



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、阿法拉阀、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 ₂ O ₃	氧化铝99.7%	Ceramic(Al-Oxide) 99.7%
	V ₂	97.5%AL ₂ O 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	



FS-A-L20



FS-B-L28



FS-E-U22S



FS-G-U20S



FS-J-L25



FS-J-U25



FS-K-L35



FS-C-U22



FS-K-U35



FS-S-U90



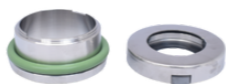
FS-M-L35S



FS-M-U35



FS-N-U45



FS-O-L45



FS-O-U45



FS-N-L35



FS-P-L60



FS-Q-L60



FS-Q-U60



FS-S-L80



FS-P-U60



FS-R-U60



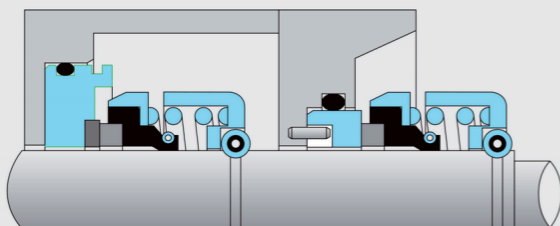
FS-R-L60



FS-Z-L24

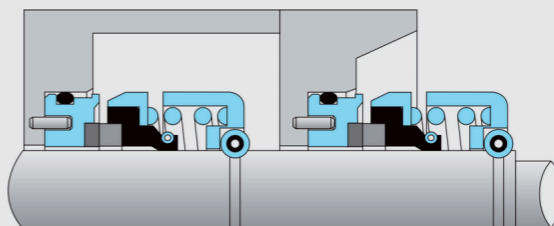
Flygt Pump Model	Shaft size	Upper Seal	Lower Seal
3085.091,3085.120,3085.170,3085.171,3085.181 3085.181,3085.280,3082.290,3085.890	20mm	FS-G-U-20	FS-G-L-20 / FS-H-L20
3101	28mm	FS-B-U28	FS-B-L28
3102	25mm	FS-J-U25	FS-J-L25
3126.90,3126.180	35mm	FS-K-U35	FS-K-L35
3126.91, 3126.280, 3126.290	35mm	FS-K-U35	FS-M-L35
3126.181, 3127	35mm	FS-M-U35	FS-M-L35
3140, 3152	45mm	FS-O-U45	FS-O-L45
3170, 3201	60mm	FS-Q-U60	FS-Q-L60
3200	60mm	FS-P-U60	FS-P-L60
3230, 3300.91, 3300.181, 3300.280, 3300-980, 3305	90mm	FS-S-U90	FS-S-L90
3310,3311,3312,3350,3351	90mm~120mm	FS-S-U90	FS-T-L120
3355,3356,3357	90mm	FS-S-U90	FS-S-L90
3500,3501,3530,3531,3600,3601,3602	90mm~120mm	FS-S-U90	FS-T-L120
4351,4352,4400	20mm	FS-G-U20	FS-H-L20
4410,4430	60mm	/	FS-Q-L60
4440,5530	35mm	FS-M-U35	FS-M-L35
4650,4660	45mm	FS-O-U45	FS-O-L45
4670,4680,7045	60mm	FS-Q-U60	FS-Q-L60
7050, 7051, 7055, 7060, 7061, 7076, 7556	90mm	FS-S-U90	FS-S-L90
7080, 7115	90mm~80mm 90mm~120mm	FS-S-U90	FS-S-L80 / FS-T-L120
7570, 7585	90mm~120mm	FS-S-U90	FS-T-L120
Grindex Maior, Master, Matador,Midi,Minette,Salvador	25mm~24mm	FS-Z-U25	FS-Z-L24
Grindex Maxi	45mm	FS-O-U45	FS-N-L45
Ready Models 4 8 12 & 16	15mm	FS-D-U15	/
Ready 24	20mm	FS-A-U20	FS-A-L20
Ready 90	28mm	FS-I-U28	FS-I-L28
Steady 7	20mm	FS-G-U20	FS-G-L20
600	60mm	FS-Q-U60	FS-Q-L60
605, 615, 665, 670, 680	90mm~80mm	FS-S-U90	FS-S-L80
705, 715, 720, 721, 735, 745, 760, 765, 770, 775	90mm~80mm 90mm~120mm	FS-S-U90	FS-S-L80 / FS-T-L120
820, 840, 841, 860, 880, 881, 900	90mm~80mm 90mm/120mm	FS-S-U90	FS-S-L80 / FS-T-L120
2004, 2008,2012, 2016	15mm	FS-D-U15	/
2024	20mm	FS-A-U20	FS-A-L20
2050, 2052	15mm	FS-D-U15	/
2060	20mm	FS-G-U20	FS-G-L20
2066	20mm	FS-A-U20	FS-A-L20
2070	22mm	FS-E-U22	FS-E-L22
2071	22mm	FS-E-U22	FS-E-L22
2075	20mm	FS-A-U20	FS-A-L20
2082, 2090, 2125, 2140	28mm	FS-I-U28	FS-I-L28
2084, 2135	35mm	FS-K-U35	FS-K-L35
2101	20mm	FS-A-U20	FS-A-L20
2102-40	22mm	FS-E-U22	FS-E-L22
2151-10	35mm	FS-K-U35	FS-K-L35
2151-11, 2151-50	35mm	FS-K-U35	FS-L-L35
2201-10, 2201-320, 2201-430, 2201-480	45mm / 35mm	FS-O-U45	FS-K-L45
2201-590, 2201-690	45mm	FS-O-U45	FS-O-L45
2201-11HT or MT	45mm	FS-N-U45	FS-N-L45
2201-11LT	45mm	FS-O-U45	FS-N-L45
2250, 2290	60mm	FS-P-U60	FS-P-L60
2400	60mm	FS-R-U60	FS-R-L60
3041-281	20mm	FS-G-U20	FS-G-L20
3057	20mm	FS-G-U20	FS-H-L20
3057-180, 3060	20mm	FS-G-U20	FS-G-L20
3065	20mm	FS-A-U20	FS-A-L20
3067-170, 3067-250, 3068	20mm	FS-G-U20	FS-G-L20
3080	20mm	FS-A-U20	FS-A-L20
3082	22mm	FS-E-U22	FS-E-L22

