



LS15

Air Drive Diaphragm Pump

气动隔膜泵

Quality Control System ISO9001 Certified

ISO9001 质量控制体系认证

Environmental Management System ISO14001 Certified

ISO14001 环境管理体系认证

Explanation of Pump Nomenclature 泵的术语解释

LS15 Air Drive Diaphragm Pump LS15 气动隔膜泵

MODEL 型号	SIZE(DN) 口径	HOUSING MATERIAL 外腔体材质	INTERMEDIATE MATERIAL 中间体材质	DIAPHRAGM MATERIAL 膜片材质	VALVE SEAT MATERIAL 阀座材质	VALVE BALL MATERIAL 阀球材质	OTHER 其他
LS15 AA-AA-SP-SP-SP-00	15	AA	AA	SP	SP	SP	00
LS15 AA-AA-T/S-TT-TT-00	15	AA	AA	T/S	TT	TT	00
LS15 SS-AA-SP-SP-SP-00	15	SS	AA	SP	SP	SP	00
LS15 SS-AA-T/S-TT-TT-00	15	SS	AA	T/S	TT	TT	00

SIZE(DN)

口径

15=1/2"

HOUSING MATERIAL

外腔体材质

AA= aluminium alloy 铝合金

SS= stainless steel 不锈钢

CS= carbon steel 碳钢

DIAPHRAGM MATERIAL

膜片材质

SP= santoprene 三道橡胶

T/S= teflon/santoprene 特氟龙/三道橡胶

NE= neoprene 氯丁橡胶

BN= NBR 丁晴橡胶

VT= fluororubber 氟橡胶

INTERMEDIATE MATERIAL

中间体材质

AA= aluminium alloy 铝合金

VALVE SEAT MATERIAL

阀座材质

PP= Polypropylene 聚丙烯

