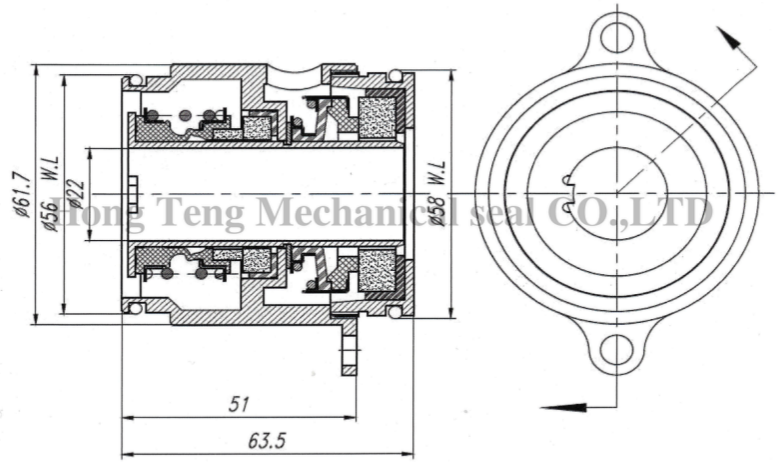
Pressure: ⩽3.0MPa
Speed: 15m/sec
Temperature: -20℃~+190℃

Material

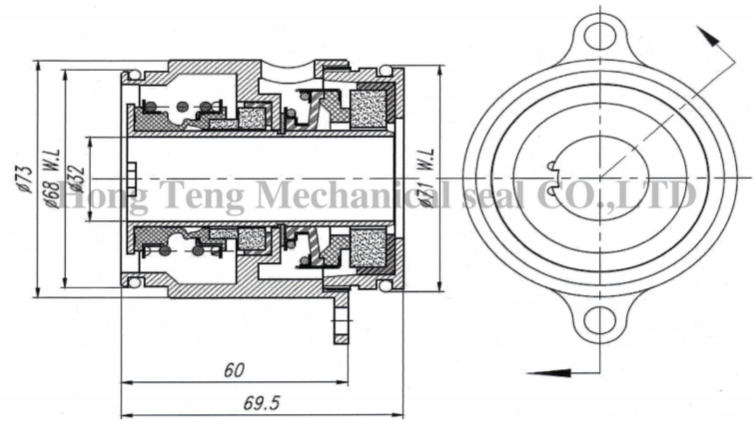
Stationary Ring: Carbon/SIC/TC
Rotary Ring: SIC/TC
Bellows: NBR/VITON
Spring and other:SS304/SS316



HT-SE



HT-SE-22



HT-SE-32

HT GF02



Dimension:12mm

Rotary Ring (Carbon/Sic)
Stationary (Sic/TC)
Secondary Seal (VITON)
Spring & other (SS304/SS316)

HT GF06



Dimension:22mm

Rotary Ring (TC)
Stationary (TC)
Secondary Seal (VITON)
Spring & other (SS304/SS316)

HT GF01



Dimension:12mm/16mm

Rotary Ring (Carbon/Sic)
Stationary (Sic/Tc)
Secondary Seal (VITON)
Spring & other (SS304/SS316)

HT CR-SA



Dimension:32mm/38mm/50mm/65mm

Rotary Ring (Carbon/Sic)
Stationary (Sic)
Secondary Seal (VITON)
Spring & other (SS304/SS316)

HT CR-3R



Dimension:12mm/16mm

HT CR-SR



Dimension:22mm

HT CR-S6R



Dimension:22mm

HT CR-6R



Dimension:12mm/16mm

HT GLF-43/55



Dimension:43mm/55mm

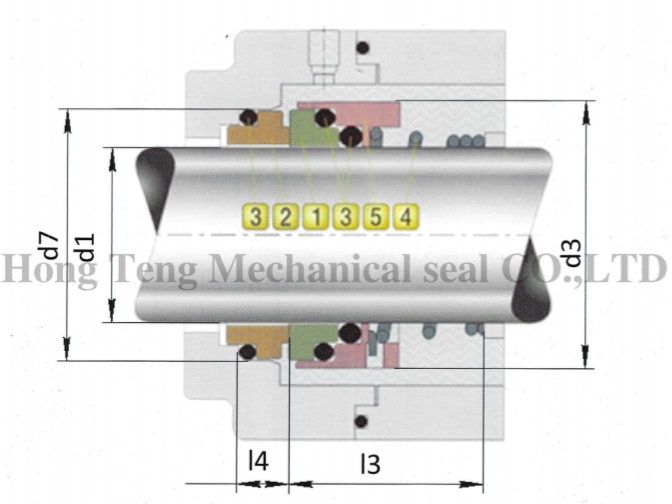
HT GF-SE



Dimension:22mm/32mm



HT-Lowara-12,16



Hong Teng Mechanical seal CO.,LTD

parameter:

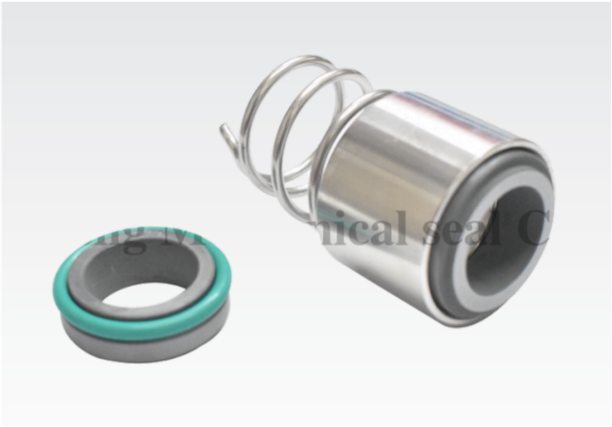
Pressure: ≤0.5MPa
Speed: 20m/sec
Temperature: -20℃~+220℃

Material
Stationary Ring: SIC
Rotary Ring: Carbon
Bellows: NBR/VITON
Spring and other:SS304/SS316

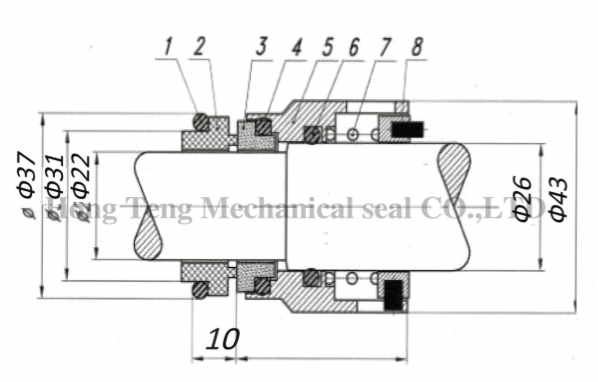
HT-Lowara					
d1/size	d3	d6	d7	L3	L4
12	22	19	23	25.5	7
16	29	23	27	28.0	7

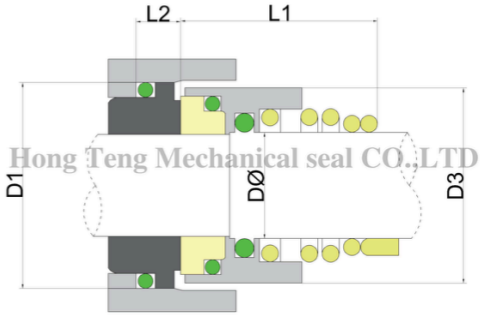


HT-Lowara-22



HT-Lowara-16/20



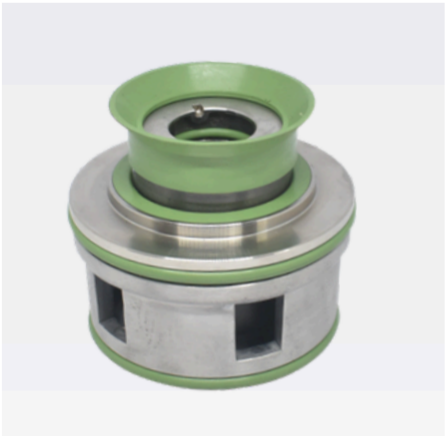


parameter:

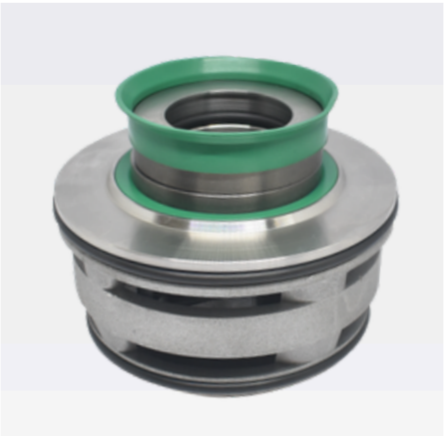
Pressure: ⩽1.4MPa
Speed: 15m/sec
Temperature: -20℃~+140℃

HT-Lowara-16/20					
SHAFT SIZE DØ	SIZE CODE	D1	D3	L1	L2
16	20	26.9	29.5	34	7

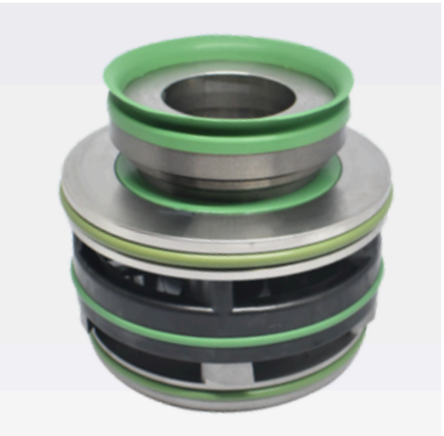
Material
Stationary Ring: Carbon/SIC/TC
Rotary Ring: Ceramic/SIC/TC
Bellows: NBR/VITON
Spring and other:SS304/SS316