FS-A-U20& FS-A-L20



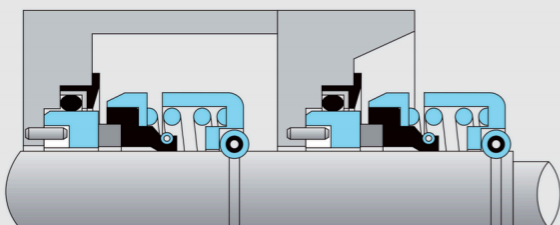
(2024/2066/2075/2101/3065/3080/Ready 24)

FS-B-U28& FS-B-L28



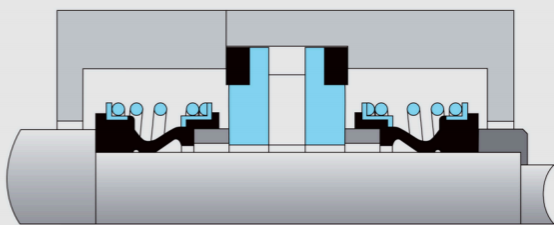
(3101)

FS-C-U22& FS-C-L22



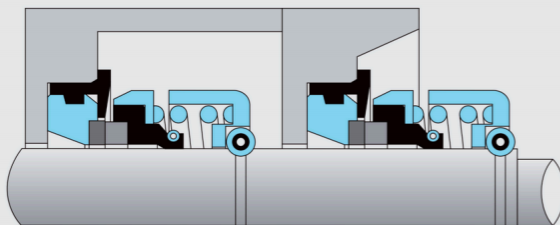
(2040/2102-210/2102-041/2102-220/Ready 40/Ready 56)

FS-D15-Double Seal



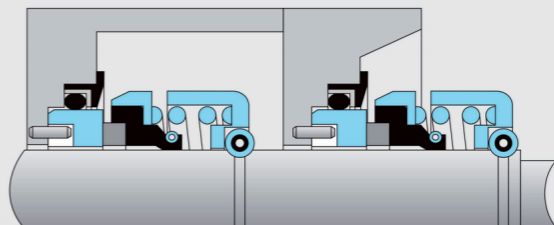
(2004/2008/2012/2016/2050/2052/Ready 8/Ready 12/Ready 16)

FS-E-U22&FS-E-L22



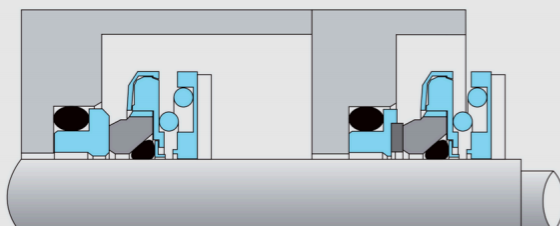
(2070/2102-040/3082)

FS-F-U-22&FS-F-L22



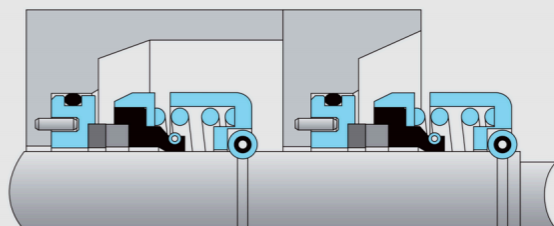
(2040/2071/2102-210/2102-041/2102-220/Ready 40/Ready 56)

FS-G-U20&FS-G-L20



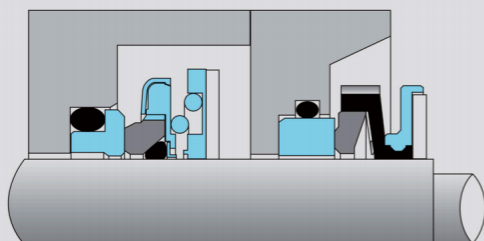
(2060/3041-171/3041-180/3041-281/3057/3060/3066/3067-890/3067-690/3067-590/
3067-250/3067-170/3067-090/3067-180/3068/3085-091/3085-092/3085-120/3085-170/
3085-171/3085-172/3085-180/3085-181/3085-182/3085-890/3085-891/Steady 7)