TT= teflon 特氟龙

SS= stainless steel 不锈钢

SP= santoprene 三道橡胶

NE= neoprene 氯丁橡胶

BN= NBR 丁晴橡胶

VT= fluororubber 氟橡胶

VALVE BALL MATERIAL

阀球材质

SP= santoprene 三道橡胶

NE= neoprene 氯丁橡胶

TT= teflon 特氟龙

BN= NBR 丁晴橡胶

VT= fluororubber 氟橡胶

SS= stainless steel 不锈钢

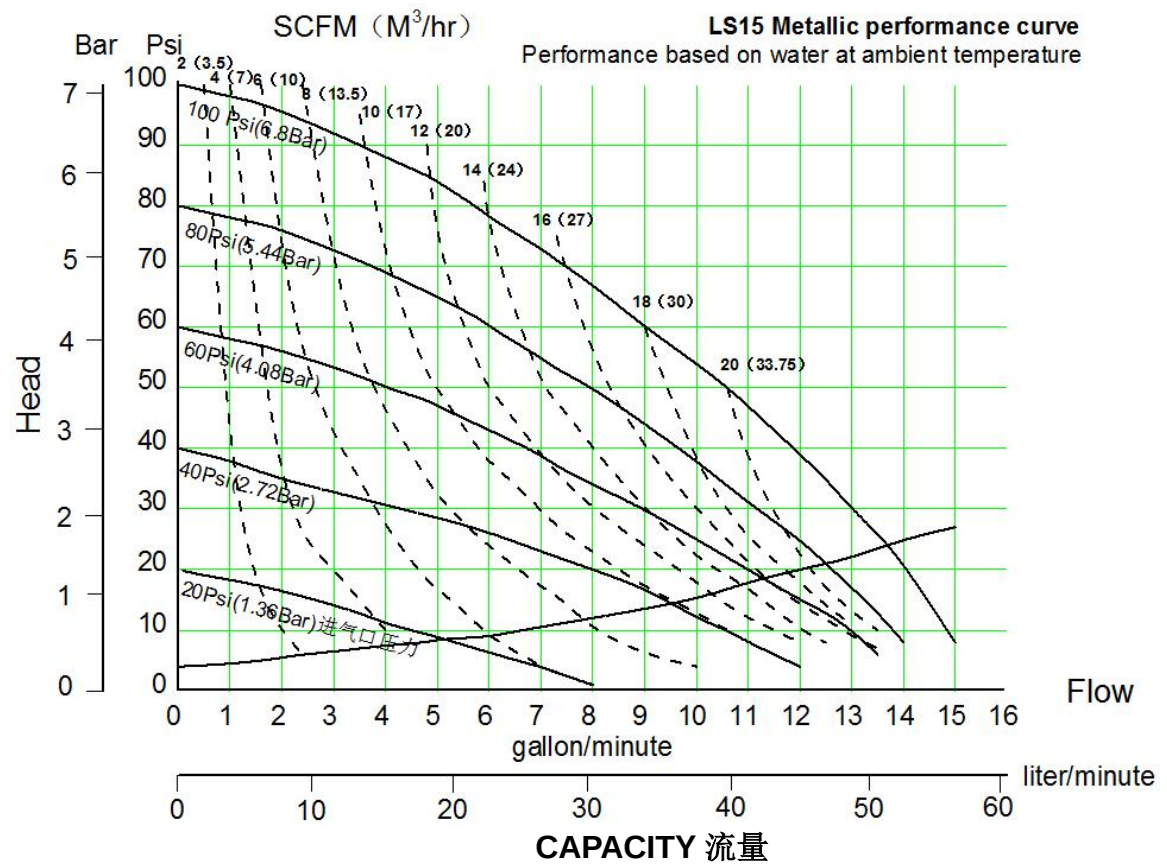
OTHER 其他

00=BSPT connection BSPT 内螺纹接口

01=NPT connection NPT 内螺纹接口

0F=Flange connection 法兰接口

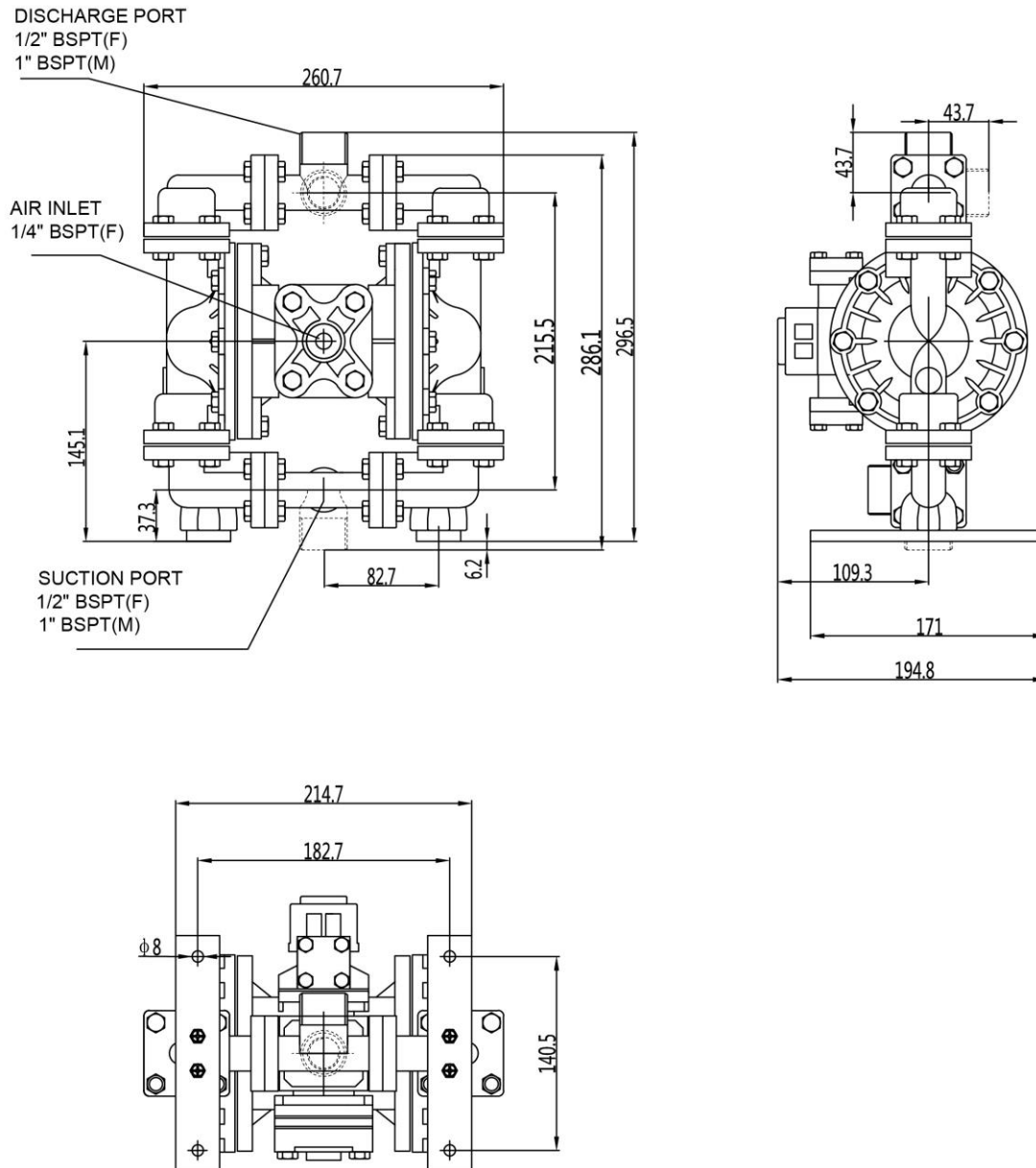
Engineering, Performance & Construction Data 性能曲线



Skylink Pumps are Designed to be Powered Only by Compressed Air
斯凯力气动隔膜泵仅以压缩空气为动力

SUCTION/DISCHARGE 进出口	CAPACITY 流量	AIR VALVE 气阀	SOLIDS-HANDLING 输送最大颗粒	HEADS UP TO 最大工作流体压力	DISPLACEMENT 单次循环排量	WEIGHT(kg) 重量	
Rc1/2" (R1") Threaded port Rc1/2" (R1") 螺纹接口	57 lpm (max) 57 升/分钟 (最大)	No-lube, no-stall 无润滑, 无死点	1/8" / 3mm (max) 1 分/3 毫米 (最大)	125 psi / 8.6bar of water 125PSI/8.6bar 水压	0.04gallon / 0.15 liter 0.04 加仑/0.15 升	8(AL) 铝合金 8 公斤	10(CS/SS) 碳钢/不锈钢 10 公斤