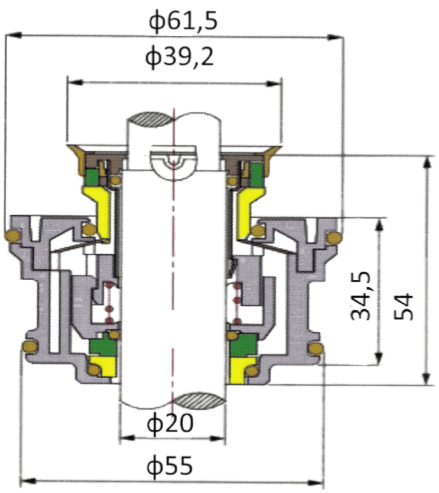
FS-20



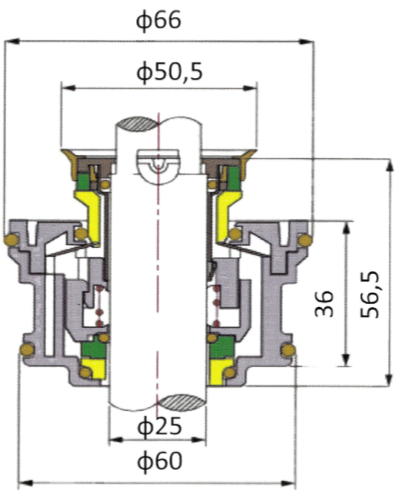
FS-35



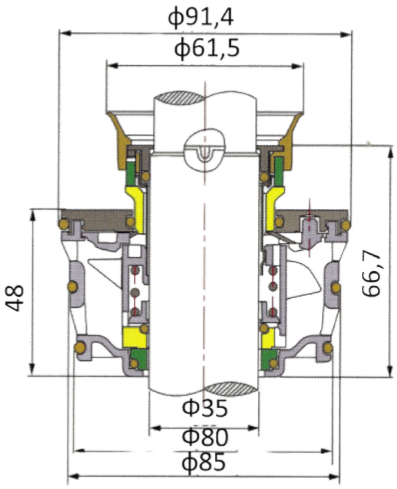
FS-45



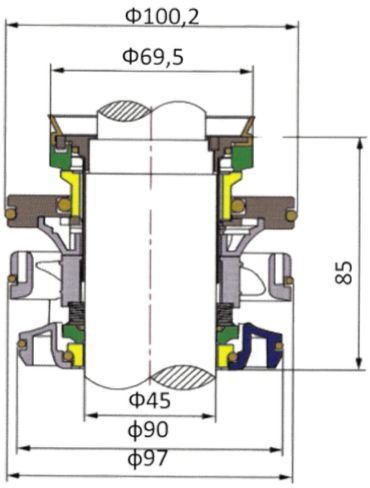
HT-Flygt-20



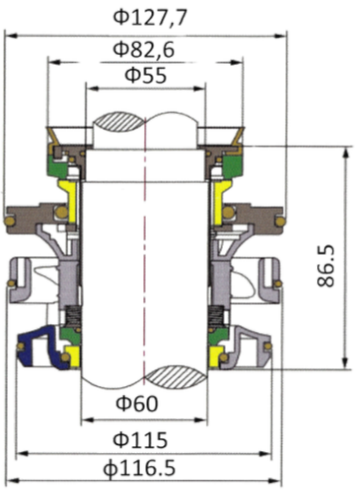
HT-Flygt-25



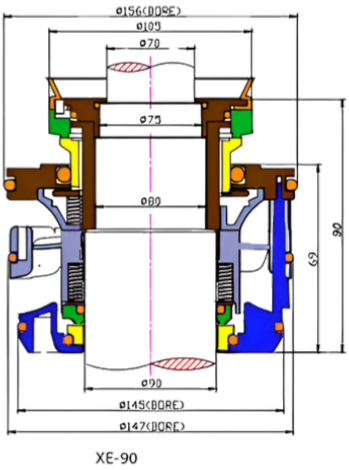
HT-Flygt-35



HT-Flygt-45



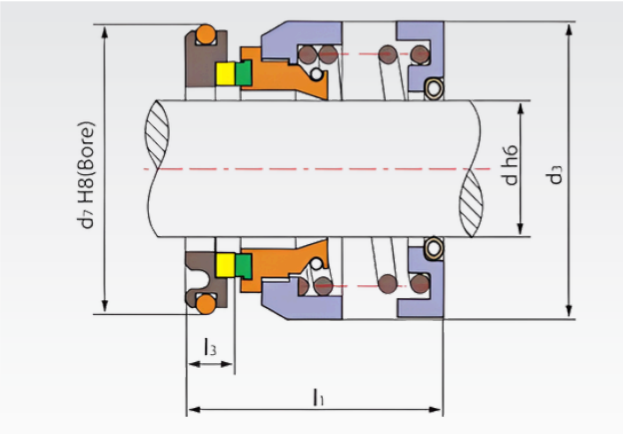
HT-Flygt-60



HT-Flygt-90



HT-X

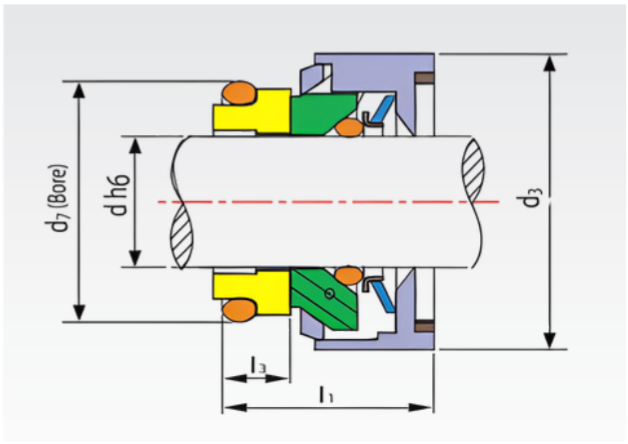


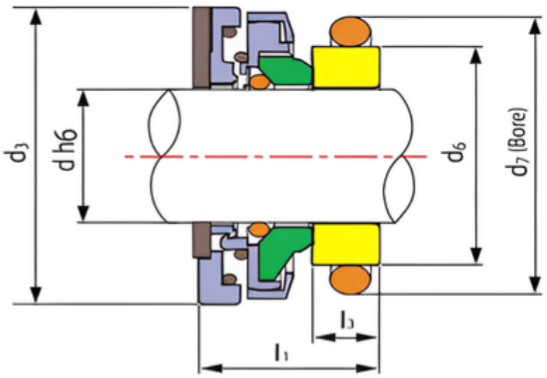
- Rotary Ring: (SIC/TC)
- Staric Ring: (SIC/TC)
- Secondary Seal: (NBR/EPDM/VITON)
- Spring and other: (304/316)
- Tension Spring(SUS321)
- Spring Cover(Bakelite/ALuminum alloy)

Seal Size	d3	d7	11	13
20	42.5	55.5	36.5	11.0
22	47.0	45.5	32.6	9.0
25	54.0	50	38.6	10.0
28	54.0	50	38.6	10.0
30	54.0	50	38.6	10.0
35	62.0	60.5	39.8	11.0



HT-XA





- Rotary Ring: (CA/TC)
- Staric Ring: (CE/TC)
- Secondary Seal: (NBR/VITON)
- Spring and other: (65Mn/304/316)

Seal Size	d3	d7	11	13
XA-20	45.2	/	21.5	7.2
XA-25	54.0	35.2	21.0	6.0
XA-35	69.8	50.3	25.7	10.3

FS-P-L60



- Rotary Ring: (SIC/TC)
- Staric Ring: (SIC/TC)
- Secondary Seal: (NBR/EPDM/VITON)
- Spring and other: (304/316)
- Tension Spring(SUS321)
- Spring Cover(Bakelite/ALuminum alloy)

Pump Model: 2250&2290 3200

FS-Q-U60



- Rotary Ring: (SIC/TC)
- Staric Ring: (SIC/TC)
- Secondary Seal: (NBR/EPDM/VITON)
- Spring and other: (304/316)
- Tension Spring(SUS321)
- Spring Cover(Bakelite/ALuminum alloy)

Pump Model: 2250&2290 7055.600 5550

FS-P-U60



- Rotary Ring: (SIC/TC)
- Staric Ring: (SIC/TC)
- Secondary Seal: (NBR/EPDM/VITON)
- Spring and other: (304/316)
- Tension Spring(SUS321)
- Spring Cover(Bakelite/ALuminum alloy)

Pump Model: 3200

FS-Q-L60



- Rotary Ring: (SIC/TC)
- Staric Ring: (SIC/TC)
- Secondary Seal: (NBR/EPDM/VITON)
- Spring and other: (304/316)
- Tension Spring(SUS321)
- Spring Cover(Bakelite/ALuminum alloy)