FS-I-U-28&FS-I-L28



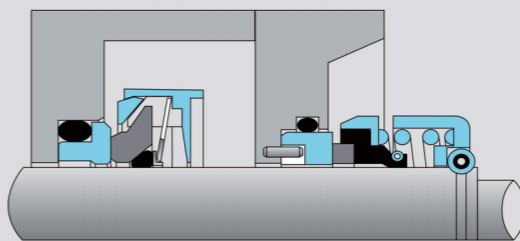
(2082/2090/2125/2140/Ready 90)

FS-G-U20 & FS-H-L20 Late Design

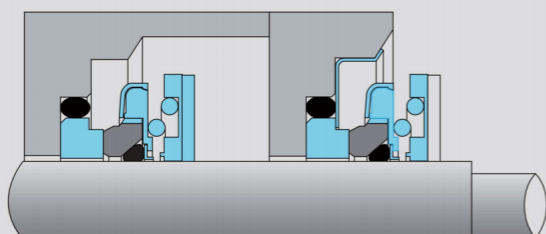


(3041-171/3041-180/3057/3066/3067-890/3067-690/3067-590/3067-090/3067-180/3085-290/3085-280/
3085-092/3085-120/3085-170/3085-171/3085-172/3085-180/3085-181/3085-182/3085-891/4351/4352/4400)

FS-G-U20&FS-H-L20 Early Design

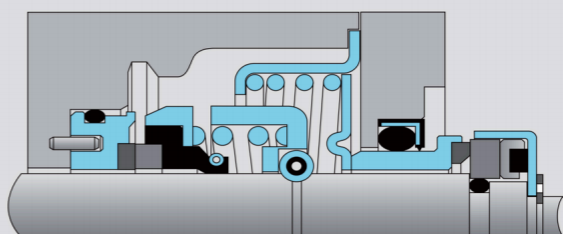


FS-J-U25&FS-J-L25



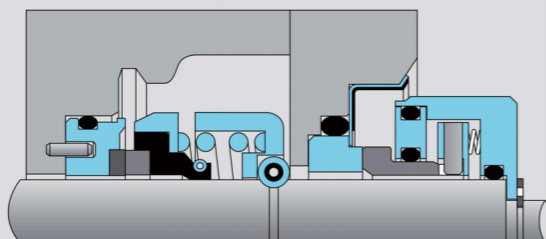
(3102)

FS-K-U35&FS-K-L35



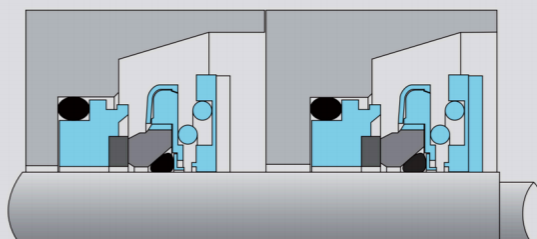
(2151-010/3126-090/3126-180)

FS-K-U35&FS-L-L35



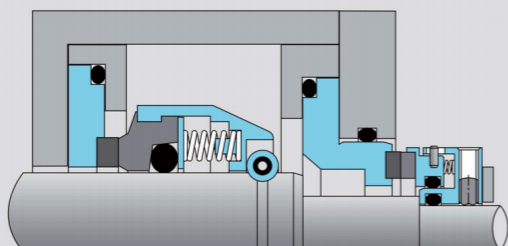
(2084/2135/2151-011/2151-050)

FS-M-U35&FS-M-L35



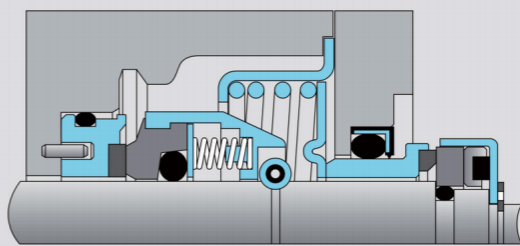
(3126-181/3127/4440/5530)

FS-N-U45&FS-N-L45



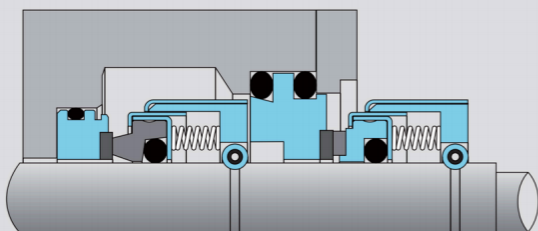
(2201-430/2201-320/2201-480/2201-590/2201-690)