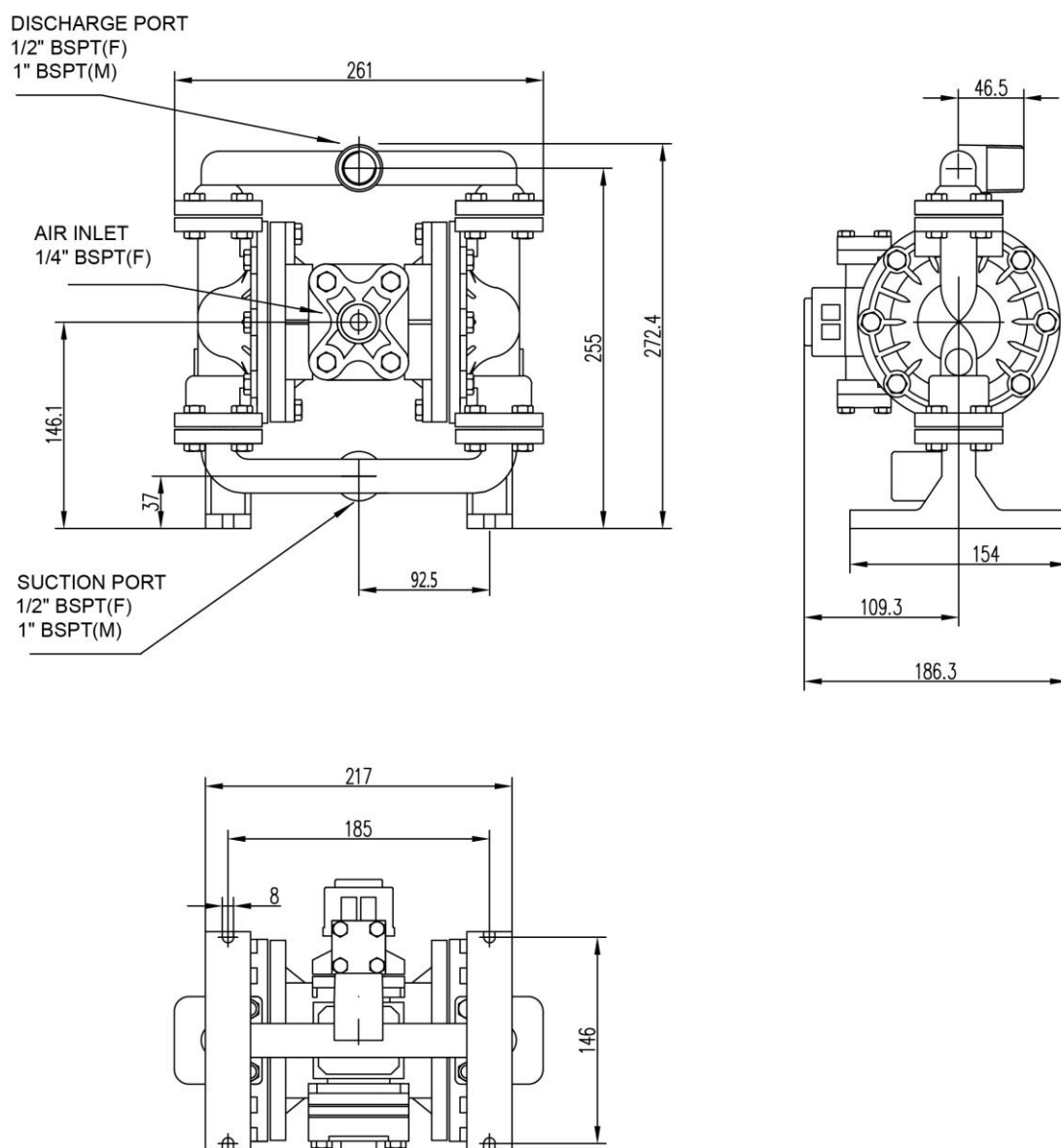
Dimension 尺寸图



Aluminium Alloy (Housing Material)

铝合金（腔体材质）

BSPT Connection BSPT 接口



Stainless Steel (Housing Material)

不锈钢（腔体材质）

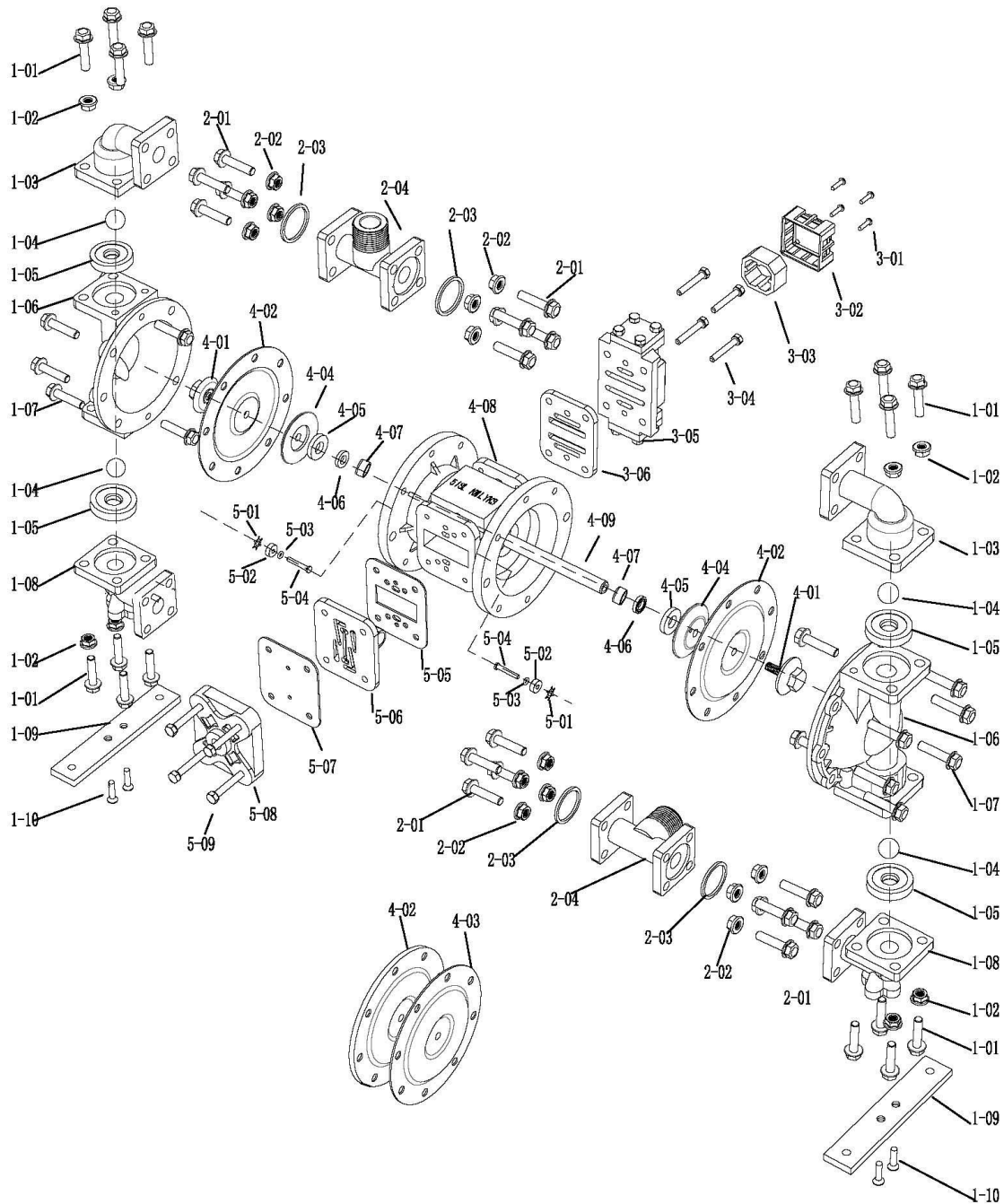


CAUTION! 警告!