Pump Model: 3170&3201 4410 4430 7045 600

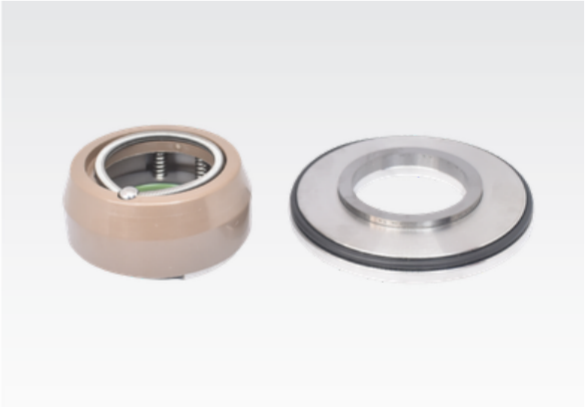
FS-R-U60



- Rotary Ring: (SIC/TC)
- Staric Ring: (SIC/TC)
- Secondary Seal: (NBR/EPDM/VITON)
- Spring and other: (304/316)
- Tension Spring(SUS321)
- Spring Cover(Bakelite/ALuminum alloy)

Pump Model: 2400

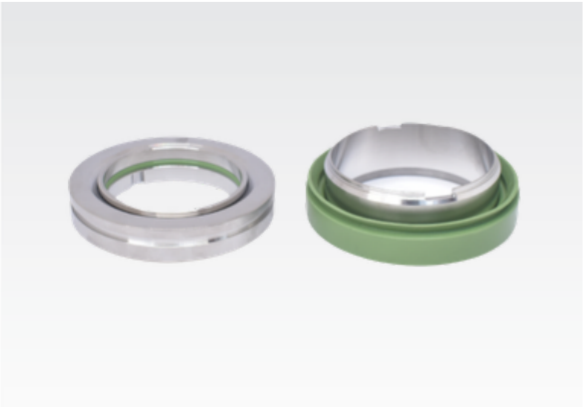
FS-N-U45



- Rotary Ring: (SIC/TC)
- Staric Ring: (SIC/TC)
- Secondary Seal: (NBR/EPDM/VITON)
- Spring and other: (304/316)
- Tension Spring(SUS321)
- Spring Cover(Bakelite/ALuminum alloy)

Pump Model: 2201.320 430 480 590 & 690

FS-R-L60



- Rotary Ring: (SIC/TC)
- Staric Ring: (SIC/TC)
- Secondary Seal: (NBR/EPDM/VITON)
- Spring and other: (304/316)
- Tension Spring(SUS321)
- Spring Cover(Bakelite/ALuminum alloy)

Pump Model: 2400

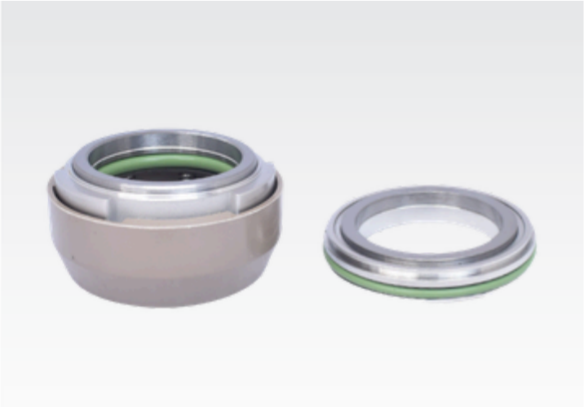
FS-N-L45



- Rotary Ring: (SIC/TC)
- Staric Ring: (SIC/TC)
- Secondary Seal: (NBR/EPDM/VITON)
- Spring and other: (304/316)
- Tension Spring(SUS321)
- Spring Cover(Bakelite/ALuminum alloy)

Pump Model: 2201.011 MT&HT 2201.320 430 480 590 & 690

FS-O-U45



- Rotary Ring: (SIC/TC)
- Staric Ring: (SIC/TC)
- Secondary Seal: (NBR/EPDM/VITON)
- Spring and other: (304/316)
- Tension Spring(SUS321)
- Spring Cover(Bakelite/ALuminum alloy)

Pump Model: 2201.010 3140 3151 3152.090 120&180

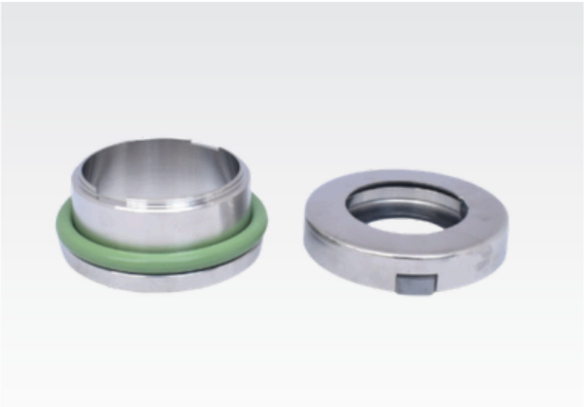
FS-S-L80



- Rotary Ring: (SIC/TC)
- Staric Ring: (SIC/TC)
- Secondary Seal: (NBR/EPDM/VITON)
- Spring and other: (304/316)
- Tension Spring(SUS321)
- Spring Cover(Bakelite/ALuminum alloy)

Pump Model: 3230 3305 3355&3357 3356(C/N)

FS-O-L45



- Rotary Ring: (SIC/TC)
- Staric Ring: (SIC/TC)
- Secondary Seal: (NBR/EPDM/VITON)
- Spring and other: (304/316)
- Tension Spring(SUS321)
- Spring Cover(Bakelite/ALuminum alloy)

Pump Model: 2201.011 3140 3152.090 120&180

FS-S-U90



- Rotary Ring: (SIC/TC)
- Staric Ring: (SIC/TC)
- Secondary Seal: (NBR/EPDM/VITON)
- Spring and other: (304/316)
- Tension Spring(SUS321)
- Spring Cover(Bakelite/ALuminum alloy)

Pump Model: 3230 3305 3500 7055.680 7060 7075&7556

FS-Z-L24



- Rotary Ring: (SIC/TC)
- Staric Ring: (SIC/TC)
- Secondary Seal: (NBR/EPDM/VITON)
- Spring and other: (304/316)
- Tension Spring(SUS321)
- Spring Cover(Bakelite/ALuminum alloy)

Pump Model: 2730 2740&2750

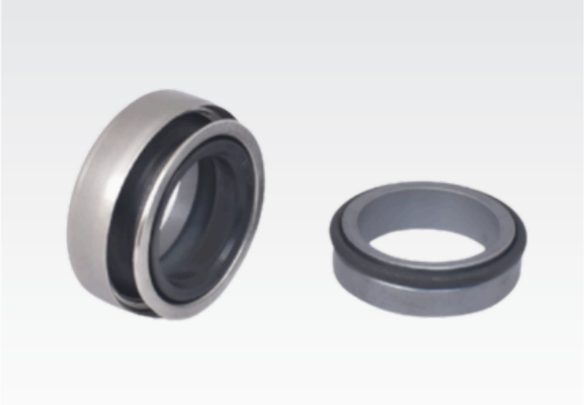
FS-W-U105



- Rotary Ring: (SIC/TC)
- Staric Ring: (SIC/TC)
- Secondary Seal: (NBR/EPDM/VITON)
- Spring and other: (304/316)
- Tension Spring(SUS321)
- Spring Cover(Bakelite/ALuminum alloy)

Pump Model: 3312.9*5
3501.865 3531.865&3602.865

FS-Z-U25



- Rotary Ring: (SIC/TC)
- Staric Ring: (SIC/TC)
- Secondary Seal: (NBR/EPDM/VITON)
- Spring and other: (304/316)
- Tension Spring(SUS321)
- Spring Cover(Bakelite/ALuminum alloy)

Pump Model: 2730 2740&2750

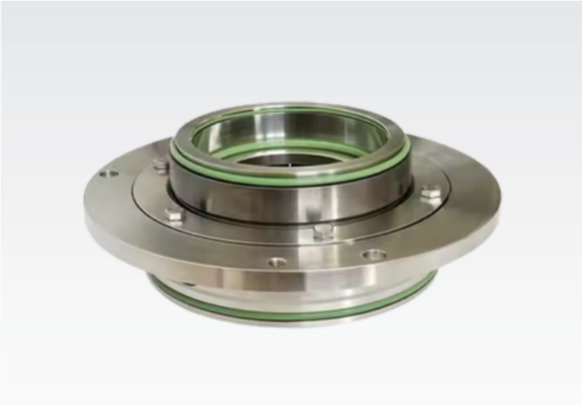
FS-W-L105



- Rotary Ring: (SIC/TC)
- Staric Ring: (SIC/TC)
- Secondary Seal: (NBR/EPDM/VITON)
- Spring and other: (304/316)
- Tension Spring(SUS321)
- Spring Cover(Bakelite/ALuminum alloy)

Pump Model: 3312.9*5
3501.865 3531.865&3602.865

FS-120



- Rotary Ring: (SIC/TC)
- Staric Ring: (SIC/TC)
- Secondary Seal: (NBR/EPDM/VITON)
- Spring and other: (304/316)
- Tension Spring(SUS321)
- Spring Cover(Bakelite/ALuminum alloy)