FS-O-U45&FS-O-L45



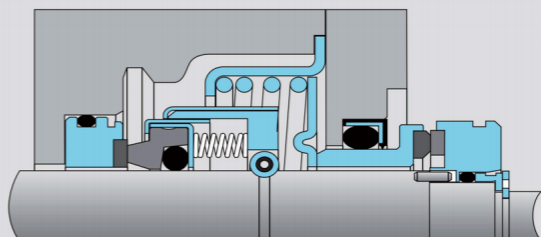
(2201-011LT/3140/3152/4650/4660)

FS-P-U60&FS-P-L60



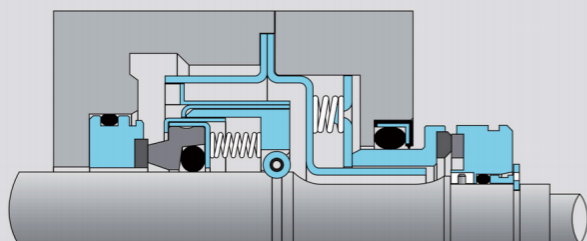
(2250/2290/3200)

FS-Q-U60&FS-Q-L-60



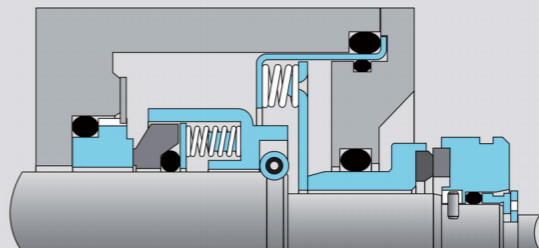
(600/3170/3201/4670/4680/7045)

FS-R-U60&FS-R-L60



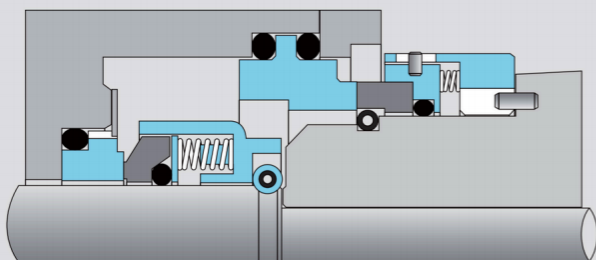
(2400)

FS-S-U90&FS-S-L-80



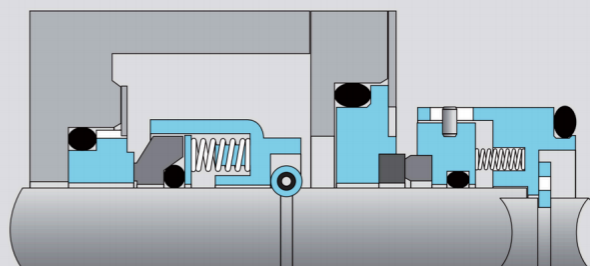
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FS-S-U90&FS-T-L120



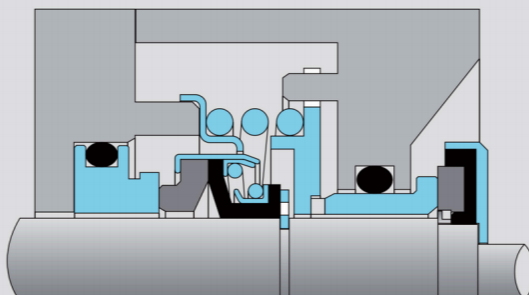
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FS-S-U90&FS-U-L90

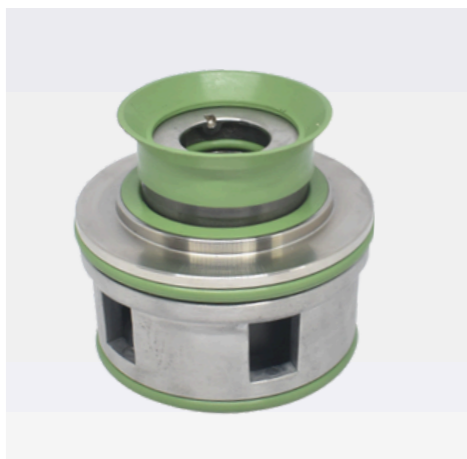


(705/715/720/721/735/745/760/765/770/775/820/840/841/
860/880/881/900/3400/7081/7101)

FS-Z-U25&FS-Z-L24



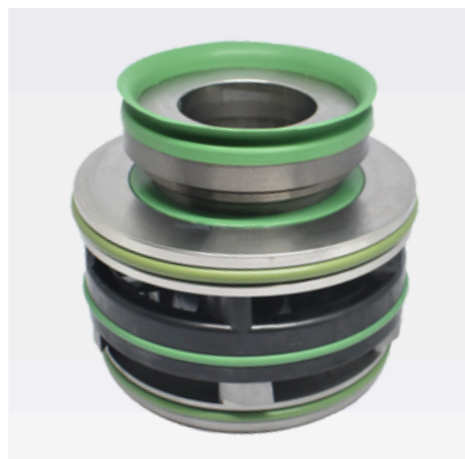
(Grindex Maior, Master, Matador, Midi, Minette, Salvador)