Operating temperature limitations are as follows 极限工作温度如下:

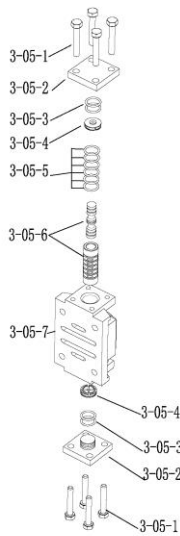
Materials 材质	Maximum 最高	Minimum 最低
Buna: General purpose, oil-resistant. Shows good solvent, oil, water and hydraulic fluid resistance. Should not be used with highly polar solvents like acetone and MEK, ozone, chlorinated hydrocarbons and nitro hydrocarbons. 丁晴橡胶: 通用, 具抗油性, 有良好的耐溶剂、耐油、耐水以及液压油性能。不能用于丙酮和丁酮、臭氧、氯化烃和硝基化合物等强极性溶剂。	180°F 82°C	10°F -12°C
EPDM: Shows very good water and chemical resistance. Has poor resistance to oil and solvents, but is fair in ketones and alcohols. 三元乙丙橡胶: 有非常好的抗水性和耐化学性。抗油性和抗溶剂性差, 但在酮和醇中性质不变。	280° F 138° C	-60°F -51°C
Neoprene: All purpose. Resistant to vegetable oil. Generally not affected by moderate chemicals, fats, greases and many oils and solvents. Generally attacked by strong oxidizing acids, ketones, esters, nitro hydrocarbons and chlorinated aromatic hydrocarbons. 氯丁橡胶: 通用, 具抗植物油性。一般不受中度化学品、脂肪、油脂、多种油和溶剂影响。通常会受强氧化性酸、酮、酯、硝基烃和氯代芳烃腐蚀。	200°F 93°C	-0°F -18°C
Santoprene: Injection molded thermoplastic elastomer with no fabric layer. Long mechanical flex life. Excellent abrasion resistance. 三道橡胶: 无纤维层的注塑成型热塑性橡胶, 机械挠曲寿命长, 具有优异的耐磨性。	220°F 104°C	-20°F -29°C
Virgin PTFE: Chemically inert, virtually impervious. Very few chemicals are known to react chemically with PTFE- molten alkali metals, turbulent liquid or gaseous fluorine and a few fluoro-chemicals such as chlorine trifluoride or oxygen difluoride which readily liberate free fluorine at elevated temperatures. 聚四氟乙烯: 具体化学惰性, 几乎完全不透水。极少有化学物质可以与聚四氟乙烯发生化学反应-除了熔化的碱性金属、紊流液体或气态氟以及一些在温度升高时易释放出游离氟的氟代化学物质(如三氯化氟、二氟化氧等)。	220° F 104° C	40°F 4°C
Viton: Shows good resistance to a wide range of oils and solvents; especially all aliphatic, aromatic and halogenated hydrocarbons, acids, animal and vegetable oils. 氟橡胶: 有良好的抗油性抗溶剂性; 尤其是对所有脂肪族、芳香族和卤代烃、酸类、动植物油。	350° F 177° C	-40° F -40° C
Polypropylene: Thermoplastic polymer. Moderate tensile and flex strength. Resists strong acids and alkaline. Attacked by chlorine, fuming nitric acid and other strong oxidizing agents. 聚丙烯: 热塑性聚合物。中等拉伸强度和抗弯强度。抗强酸和强碱。易受氯气、发烟硝酸及其他强氧化剂的侵蚀。	175°F 79°C	32° F 0° C
PVDF: A durable fluoroplastic with excellent chemical resistance. Excellent for UV applications. High tensile strength and resistance. 聚偏二氟乙烯: 一种耐用的氟塑料, 具有优异的耐化学性, 在 UV 应用方面是最佳选择, 具有高拉伸强度和耐冲击性。	225°F 107°C	10°F -12°C
For specific applications, always consult "Chemical Resistance Chart" Technical Bulletin. 如有特殊应用, 请查询"Chemical Resistance Chart"技术资料。		

Exploded View 零件分解图



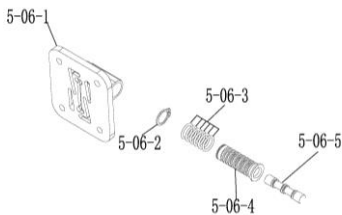
Number	Part Number	Description	Quantity
图号	配件编号	配件名称	数量
1-01	0025.0699	Capscrew 进出料口螺丝	16
1-02	4025.1590C	Nut,Hex 进出料口连接螺母	8
1-03	0015.1791	Elbow,Discharge 1/2寸出料口弯头	2
1-04	0015.6154	Ball,Check (Teflon) 1/2寸球阀 (特氟龙)	4
	0015.6158	Ball,Check (SP) 1/2寸球阀 (三道橡胶)	4
1-05	0015.6054	Seat,Check Valve (Teflon) 1/2寸阀座 (特氟龙)	4
	0015.6058	Seat,Check Valve (SP) 1/2寸阀座 (三道橡胶)	4
1-06	0015.1991	Chamber,Outer (AL) 1/2寸外腔体 (铝合金)	2
	0015.1990	Chamber,Outer (SS) 1/2寸外腔体 (316不锈钢)	2
1-07	0025.0699	Capscrew 外腔体螺栓	16
1-08	0015.1491	Elbow,Suction (AL) 1/2寸进料口弯头 (铝合金)	2
1-09	0015.8291	Bracket,Mounting 1/2寸进料口底板	2
1-10	0015.1N89	Capscrew 1/2寸底板连接螺丝	4
2-01	4015.1489	Capscrew 1/2寸三通螺丝	16
2-02	0015.0699A	Nut,Hex 1/2寸三通螺母	16
2-03	0015.7754	Gasket,Tee 1/2寸三通垫片	4
2-04	0015.1591	Tee (AL) 1/2寸三通 (铝合金)	2
	0015.1590	Tee (SS) 1/2寸三通 (不锈钢)	2
3-01	0015.1090	Capscrew 1/2寸消音器螺栓	4
3-02	0015.5540	Muffler Cap 1/2寸消音器外壳	1
3-03	0015.5440	Muffler 1/2寸消音内芯	1
3-04	0015.0891	Capscrew 1/2寸主气阀螺钉	4
3-05	0015.4691	Air Valve 1/2寸主气阀	1
3-06	0015.7052	Gasket,Air Valve 1/2寸主气阀垫片	1
4-01	0015.3291	Plate,Outer Diaphragm (AL) 1/2寸膜片外压板 (铝合金)	2
	0015.3290	Plate,Outer Diaphragm (SS) 1/2寸膜片外压板 (不锈钢)	2
4-03	0015.8654	Diaphragm (PTFE) 1/2寸聚四氟乙烯 (特氟龙) 膜片	2
4-02	0015.8658	Santoprene Diaphragm 1/2寸三道橡胶膜片	2
4-04	0015.3391	Plate,Inner Diaphragm 1/2寸膜片内压板	2
4-05	0015.6352	Bumper,Diaphragm 1/2寸减震圈	2
4-06	0015.6451	Seal,U-Cap Shaft 1/2寸 U 型圈	2
4-07	0015.3892	Bushing 1/2寸中间轴轴套	2
4-08	0015.3791	Bracket,Intermediate 1/2寸中间体	1
4-09	0015.3490	Rod,Diaphragm 1/2寸中间轴	1
5-01	0012.3989	Ring,Retaining 顶针卡簧	2
5-02	0015.3640	Bushing 1/2寸顶针轴套	2
5-03	0158.7390	O-Ring 顶针 O 型圈	2
5-04	0015.3590	Pin,Actuator 1/2寸顶针	2
5-05	0015.6652	Gasket,Pilot Valve 1/2寸分配阀垫片	1
5-06	0015.4140	Pilot Valve 1/2寸分配阀	1
5-07	0015.6552	Gasket,Air Inlet 1/2寸进气盖垫片	1
5-08	0015.4091	Cap,Air Inlet Assembly 1/2寸进气盖	1
5-09	0015.0990	Capscrew 1/2寸进气盖螺栓	4