Pump Model: 3531.9x5
3800.9x5 7121.9x5

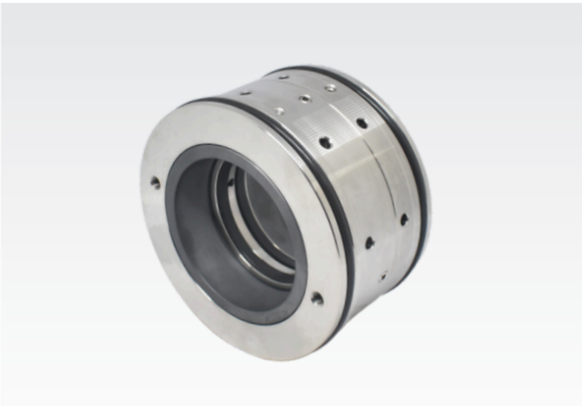
FS-T-L120



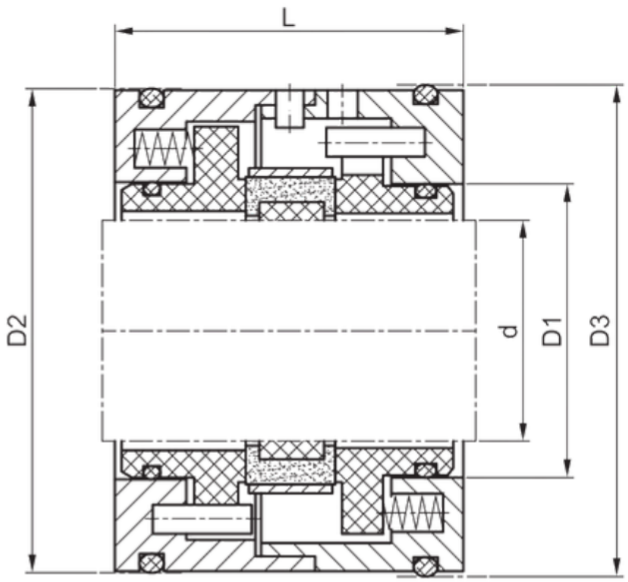
- Rotary Ring: (SIC/TC)
- Staric Ring: (SIC/TC)
- Secondary Seal: (NBR/EPDM/VITON)
- Spring and other: (304/316)
- Tension Spring(SUS321)
- Spring Cover(Bakelite/ALuminum alloy)

Pump Model: 3310 3311
3350&3600 3351.9*5

HT EMU



- Rotary Ring: (Carbon/SIC)
- Staric Ring: (SIC)
- Secondary Seal: (EPDM/VITON)
- Spring and other: (304/316)



Operating Limits

Pressure: ⩽1.2MPa
Speed: ⩽20m/sec
Temperature: -40℃~+200℃

Size	D1	D2	D3	L1
35	47	72	72	47
50	63	90	92	52
75	95	128	130	75

HT VGD



- Rotary Ring: (TC)
- Staric Ring: (TC)
- Secondary Seal: (VITON/Aflas)
- SLEEVE (SS304/SS316)
- Spring & other(SS304/SS316)

Model	SLEEVE Size	Seal Size
VGD-S1500-1	/	1 1/2″
VGD-S1875-1	/	1 7/8″
VGD-S2750-1	/	2 3/4″
VGD-S1500-2	1 1/4″	1 1/2″
VGD-S1875-2	1 1/2″	1 7/8″
VGD-S2750-2	2 1/4″	2 3/4″

HT GR

Gorman-Rupp

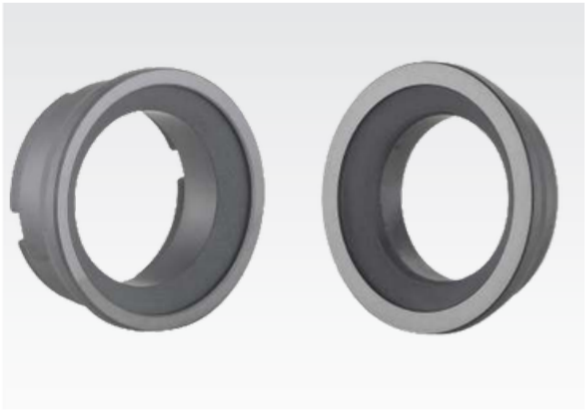


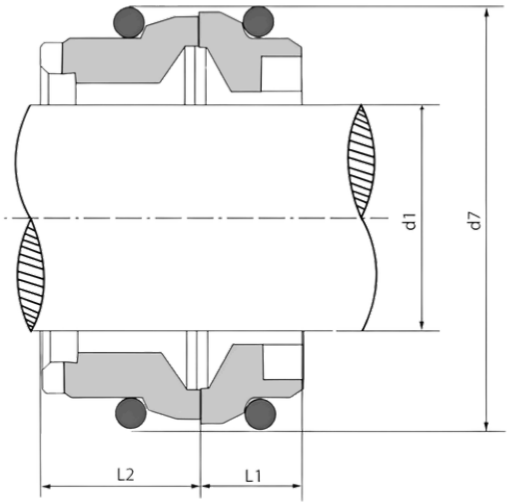


- Rotary Ring: (TC)
- Staric Ring: (TC)
- Secondary Seal: (VITON/Aflas)
- SLEEVE (SS304/SS316)
- Spring & other(SS304/SS316)

Model	Sleeve Size	Seal Size
GR 46513-150	1 1/4″	1 1/2″
GR 46513-153	1 1/2″	1 7/8″

APV-01





- 动环(碳化硅/碳化钨)
- 静环(碳化硅/碳化钨)
- 辅助密封 (氟橡胶/密封环)
- Rotary Ring: (SIC/TC)
- Staric Ring: (SIC/TC)
- Secondary Seal (VITON/Encapsulated Ring)

Model	d1	d7	L2	L1
APV01-25	25	45	11.5	17.5
APV01-35	35	56	11.5	17.5

Seals to Replace APV W Plus Pumps
Replace VULCAN TYPE16. Plus

APV-03



Dimension:20mm/25mm/30mm

Rotary Ring (Carbon/Sic/Tc)
Stationary (Sic/Tc)
Secondary Seal (NBR/VITON)
Spring & other (SS304/SS316)

APV-04



Dimension:25mm/30mm

Rotary Ring (Carbon/Sic/Tc)
Stationary (Sic/Tc)
Secondary Seal (NBR/VITON)
Spring & other (SS304/SS316)

HT AL-01



Dimension:22mm

Rotary Ring (Carbon/Sic/Tc)
Stationary (Sic/Tc)
Secondary Seal (VITON)
Spring & other (SS304/SS316)

HT AL-03



Dimension:27mm

Rotary Ring (Carbon/Sic/Tc)
Stationary (Sic/Tc)
Secondary Seal (VITON)
Spring & other (SS304/SS316)

HT AL-04



Dimension:31.75mm/42mm

Rotary Ring (Carbon/Sic/Tc)
Stationary (Sic/Tc)
Secondary Seal (VITON)
Spring & other (SS304/SS316)

HT W03S



Dimension:20mm/30mm
35mm/45mm/55mm/75mm

Rotary Ring (Sic/Tc)
Stationary (Carbon/Sic/Tc)
Secondary Seal (VITON)
Spring & other (SS304/SS316)

HT AL-06



Dimension:31.75mm

Rotary Ring (Carbon/Sic)
Stationary (Sic)
Secondary Seal (VITON)
Spring & other (SS304/SS316)

HT AL-07



Dimension:53mm

Rotary Ring (Carbon/Sic)
Stationary (Sic)
Secondary Seal (VITON)
Spring & other (SS304/SS316)

HT AL-LKH



Dimension:22mm

Rotary Ring (Carbon/Sic)
Stationary (Sic/Tc)
Secondary Seal (VITON)
Spring & other (SS304/SS316)

HT AI-11



Dimension:12mm/18mm 21mm/28mm/40mm

Rotary Ring (Carbon/Sic)
Stationary (Carbon/Sic)
Secondary Seal (VITON)
Spring & other (SS304/SS316)



技术参数

压力 ≤1.2MPa
速度 ≤15m/sec
温度 -20℃~+120℃

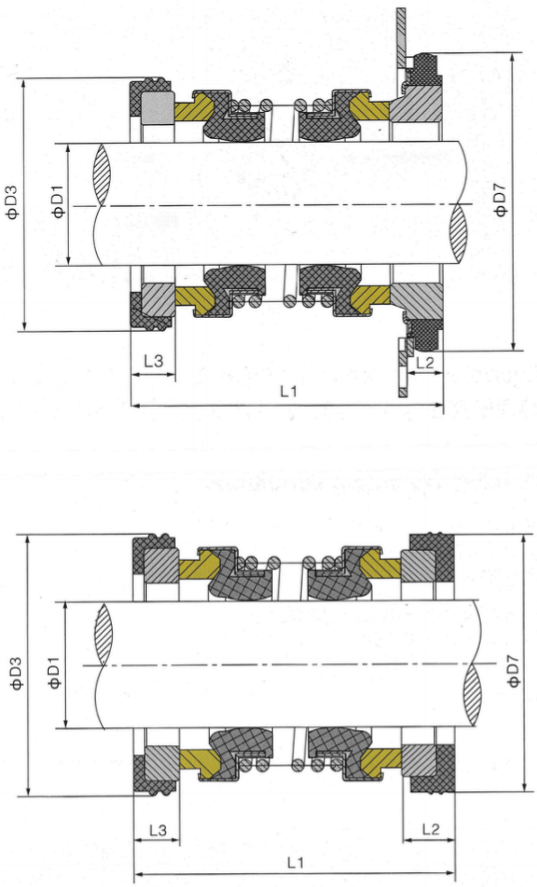
Operating Limits

Pressure: ≤1.2MPa
Speed: 15m/sec
Temperature: -20℃~+120℃

HT-560D

- 动环(碳化硅/石墨)
- 静环(碳化硅/陶瓷)
- 金属(SUS304/SUS316)
- 辅助密封 (丁青胶/氟橡胶)