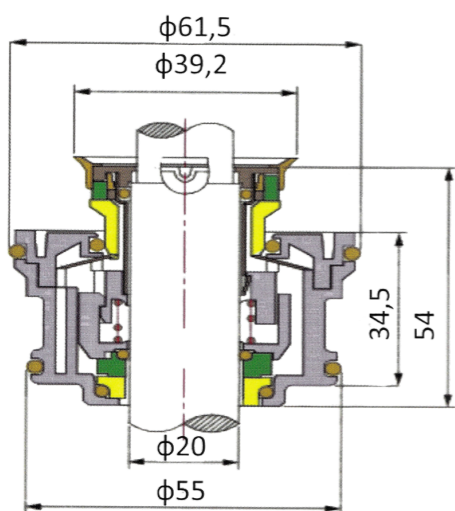
FS-20



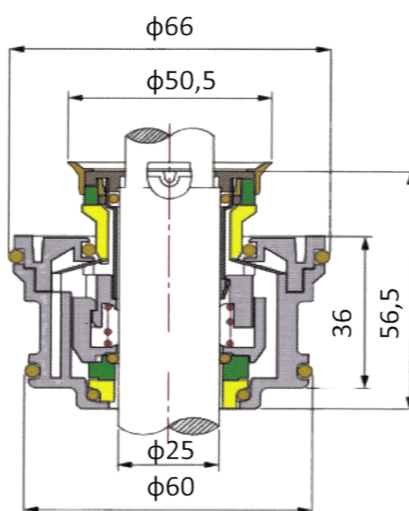
FS-35



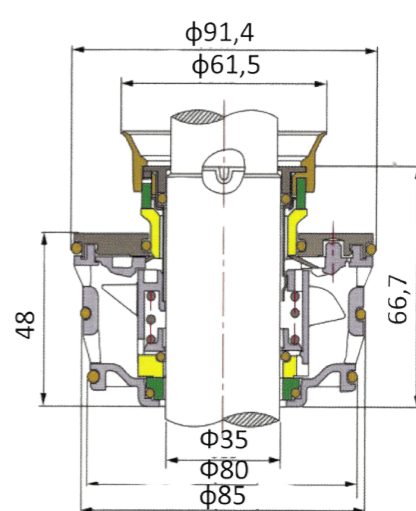
FS-45



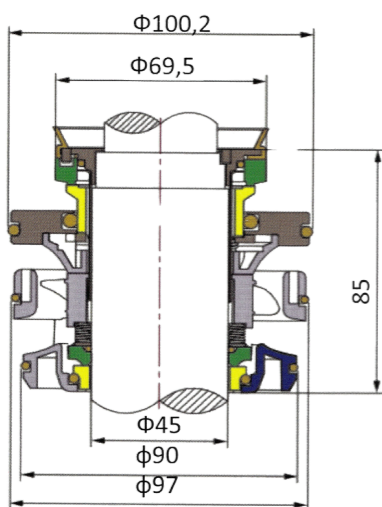
HT-Flygt-20



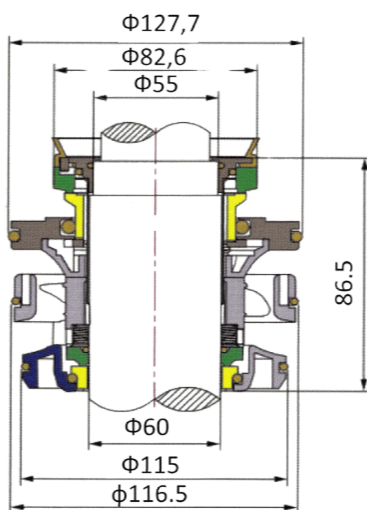
HT-Flygt-25



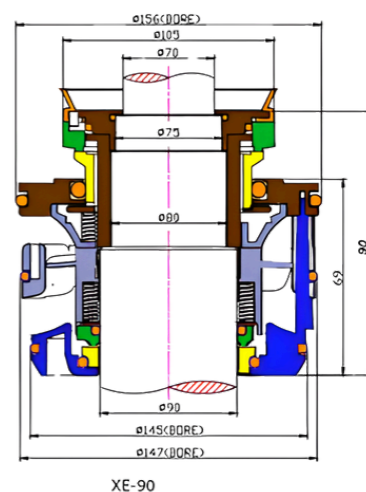
HT-Flygt-35



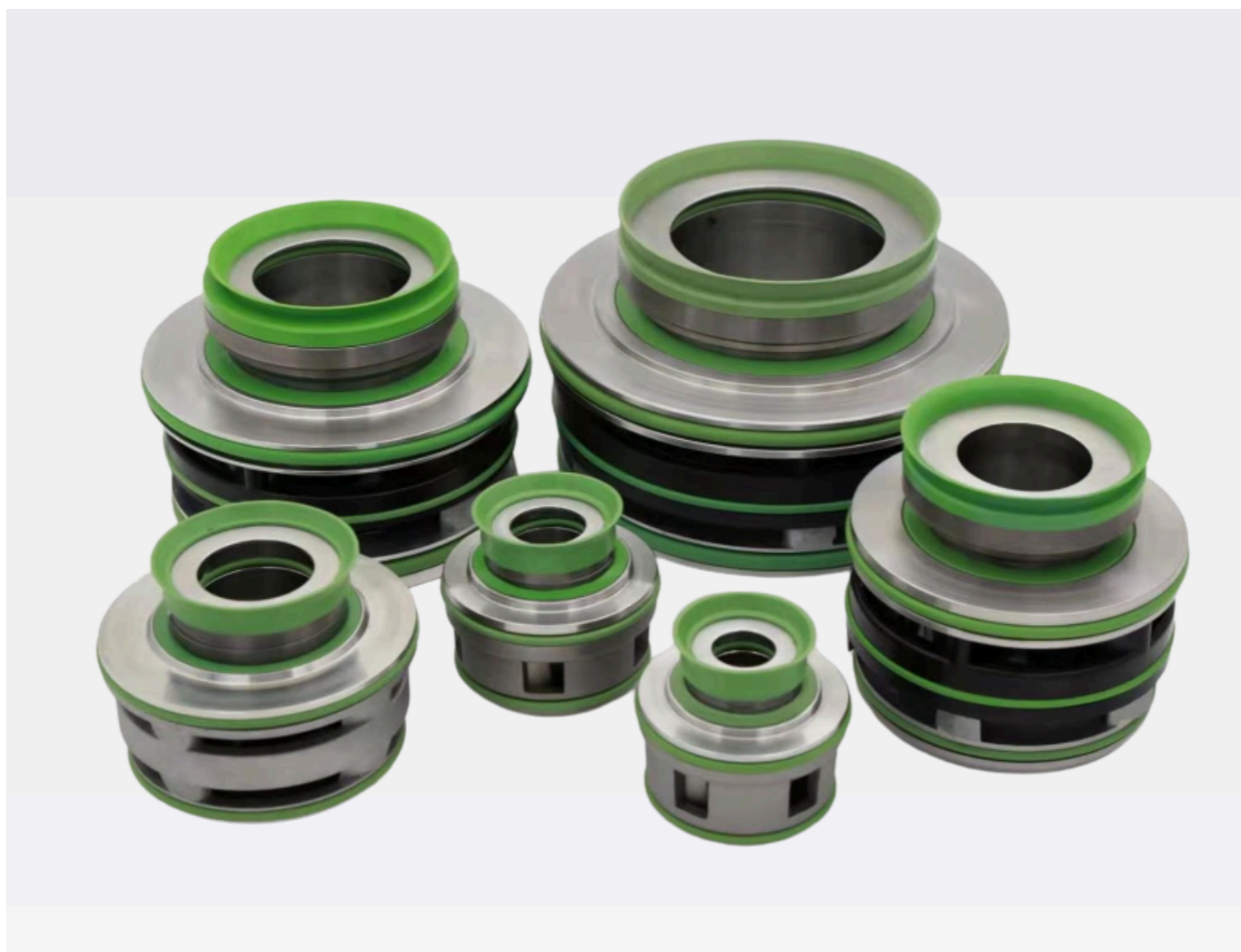
HT-Flygt-45



HT-Flygt-60



HT-Flygt-90



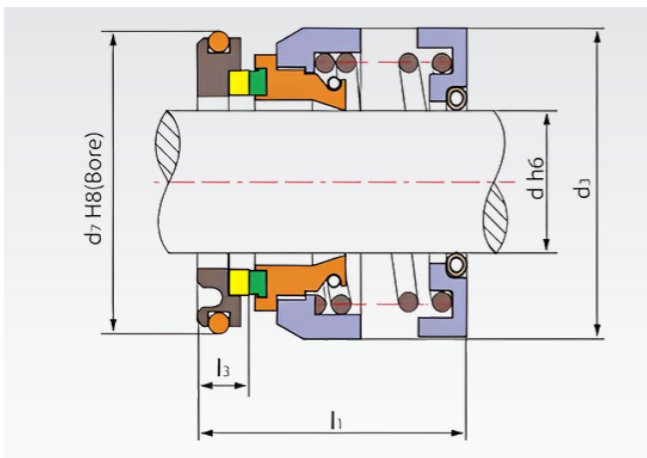
Xylem Flygt Pump	Shaft size	Seal Code
2610、2620、2630、2640、4610 & 4620	20mm	FS-20
2660 4630 & 4640	25mm	FS-25
2670 3153 5100.210 5100.211 5100.220 & 5100.221	35mm	FS-35
3171 4650 4660 5100.250 5100.251 5100.260 & 5100.261	45mm	FS-45
3202 4670 4680 5100.300 5100.310 5150.300 & 5150.310	60mm	FS-60
3301 5150.350 & 5150.360	90mm	FS-90



Xylem Flygt Pump	Shaft size	Seal Code
2610、2620、2630、2640、4610 & 4620	20mm	FSVC20
2660 4630 & 4640	25mm	FSVC25
2670 3153 5100.210 5100.211 5100.220 & 5100.221	35mm	FSVC35
3171 4650 4660 5100.250 5100.251 5100.260 & 5100.261	45mm	FSVC45
3202 4670 4680 5100.300 5100.310 5150.300 & 5150.310	60mm	FSVC60
3301 5150.350 & 5150.360	90mm	FSVC90