主气阀配件分解图:



Number	Part Number	Description	Quantity
图号	配件编号	配件名称	数量
3-05	0015.4691	Air Valve 1/2寸主气阀组件	1
3-05-1	0015.0890	Capscrew 1/2寸气阀端盖螺栓	8
3-05-2	0015.4891	Cap,End 1/2寸气阀端盖	2
3-05-3	0015.2851	O-Ring 1/2寸气阀端盖 O 型圈	4
3-05-4	0015.5040	Bumper 1/2寸气阀内塞	2
3-05-5	0015.6751	O-Ring 1/2寸阀套 O 型圈	6
3-05-6	0015.5291	Sleeve and Spool Set 1/2寸气阀阀芯阀套	1
3-05-7	0015.4791	Body,Air Valve 1/2寸气阀外壳	1

分配阀配件分解图:



Number	Part Number	Description	Quantity
5-06	0015.4140	Pilot Valve 1/2寸分配阀组件	1
5-06-1	0015.4340	Body, Pilot Valve 1/2寸分配阀	1
5-06-2	0158.4589	Retaining Ring 分配阀卡簧	1
5-06-3	0158.6851	O-Ring 分配阀阀套 O 型圈	6
5-06-4	0012.4240	Sleeve 分配阀阀套	1
5-06-5	0012.4400	Spool 分配阀阀芯组件	1



LS25K Air Drive Diaphragm Pump 气动隔膜泵

Quality Control System ISO9001 Certified
ISO9001 质量控制体系认证
Environmental Management System ISO14001 Certified
ISO14001 环境管理体系认证

Explanation of Pump Nomenclature 泵的术语解释 LS25K Air Drive Diaphragm Pump LS25K 气动隔膜泵

MODEL 型号	SIZE(DN) 口径	HOUSING MATERIAL 外壳材质	INTERMEDIATE MATERIAL 中间体材质	DIAPHRAGM MATERIAL 隔膜材质	VALVE SEAT MATERIAL 阀座材质	VALVE BALL MATERIAL 阀球材质	OTHERS 其他
LS25K AA-AA-SP-SP-SP-00	25	AA	AA	SP	SP	SP	00
LS25K AA-AA-T/N-TT-TT-00	25	AA	AA	T/N	TT	TT	00
LS25K AA-AA-NE-PP-NE-00	25	AA	AA	NE	PP	NE	00
LS25K SS-AA-SP-SP-SP-00	25	SS	AA	SP	SP	SP	00
LS25K SS-AA-NE-PP-NE-00	25	SS	AA	NE	PP	NE	00
LS25K SS-AA-T/N-TT-TT-00	25	SS	AA	T/N	TT	TT	00
LS25K CS-AA-SP-SP-SP-00	25	CS	AA	SP	SP	SP	00
LS25K CS-AA-NE-PP-NE-00	25	CS	AA	NE	PP	NE	00
LS25K CS-AA-T/N-TT-TT-00	25	CS	AA	T/N	TT	TT	00
*We welcome OEM also 我们也欢迎 OEM 合作.							

SIZE (DN)

25=1"