- Rotary Ring: (CA/SIC/TC)
- Staric Ring: (SIC/CA/TC)
- Metal Bellows(SUS304SUS316/Hastelloy-C)
- Secondary Seal (NBR/VITON/Kalrez)



HT-560D					
d/size	D3	D7	L1	L2	L3
14	30	30	37	5	5
15	30	30	37	5	5
16	30	30	37	5	5
18	35	38	49	10	7
19	35	38	49	10	7
20	38	44	49	7	7
25	44	50	51	7	7
30	50	57	59	8	9
35	58	64	61	9	9
40	64	70	64	9	11
45	66	70	65	9	10
50	72	80	69	9	10

HT 560DE



Dimension:30mm
35mm/40mm/45mm

Rotary Ring (Carbon/Sic)
Stationary (Sic/Ceramic)
Secondary Seal (NBR/VITON)
Spring & other (SS304/SS316)

HT 560DF



Dimension:40mm/45mm

Rotary Ring (Ceramic/Sic)
Stationary (Carbon/Sic)
Secondary Seal (NBR/VITON)
Spring & other (SS304/SS316)

HT UNE5



Dimension:12mm/16mm

Rotary Ring (Carbon/Sic)
Stationary (Sic)
Secondary Seal (VITON)
Spring & other (SS304/SS316)

HT UNE-25



Dimension:25mm

Rotary Ring (Carbon/Sic)
Stationary (Sic)
Secondary Seal (VITON)
Spring & other (SS304/SS316)

HT TRC-01



Dimension:0.75/1/1.125/1.5inch

Rotary Ring (Carbon/Sic/TC)
Secondary Seal (VITON)
Spring & other (SS304/SS316)

HT QY



Dimension:15mm/11mm

Rotary Ring (Carbon/Sic)
Stationary (Sic)
Secondary Seal (VITON)
Spring & other (SS304/SS316)

HT DSL



Dimension:45mm/55mm

Rotary Ring (Sic/TC)
Stationary (Sic/TC)
Secondary Seal (VITON)
Spring & other (SS304/SS316)

HT SP



Dimension:38.1mm

Rotary Ring (TC)
Stationary (TC)
Secondary Seal (VITON)
Spring & other (SS304/SS316)

HT 4OM(KSB)



Dimension:40(50),50(60),60(70)
80(90),90(110)

Rotary Ring (Sic/TC)
Stationary (Sic/TC)
Secondary Seal (VITON)
Spring & other (SS304/SS316)

HT T1



Dimension:2 7/8 inch

Rotary Ring (Sic/TC)
Stationary (Sic)
Secondary Seal (VITON)
Spring & other (SS304/SS316)

HT J580-2A ”



Dimension: 2 inch

Rotary Ring (Sic)
Stationary (Sic)
Secondary Seal (VITON)
Spring & other (SS304/SS316)

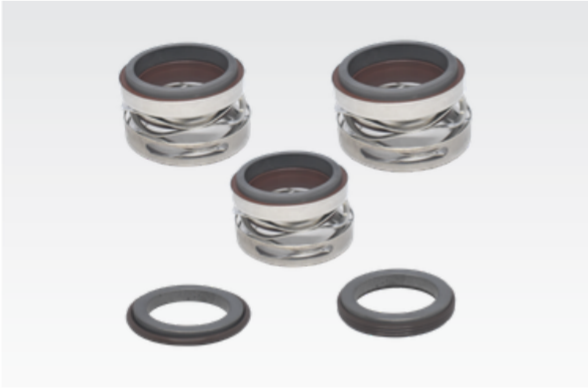
HT Blackmer



Dimension:35/45/55mm

Rotary Ring (SIC)
Stationary (SIC)
Secondary Seal (VITON)
Spring & other (SS304/SS316)

HT ABS



Dimension:25mm/30mm/35mm

Rotary Ring (Carbon/Sic/TC)
Stationary (Sic/TC)
Secondary Seal (VITON)
Spring & other (SS304/SS316)

HT FTK2



Dimension:45mm

Rotary Ring (Sic/TC)
Stationary (Sic)
Secondary Seal (VITON)
Spring & other (SS304/SS316)

HT XEDXM



Dimension: 50mm

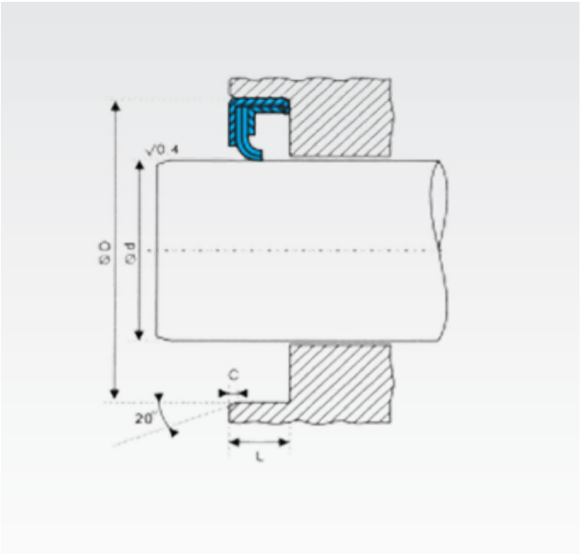
Rotary Ring (Sic)
Stationary (Sic)
Secondary Seal (VITON)
Spring & other (SS304/SS316)

HT 208T



Dimension:17/20/25/30 /35/40mm

Rotary Ring (SIC)
Stationary (SIC)
Secondary Seal (VITON)
Spring & other (SS304/SS316)