HT-X

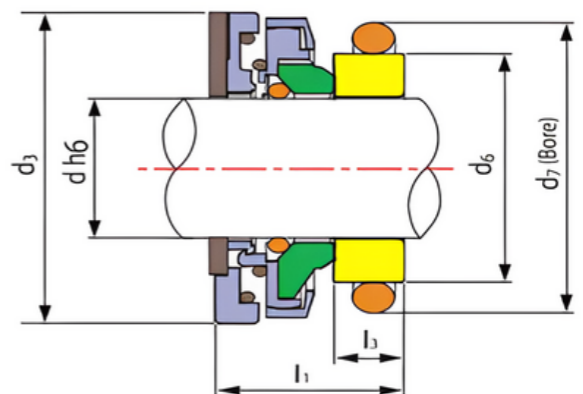
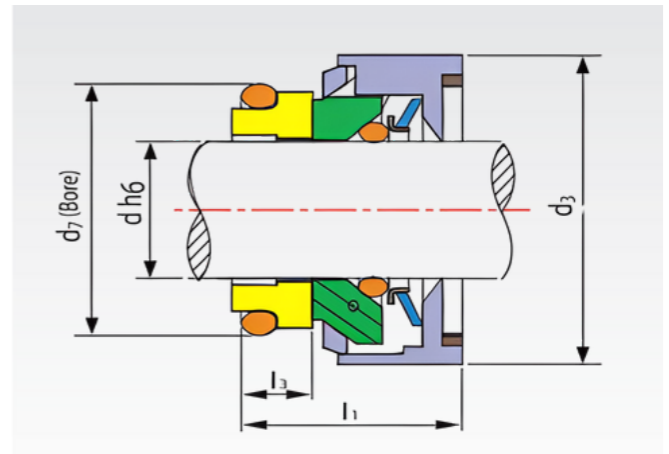


- Rotary Ring: (SIC/TC)
- Staric Ring: (SIC/TC)
- Secondary Seal: (NBR/EPDM/VITON)
- Spring and other: (304/316)
- Tension Spring(SUS321)
- Spring Cover(Bakelite/ALuminum alloy)

Seal Size	d3	d7	l1	l3
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	l1	l3
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**