HOUSING MATERIAL

外腔体材质

AA= aluminium alloy 铝合金

SS= stainless steel 不锈钢

CS= carbon steel 碳钢

VALVE SEAT MATERIAL

阀座材质

PP= Polypropylene 聚丙烯

TT= teflon 特氟龙

SS= stainless steel 不锈钢

SP= santoprene 三道橡胶

NE= neoprene 氯丁橡胶

BN= NBR 丁腈橡胶

VT= fluororubber 氟橡胶

INTERMEDIATE MATERIAL

中间体材质

AA= aluminium alloy 铝合金

VALVE BALL MATERIAL

阀球材质

SP= santoprene 三道橡胶

NE= neoprene 氯丁橡胶

TT= teflon 特氟龙

BN= NBR 丁腈橡胶

VT= fluororubber 氟橡胶

SS= stainless steel 不锈钢

DIAPHRAGM MATERIAL

隔膜材质

SP= santoprene 三道橡胶

T/N= teflon/santoprene 特氟龙/氯丁橡胶

NE= neoprene 氯丁橡胶

BN= NBR 丁腈橡胶

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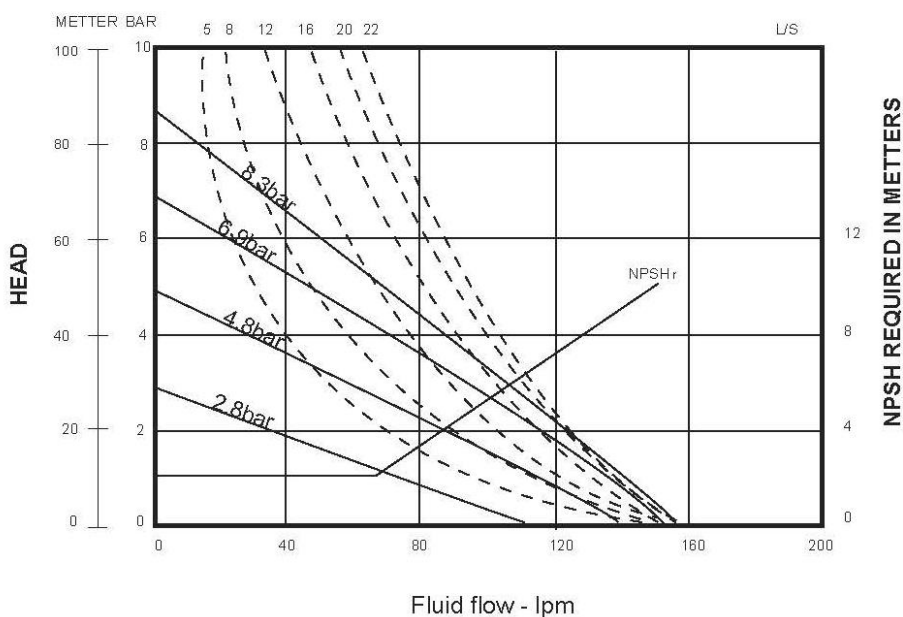
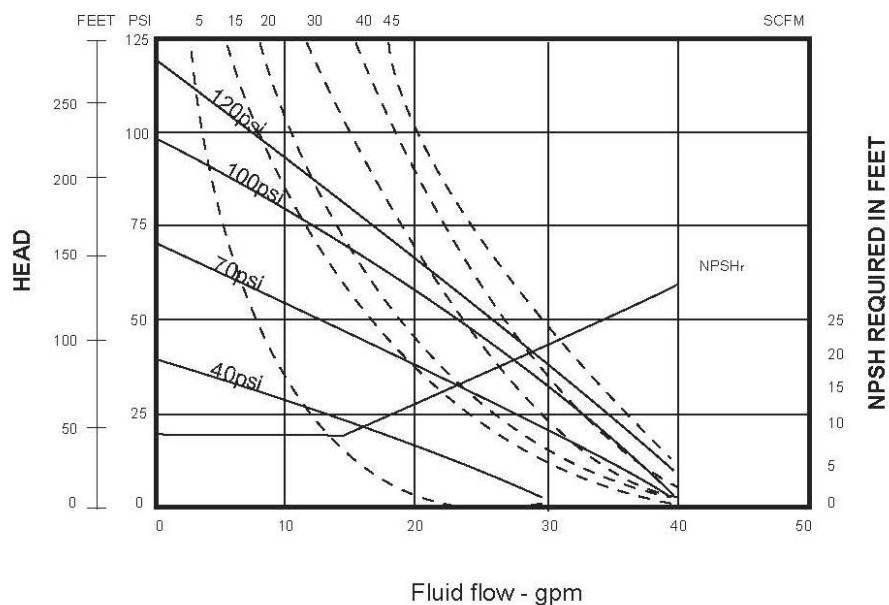
OTHER 其他

00=BSPT connection BSPT 内螺纹接口

01=NPT connection NPT 内螺纹接口

0F=Flange connection 法兰接口

Engineering, Performance & Construction Data 性能曲线



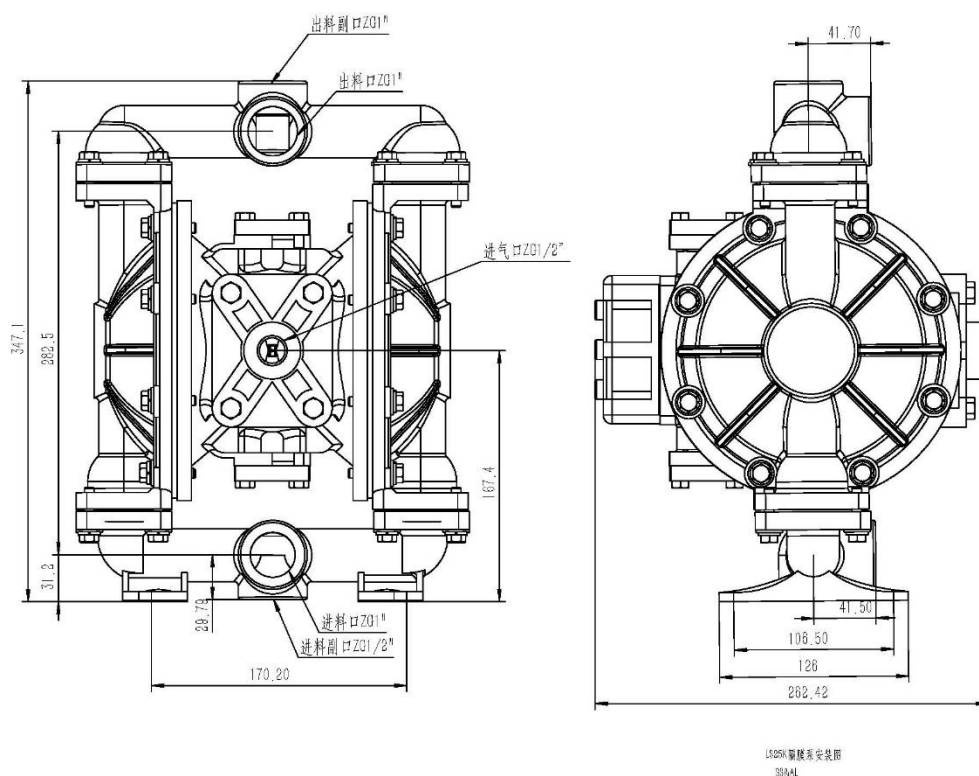
CAPACITY 流量

Skylink Pumps are Designed to be Powered Only by Compressed Air

斯凯力隔膜泵仅设计为压缩空气驱动

SUCTION/DISCHARGE 进出口	CAPACITY 流量	AIR VALVE 气阀	SOLIDS-HANDLING 输送最大颗粒	HEADS UP TO 最大工作流体压力	DISPLACEMENT 单次循环排量	WEIGHT(kg) 重量	
Rc1" Threaded port Rc1" 螺纹接口	170 lpm (max) 170 升/分钟 (最大)	No-lube, no-stall 无油润滑, 无死点	1/4" / 6mm (max) 2 分/6 毫米 (最大)	125 psi / 8.6bar of water 125PSI/8.6bar 水压	0.11gallon / 0.42 liter 0.11 加仑/0.42 升	12(AL) 铝合金 12 公斤	19(CS/SS) 碳钢/不锈钢 19 公斤