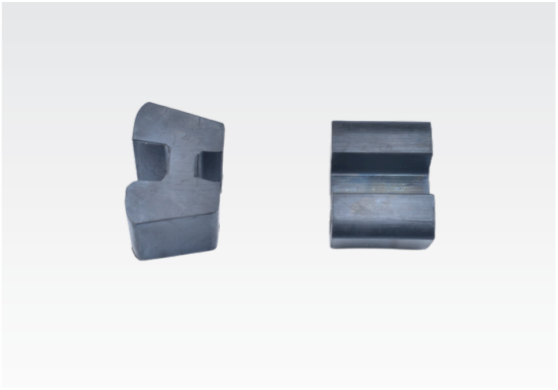
技术参数

压力 ≤20Bar
速度 ≤20m/sec
温度 -70℃~+260℃

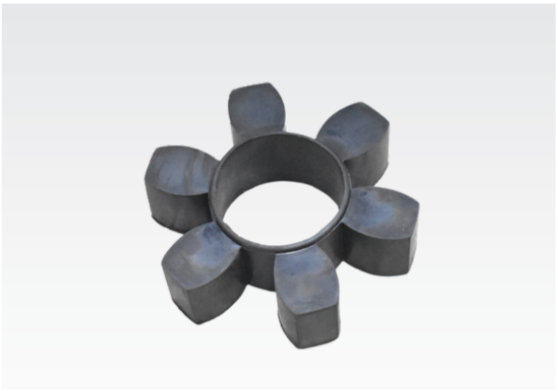
Operating Limits

Pressure:≤20Bar
Speed: 20m/sec
Temperature: -70℃~+260℃

Coupling







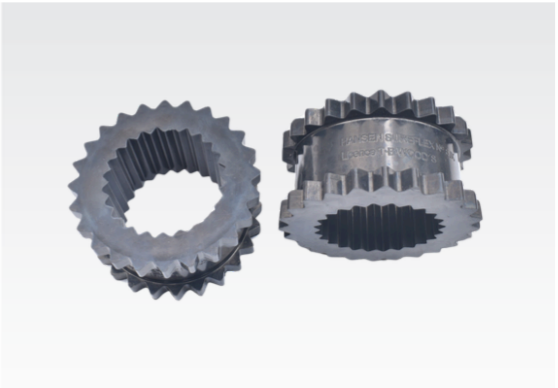


Coupling









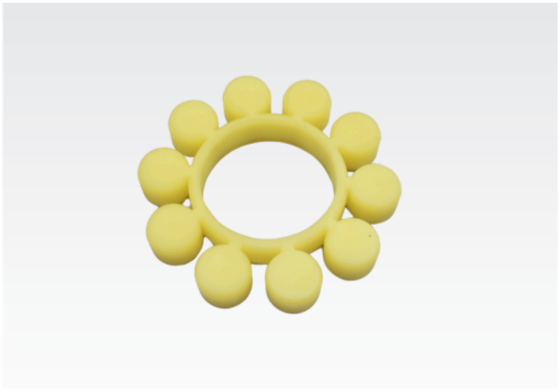








Coupling










Coupling

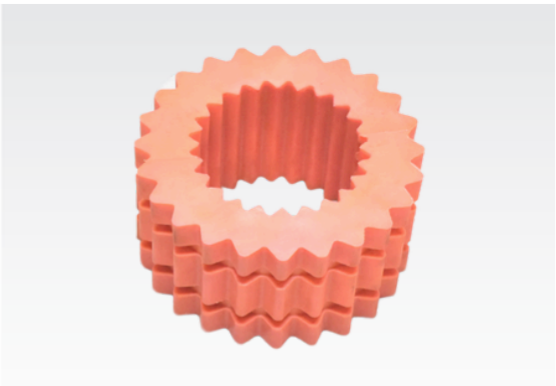


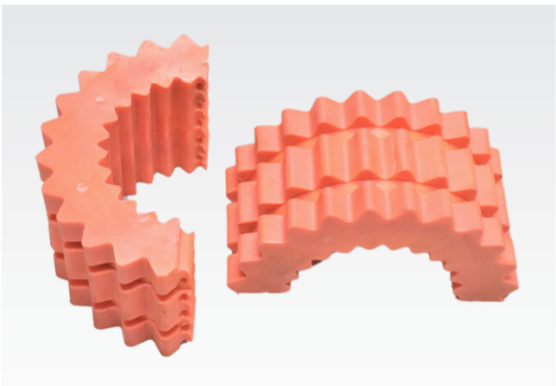






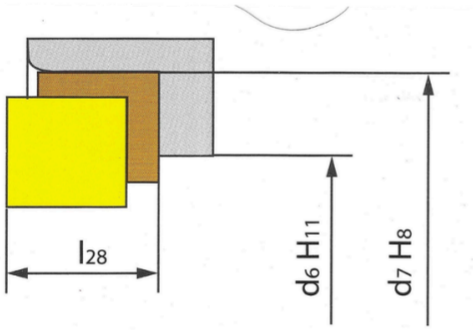




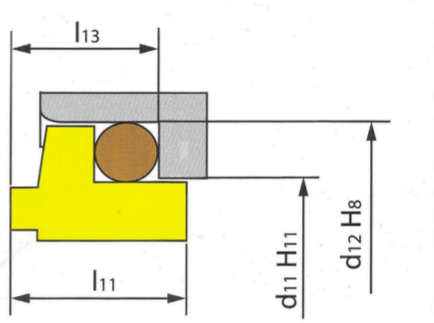




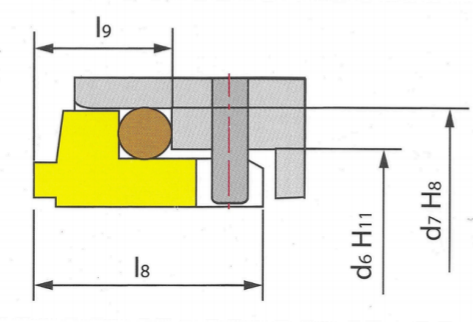
静环 Stationary ring



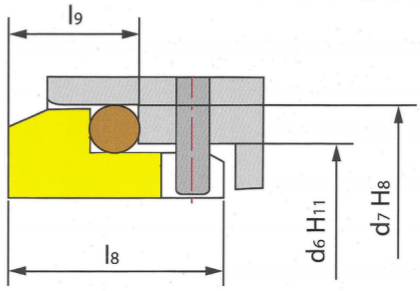
G60



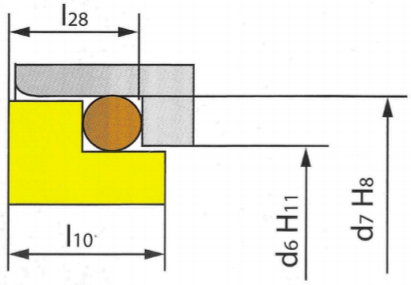
G13



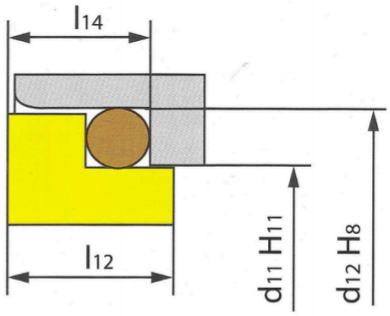
G9(Carbon)



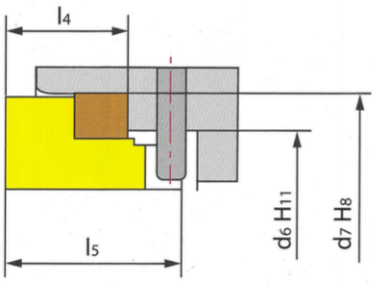
G9



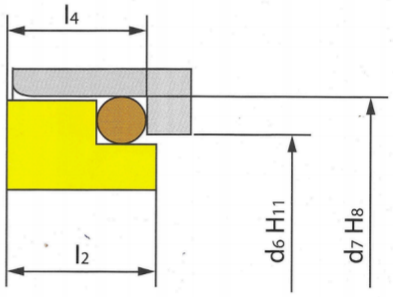
G6



G4



BP



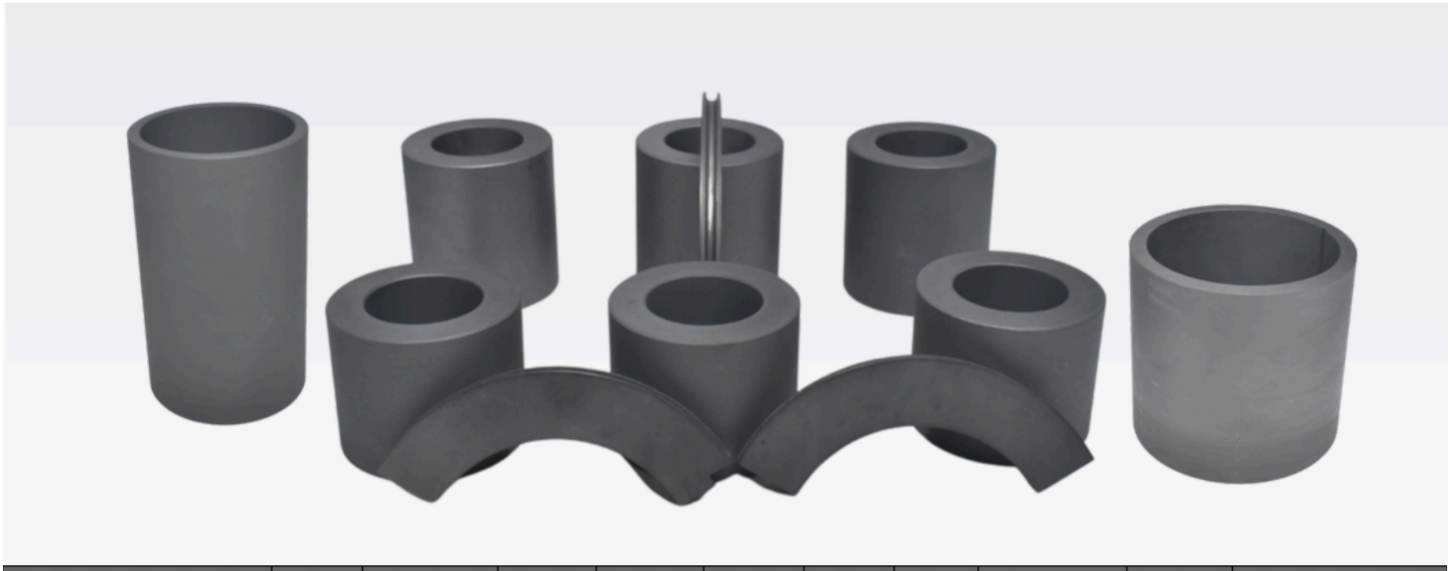
BO

静环尺寸表
Stationary Ring Dimension Data(mm)