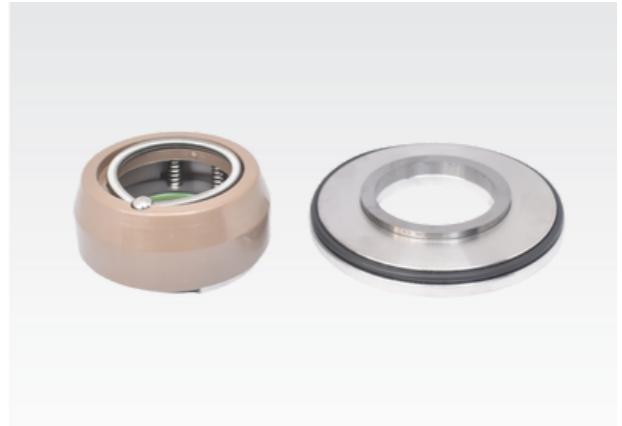
FS-R-U60



- 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

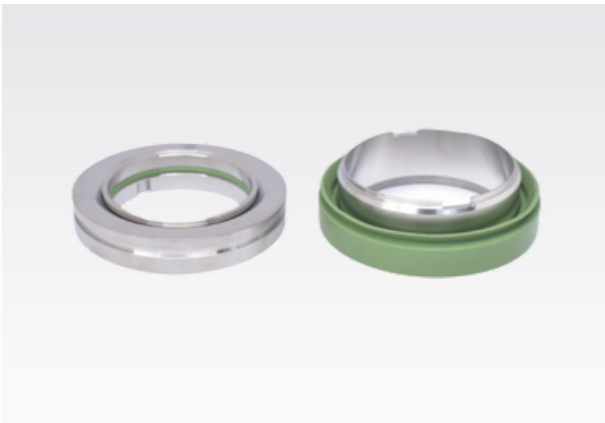
FS-N-U45



- 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

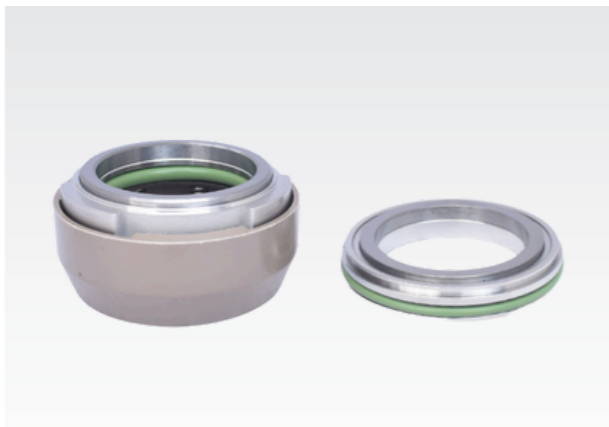
FS-N-L35



- 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**

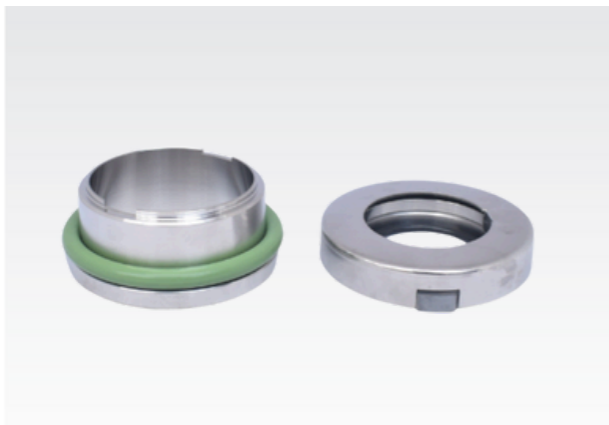
FS-S-L80



- 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

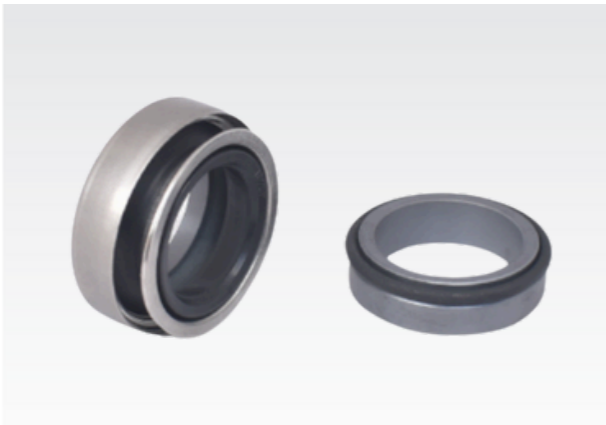
FS-W-U105



- 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

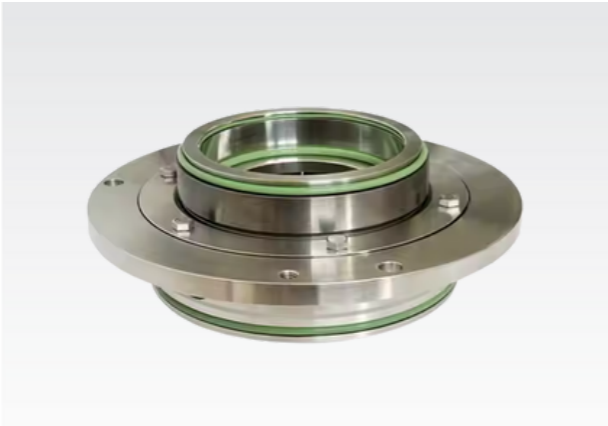
FS-W-L105



- 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

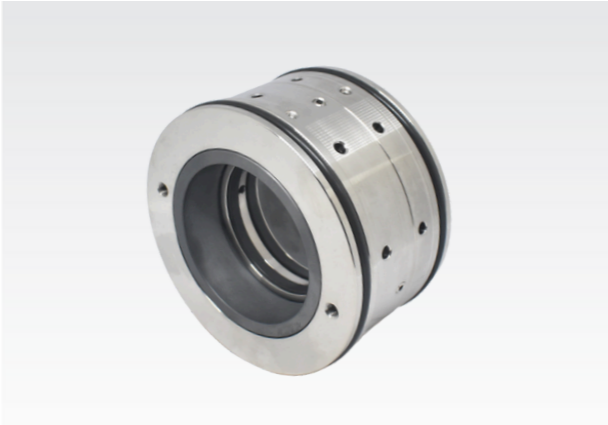
FS-T-L120



- 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

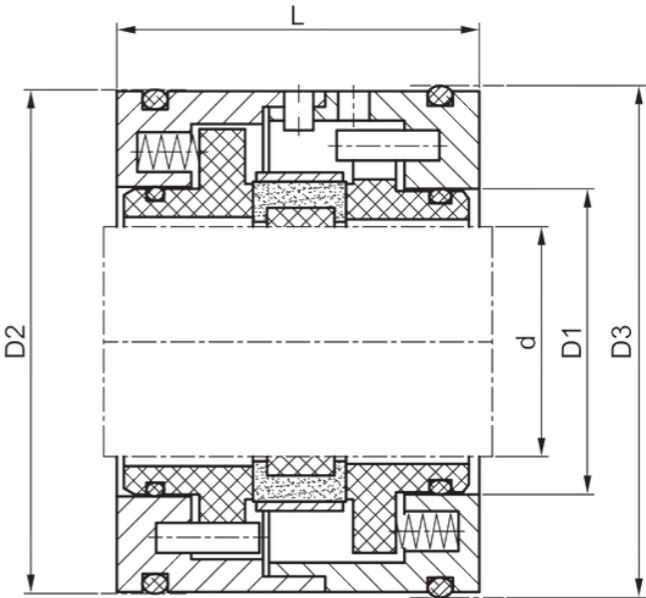
HT EMU



- 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