DIMENTION 外形尺寸图



Aluminium Alloy , Stainless Steel&Carbon Steel(Housing Material)

铝合金，不锈钢和碳钢（外壳材质）

BSPT Connection

BSPT 螺纹接口

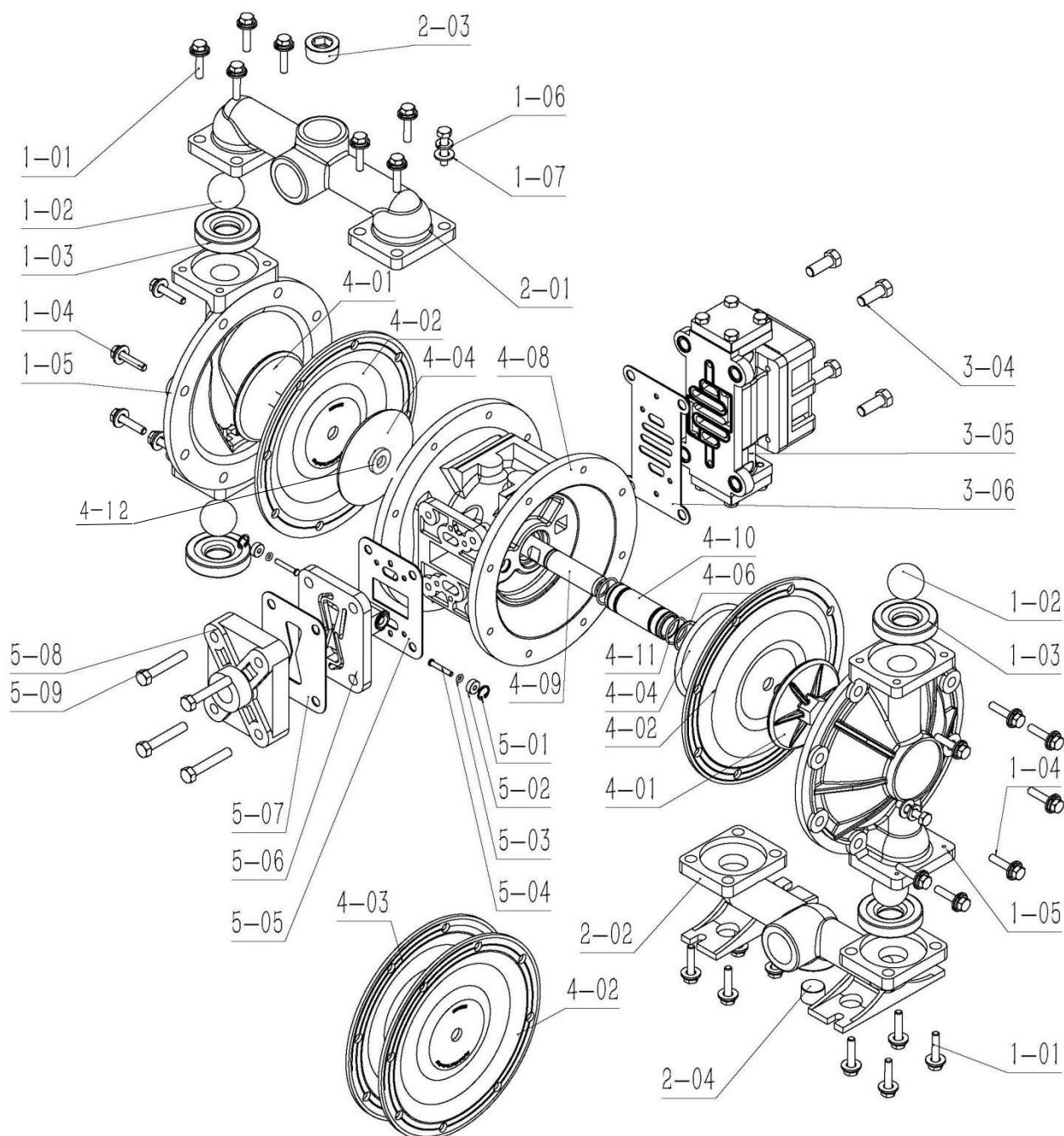


CAUTION! 警告!