Type Shaft	d_6	d_7	G4/G13		B0	B0/BP	BP	G4		G6/G60		G9		G13	
			d_{11}	d_{12}	l_2	l_4	l_5	l_{12}	l_{14}	l_{10}	l_{28}	l_8	l_9	l_{11}	l_{13}
10	17	21	15.5	19.2	\	\	\	7.5	6.6	7.5	6.6	17.5	10.0	9.0	7.1
12	19	23	17.5	21.6	\	\	\	6.5	5.6	7.5	6.6	17.5	10.0	10.0	7.6
14	21	25	20.5	24.6	12.8	12.0	18.5	6.5	5.6	7.5	6.6	17.5	10.0	10.0	7.6
15	\	\	20.5	24.6	\	12.0	\	7.5	6.6	7.5	\	17.5	10.0	11.0	8.6
16	23	27	22.0	28.0	12.8	12.0	18.5	8.5	7.5	7.5	6.6	17.5	10.0	11.5	9.0
18	27	33	24.0	30.0	14.5	13.5	20.5	9.0	8.0	8.5	7.5	19.5	11.5	12.5	10.0
20	29	35	29.5	35.0	14.5	13.5	20.5	8.5	7.5	8.5	7.5	19.5	11.5	12.5	9.5
22	31	37	29.5	35.0	14.5	13.5	20.5	8.5	7.5	8.5	7.5	19.5	11.5	12.5	9.5
24	33	39	32.0	38.0	14.3	13.3	20.3	8.5	7.5	8.5	7.5	19.5	11.5	12.5	9.5
25	34	40	32.0	38.0	14.0	13.0	20.0	8.5	7.5	8.5	7.5	19.5	11.5	12.5	9.5
26	\	\	34.0	40.0	\	\	\	9.0	8.0	8.5	7.5	19.5	11.5	13.0	10.0
28	37	43	36.0	42.0	13.5	12.5	19.5	10.0	9.0	8.5	7.5	19.5	11.5	14.0	11.0
30	39	45	39.2	45.0	13.0	12.0	19.0	11.5	10.5	8.5	7.5	19.5	11.5	14.0	11.0
32	42	48	42.2	48.0	13.0	12.0	19.0	11.5	10.5	8.5	7.5	19.5	11.5	14.0	11.0
33	42	48	44.2	50.0	13.0	12.0	19.0	12.0	10.5	8.5	7.5	19.5	11.5	14.5	11.5
35	44	50	46.2	52.0	13.0	12.0	19.0	12.0	11.0	8.5	7.5	19.5	11.5	14.5	11.5
38	49	56	49.2	55.0	14.0	13.0	20.0	11.3	10.3	10.0	9.0	22.0	14.0	14.5	11.5
40	51	58	52.2	58.0	14.0	13.0	20.0	11.8	10.8	10.0	9.0	22.0	14.0	14.5	11.5
42	\	\	53.3	62.0	14.0	13.0	\	13.2	12.0	10.0	9.0	22.0	14.0	17.0	14.3
43	54	61	53.3	62.0	14.0	13.0	20.0	13.2	12.0	10.0	9.0	22.0	14.0	17.0	14.3
45	56	63	55.3	64.0	14.0	13.0	20.0	12.8	11.6	10.0	9.0	22.0	14.0	17.0	14.3
48	59	66	59.7	68.4	14.0	13.0	20.0	12.8	11.6	10.0	9.0	22.0	14.0	17.0	14.3
50	62	70	60.8	69.3	14.5	13.5	20.5	12.8	11.6	10.5	9.5	23.0	15.0	17.0	14.3
53	65	73	63.8	72.3	14.5	13.5	20.5	13.5	12.3	12.0	11.0	23.0	15.0	17.0	14.3
55	67	75	66.5	75.4	14.5	13.5	20.5	14.5	13.3	12.0	11.0	23.0	15.0	18.0	15.3
58	70	78	69.5	78.4	14.2	13.5	20.5	14.5	13.3	12.0	11.0	23.0	15.0	18.0	15.3
60	72	80	71.5	80.4	14.2	13.5	20.5	14.5	13.3	12.0	11.0	23.0	15.0	18.0	15.3
63	75	83	74.5	83.4	14.2	13.5	20.5	14.2	13.3	12.0	11.0	23.0	15.0	18.0	15.3
65	77	85	76.5	85.4	14.2	13.5	20.5	14.2	13.0	12.0	11.0	23.0	15.0	18.0	15.3
68	81	90	82.7	91.5	14.2	13.5	20.5	14.9	13.7	12.5	11.3	26.0	18.0	19.0	16.0
70	83	92	83.0	92.0	15.2	14.5	21.5	14.2	13.0	12.5	11.3	26.0	18.0	18.0	15.3
75	88	97	90.2	99.0	15.7	14.5	21.5	15.2	14.0	12.5	11.3	26.0	18.0	18.0	15.3
80	95	105	95.2	104.0	15.7	15.0	22.0	16.2	15.0	13.0	12.0	26.2	18.2	19.0	16.3
85	100	110	100.2	109.0	15.7	15.0	22.0	16.0	14.8	15.0	14.0	26.2	18.2	19.0	16.3
90	105	115	105.2	114.0	15.7	15.0	22.0	16.0	14.8	15.0	14.0	26.2	18.2	19.0	16.3
95	110	120	111.6	120.3	15.7	15.0	22.0	17.0	15.8	15.0	14.0	25.2	17.2	20.0	17.3
100	115	125	114.5	123.3	15.7	15.0	22.0	17.0	15.8	15.0	14.0	25.2	17.2	20.0	17.3

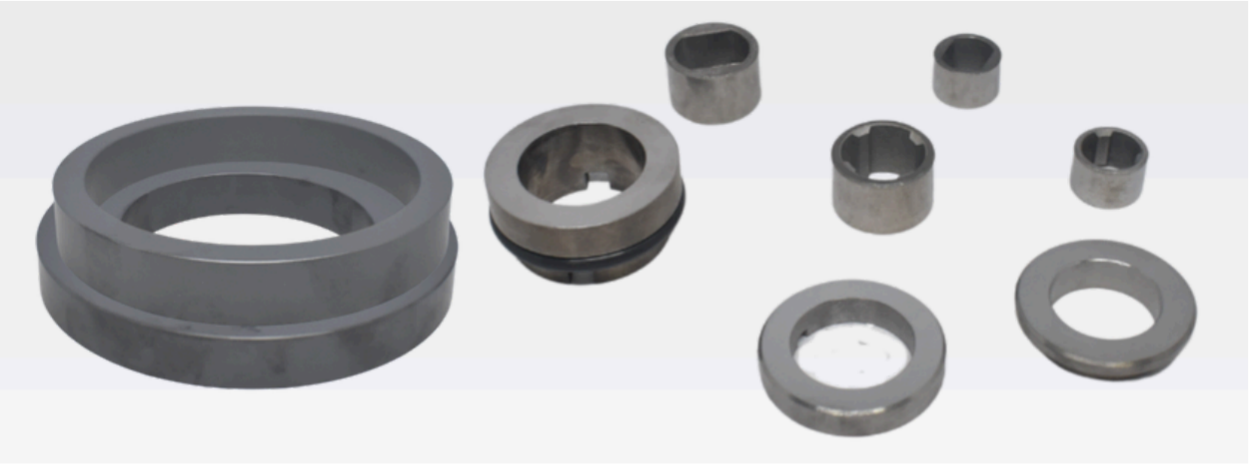
Size of Stationary

石墨 Carbon



类型 Type		牌号 Grade	浸渍材料 Impregnated Material	体积密度 Volume Density	抗折强度 Antiflexural Strength	抗压强度 Compression Strength	肖氏硬度 Shore Hardness	气孔率 Porosity	热膨胀系数 Thermal Expansion Coefficient	使用温度 Temperature	特性 Feature
				g/cm^3	Mpa	Mpa	HS	%	$10^{-6}/℃$	℃	
石墨 Carbon	纯碳石墨 Pure Carbon	M191T	纯碳 Pure Carbon	1.8	100	250	92	1.2	5.5	600	耐酸碱，耐腐蚀，耐高温 Acid-resistant & alkali-resistant & Anti-corrosion and high temperature
	浸渍树脂碳石墨 Impregnated resin carbon	M106K	呋喃树脂 Furane Resin	1.65	65	210	90	2.0	5.5	200	耐酸碱，使用广泛 Acid-resistant & alkali-resistant extensive use
		M120K		1.70	62	180	85	2.0	5.0	200	
		M180K		1.80	80	240	90	1.2	5.5	210	
		M200K		1.82	55	115	55	1.2	4.5	210	
		M106H	环氧树脂 Epoxide Resin	1.65	60	210	85	1.5	4.8	200	耐酸 Alkali-resistant
		M106F	酚醛树脂 Bakelite Resin	1.75	60	200	85	2.0	5.0	200	耐碱 Acid-resistant
	浸渍金属石墨	M106D	浸锑合金 Antimony alloy	2.30	65	220	90	2.0	5.5	350	耐高温，强度高 Anti-high temperature High Strength
		M120D		2.30	60	220	90	2.0	5.5	350	
		M181P	浸铜合金 Bronze alloy	2.40	80	250	75	2.5	6.0	350	耐碱，耐高温，强度高 Alkali resistant and anti-high temperature,high strength
热压石墨 Plastic Carbon	国产粉 China Powder	-	-	1.71	54	147	65	2.9	16.0	100	高润滑性，食品级 High lubricity with FDA certification
	日本进口粉 Japan Powder(FDA)										

碳化硅/碳化钨 Tungsten Carbide/Silicon Carbide



Main Performance Index of Silicon Carbide(SIC)				
item		**unit**	**SIC**	**SSIC**
纯净度/Purity		%	≥90	≥98
密度/Density		g/cm^3	3.05	3.1
肖氏硬度/Shore Hardness		HS	110-125	120-130
弹性模量/Elastic Modulus		Mpa	$4.12*10^5$	$4.10*10^5$
泊松比/Poisson Ratio			0.15	0.16
抗拉强度/Tensile Strength		Mpa	$2.75*10^2$	$2.8*10^2$
抗弯强度/Bending Strength		Mpa	$4.41*10^2$	$4.9*10^2$
抗压强度/Compression Strength		Mpa	$2.94*10^3$	$3.0*10^3$
热导性/Thermal Conductivity		W/m.k	141(W/m.k)	147(W/m.k)
热膨胀系数/Coefficient of Thermal		I/℃	$4.3*10^{-6}$	$4.0*10^{-6}$
抗热性(室温 Heat Resistance)			1600℃	1650℃
热冲击系数/Thermal Impact		cal/cm.sec	46.5	200
耐酸性/Acid Resistance	5 times Higher than the usual TC		耐所有化学性质/Resist all chemical media	

The Corrosion Test Four Materials in Reagent					
测试环境 Test Environment		腐蚀性失重 (mg/cm^2yr) Conosive Agravity			
实际浓度 (Wt%) Reagent Concentration	温度(℃) Temperature	TC (6%钴)	SIC^1 (12%硅)	$SSIC^2$ (无游离硅)	Ceramic (99%)
98% H_2SO_4	100	>1000	55	1.8	65
50% NaOH	100	5	>1000	2.5	75
53% HF	25	8	7.9	<0.2	20
85% H_3PO_4	100	55	8.8	<0.2	>1000
70% HNO_3	100	>1000	0.5	<0.2	7
45% KOH	100	3	>1000	<0.2	60
25% HCL	70	85	0.9	<0.2	72
10% HF+57% HNO_3	25	>1000	>1000	<0.2	16

Main Technology Data of Tungsten Carbide(TC)					
Item		WC-CO	WC-CO	WC-CO	WC-Ni
牌号	Brand No.	YG6	YG6	YG15	YWN8
密度	Density	14.6-15.0	14.5-14.9	13.9-14.2	14.4-14.8
洛氏硬度	HRA	89.5	89.0	87.0	88.0
抗弯强度	Bending Strength	1421	1470	2058	1470
线涨性	Linear Expansivity	5	5.1	6.3	5.3
介质	Medium	Resistant against: Oil, Sewage Water, Weak acid/alkali...			Strong erosive

橡胶部分 Rubber Product



橡胶种类以及特性 Rubber Classification & Features		
橡胶种类 Rubber Type	主要特性及适用范围	Main Feature and Suitable Scope
丁青胶 NBR	耐油，耐压，耐磨，高弹性 用于一般液压和气压密封 不适用于阳光和紫外线下工作 使用温度：-20℃ ~ +120℃	Oil resistant, pressure resistant,wear-resistant, high elasticity Used for general hydraulic and pneumatic sealing Not suitable for working under sunlight and ultraviolet radiation **Operating temperature**: -20 ℃ -+120 ℃
丁基橡胶 HR.	耐化学药品、药剂，适用于磷酸脂类液压油和真空材料;不适于在一般矿物油中使用 使用温度：-50℃ ~ +150℃	Resistant to chemicals and agents, suitable for phosphate ester hydraulic oil And vacuum materials; Not suitable for use in general mineral oils **Operating temperature**: -50 ℃ -+150 ℃
氯丁橡胶 CR.	耐油，耐磨，耐风化，弯折性好； 特别适用于气动机器，用于液压密封时， 只适用于苯胺点高的液压油 使用温度：-40℃ ~ +120℃	Oil resistant, wear-resistant, weather resistant, and has good bending properties; Especially suitable for pneumatic machines, when used for hydraulic sealing, Only applicable to hydraulic oils with high aniline point **Operating temperature**: -40 ℃ -+120 ℃
三元乙丙胶 EPDM	耐化学药品、药剂，适用于磷酸脂类液压油 使用温度：-50℃ ~ +150℃	Resistant to chemicals and agents, suitable for phosphate ester hydraulic oil **Operating temperature**: -50 ℃ -+150 ℃
硅胶 Silicon Rubber	耐热，耐寒性能好，机械强度低，耐磨性抗折性较差；适用耐热耐寒的固定密封件 不适用于高强度工作 使用温度：-80℃ ~ +200℃	Good heat and cold resistance, low mechanical strength, poor wear resistance and bending resistance; Suitable for heat and cold resistant fixed seals Not suitable for high-intensity work **Operating temperature**: -80 ℃ -+200 ℃
氟橡胶 VITON	耐热，耐油，耐药品性好，适用于高温和真空设备使用 使用温度：-30℃ ~ +210℃	Heat resistant, oil resistant, good chemical resistance, suitable for high temperatures and Vacuum equipment usage **Operating temperature**: -30 ℃ -+210 ℃
氢化丁青胶 HNBR	耐汽油，耐氟利昂，耐油，耐酸，耐臭氧耐碱，耐热，耐寒性能好，机械强度高耐磨性好 使用温度：-20℃ ~ +180℃	Resistant to gasoline, fluorine, oil, acid, and ozone Good alkali resistance, heat resistance, cold resistance, and high mechanical strength ,Good wear resistance **Operating temperature**: -20 ℃ -+180 ℃
全氟醚橡胶 FFKM(FFPM)	耐各种恶劣的化学性质 耐化学气体，如氧离子等复杂工况 使用温度：-30℃ ~ +327℃	Resistant to various harsh chemical properties Resistant to chemical gases, such as oxygen ions, and other complex working conditions **Operating temperature**: -30 ℃ -+327 ℃

机械密封安装、使用要求Fixing and applying directions of mechanical seal

机械密封是高精密的机械设备部件。它的性能和寿命与主机的操作条件、主机精度及密封的安装有极大的关系。因此，在使用时必须注意以下几点:
一、装配前注意事项
1.必须查阅被安装的机械密封是否适用你的使用工况及适用范围。当输送介质温度偏高，过低:速度过高、过低:压力过高或真空以及含有杂质颗粒、易燃、易爆、有毒时、必须选用平衡型,双端面,多端面等密封形式，并采取相应的阻封、冲洗、冷却,过滤等措施。
2.应仔细阅读机械密封产品样本或装配图，检查密封型号与要求的型号是否相符,辅助密封圈尺寸公差是否合适、摩擦副表面是否光滑平整等,保证机械密封安装尺寸及允差。
3.检查有关的危险标记,检查轴和腔体上重要的轴向，径向尺寸公差的精确性。密封胶体内径与密封件最大外径的单边间隙必须大于1毫米。
4.检查设备的精度。设备密封轴与密封腔的垂直度不大于0.06毫米;轴的径向窜动量不大于0.04毫米;轴向窜动量不大于0.1毫米

Mechanical seals are high-precision mechanical equipment components. Its performance and lifespan are closely related to the operating conditions, precision, and sealing installation of the host. Therefore, the following points must be noted when using:
（1）Precautions before assembly
1. It is necessary to check whether the installed mechanical seal is suitable for your operating conditions and scope of application. When the temperature of the conveying medium is too high or too low, or the speed is too high or too low, or the pressure is too high or the vacuum is too high, or it contains impurities, flammable, explosive, toxic particles, it is necessary to use balanced, double end, multi end and other sealing forms, and take corresponding measures such as blocking, flushing, cooling, filtering, etc.
2. Carefully read the sample or assembly drawing of the mechanical seal product, check whether the seal model matches the required model, whether the size tolerance of the auxiliary seal ring is appropriate, whether the friction pair surface is smooth and flat, etc., to ensure the installation size and tolerance of the mechanical seal.
3. Check the relevant hazard markings and verify the accuracy of important axial and radial dimensional tolerances on the shaft and cavity. The unilateral gap between the inner diameter of the sealing gel and the maximum outer diameter of the seal must be greater than 1 millimeter.
4. Check the accuracy of the equipment. The perpendicularity between the equipment sealing shaft and the sealing chamber shall not exceed 0.06 millimeters; The radial displacement of the shaft shall not exceed 0.04 millimeters; Axial displacement not exceeding 0.1 millimeters

二、禁配注意事项
1.装配过程应在干燥、无尘、清洁的工作环境下进行，保持密封腔部位及密封件清洁干净。
2.为了减少磨擦阻力,在安装时，与辅助密封件接触表面涂一曾清洁的润滑油或油脂，但必须注意当选用乙丙橡胶作辅助密封件时，切勿与矿物油或脂类相接触，，可用水或肥皂水清洁和润滑。
3.对弹簧作传动的机械密封，必须注意弹簧的旋向。一般是从静止环背部向旋转环方向看，顺时针旋转的轴需向右旋弹簧，反之则选用左旋弹簧
4.弹簧工作高度必须达到产品样本或装配图所示的安装高度
5.在安装过程中严禁磕碰，敲打密封。密封件装配完毕，更不能敲击、撞击轴、轴套、密封端盖等，以免使机械密封摩擦副破损从而导致密封失效。

三、密封安装
1.必须将密封腔空气完全排尽，尤其是带液封的双端面机械密封，更应注意排气。重新开车时，应先开稀入阀门，待液体（介质）进入密封腔后再开电机。对有结晶的介质，在重新开车启动时，应先把密封面，弹簧等相关结构件上的结晶物用冲洗液冲洗干净后再开车。
2.设备启动前，检查转轴阻力手感应正常均匀，不允许发生卡滞的现象
3.设备运转前，密封腔必须充满介质，保持良好润滑，严谨干摩擦，导致密封失效

2、Prohibited precautions
The assembly process should be carried out in a dry, dust-free, and clean working environment, keeping the sealing chamber and sealing components clean.
2. In order to reduce frictional resistance, apply a clean lubricant or grease on the contact surface with the auxiliary seal during installation. However, it must be noted that when using ethylene propylene rubber as the auxiliary seal, do not come into contact with mineral oil or grease, and can be cleaned and lubricated with water or soapy water.
3. When using mechanical seals for spring transmission, attention must be paid to the rotation direction of the spring. Generally, when viewed from the back of the stationary ring towards the direction of the rotating ring, the axis rotating clockwise should be directed towards the right-handed spring, while the axis rotating counterclockwise should be directed towards the left-handed spring
4. The working height of the spring must reach the installation height shown in the product sample or assembly drawing
5. It is strictly prohibited to bump or knock on the seal during installation. After the sealing components are assembled, they should not be knocked or impacted on the shaft, shaft sleeve, sealing end cover, etc., in order to avoid damaging the mechanical seal friction pair and causing seal failure.
3、Sealed installation
1. It is necessary to completely exhaust the air in the sealed chamber, especially for double end mechanical seals with liquid seals, and attention should be paid to exhaust. When restarting, the dilution valve should be opened first, and the motor should be turned on after the liquid (medium) enters the sealed chamber. For media with crystals, when restarting, the crystals on the sealing surface, springs, and other related structural components should be washed clean with flushing solution before starting the vehicle.
2. Before starting the device, check that the resistance of the shaft is normal and even, and that there is no jamming phenomenon allowed
Before the equipment is operated, the sealing chamber must be filled with medium, maintained with good lubrication, and subjected to rigorous dry friction to prevent seal failure

Mechanical Seal

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