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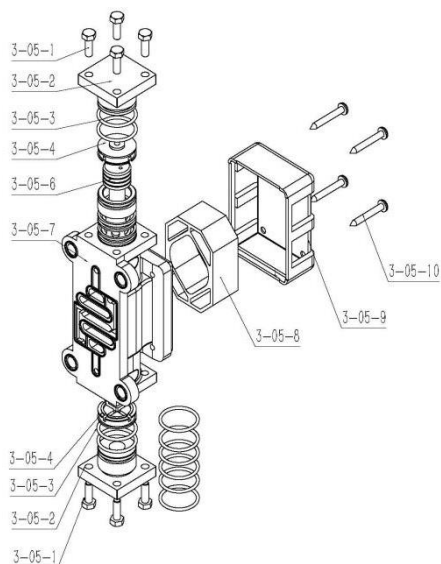
Materials 材质	Maximum 最高	Minimum 最低
Buna: General purpose, oil-resistant. Shows good solvent, oil, water and hydraulic fluid resistance. Should not be used with highly polar solvents like acetone and MEK, ozone, chlorinated hydrocarbons and nitro hydrocarbons. 丁腈橡胶: 通用, 具抗油性, 有良好的耐溶剂、耐油、耐水以及液压油性能。不能用于丙酮和丁酮、臭氧、氯化烃和硝基化合物等强极性溶剂。	190°F 88°C	-10°F -23°C
EPDM: Shows very good water and chemical resistance. Has poor resistance to oil and solvents, but is fair in ketones and alcohols. 三元乙丙橡胶: 有非常好的抗水性和耐化学性。抗油性和抗溶剂性差, 但在酮和醇中性质不变。	280° F 138° C	-40°F -40°C
Neoprene: All purpose. Resistant to vegetable oil. Generally not affected by moderate chemicals, fats, greases and many oils and solvents. Generally attacked by strong oxidizing acids, ketones, esters, nitro hydrocarbons and chlorinated aromatic hydrocarbons. 氯丁橡胶: 通用, 具抗植物油性。一般不受中度化学品、脂肪、油脂、多种油和溶剂影响。通常会受强氧化性酸、酮、酯、硝基烃和氯代芳烃腐蚀。	177°F 77°C	-10°F -23°C
Santoprene: Injection molded thermoplastic elastomer with no fabric layer. Long mechanical flex life. Excellent abrasion resistance. 三道橡胶: 无纤维层的注塑成型热塑性橡胶, 机械挠曲寿命长, 具有优异的耐磨性。	225°F 107°C	-10°F -23°C
Virgin PTFE: Chemically inert, virtually impervious. Very few chemicals are known to react chemically with PTFE- molten alkali metals, turbulent liquid or gaseous fluorine and a few fluoro-chemicals such as chlorine trifluoride or oxygen difluoride which readily liberate free fluorine at elevated temperatures. 聚四氟乙烯: 具化学惰性, 几乎完全不透水。极少有化学物质可以与聚四氟乙烯发生化学反应-除了熔化的碱性金属、紊流液体或气态氟以及一些在温度升高时易释放出游离氟的氟代化学物质(如三氟化氯、二氟化氧等)。	220° F 104° C	-35°F -37°C
Viton: Shows good resistance to a wide range of oils and solvents; especially all aliphatic, aromatic and halogenated hydrocarbons, acids, animal and vegetable oils. 氟橡胶: 有良好的抗油性抗溶剂性; 尤其是对所有脂肪族、芳香族和卤代烃、酸类、动植物油。	350° F 177° C	-40° F -40° C
Polypropylene: Thermoplastic polymer. Moderate tensile and flex strength. Resists strong acids and alkaline. Attacked by chlorine, fuming nitric acid and other strong oxidizing agents. 聚丙烯: 热塑性聚合物。中等拉伸强度和抗弯强度。抗强酸和强碱。易受氯气、发烟硝酸及其他强氧化剂的侵蚀。	150°F 66°C	32°F 0°C
PVDF: A durable fluoroplastic with excellent chemical resistance. Excellent for UV applications. High tensile strength and resistance. 聚偏二氟乙烯: 一种耐用的氟塑料, 具有优异的耐化学性, 在 UV 应用方面是最佳选择, 具有高拉伸强度和耐冲击性。	250°F 121°C	0°F -18°C
For specific applications, always consult "Chemical Resistance Chart" Technical Bulletin. 如有特殊应用, 请查询"Chemical Resistance Chart"技术资料。		

Exploded View 分解图



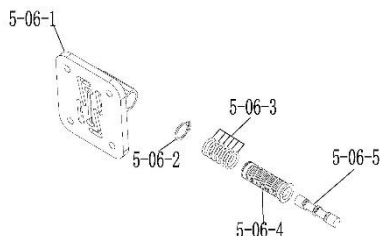
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1-01	0025.0699 (CS)	Capscrew球座外六角螺钉 (碳钢)	16
	0025.0690 (SS)	Capscrew球座外六角螺钉 (不锈钢)	
1-02	1025.6154(Teflon)	Ball,Check 阀球 (特氟龙)	4
	1025.6158(SP)	Ball,Check 阀球 (三道橡胶)	
	1025.6152(NE)	Ball,Check 阀球 (氯丁橡胶)	
1-03	0025.6054L (Teflon)	Seat,Check Valve 阀座 (特氟龙)	4
	0025.6058 (SP)	Seat,Check Valve 阀座 (三道橡胶)	
1-04	0025.0999(CS)	Capscrew外腔体外六角螺钉 (碳钢)	16
	0025.0990(SS)	Capscrew外腔体外六角螺钉 (不锈钢)	
1-05	0025.1990L(SS)	Chamber,Outer外腔体 (不锈钢)	2
	0025.1991L(AL)	Chamber,Outer外腔体 (铝合金)	
	0025.1999L(CS)	Chamber,Outer外腔体 (碳钢)	
2-01	0025.1890L(SS)	Manifold,Discharge出料口 (不锈钢)	1
	0025.1891L(AL)	Manifold,Discharge出料口 (铝合金)	
	0025.1899L(CS)	Manifold,Discharge出料口 (碳钢)	
2-02	0025.1690L(SS)	Manifold,Suction进料口 (不锈钢)	1
	0025.1691L(AL)	Manifold,Suction进料口 (铝合金)	
	0025.1699L(CS)	Manifold,Suction进料口 (碳钢)	
3-04	0025.0790	Capscrew 主气阀螺丝	4
3-05	0025.4600L	Air Valve 主气阀组件	1
3-06	0025.7054	Gasket,Air Valve 主气阀垫片	1
4-01	1025.3290(SS)	Plate,Outer Diaphragm膜片外压板 (不锈钢)	2
	1025.3291(AL)	Plate,Outer Diaphragm膜片外压板 (铝合金)	
	1025.3299(CS)	Plate,Outer Diaphragm膜片外压板 (碳钢)	
4-02	0025.8658 (SP)	Diaphragm膜片 (三道橡胶)	2
	0025.8652 (NE)	Diaphragm膜片 (氯丁橡胶)	
4-03	0025.8654 (Teflon)	Diaphragm膜片 (特氟龙)	
4-04	1025.3391 (AL)	Plate,Inner Diaphragm膜片内压板(铝合金)	2
	1025.3399(CS)	Plate,Inner Diaphragm膜片内压板(碳钢)	
4-06	1025.9789	Jump ring 中间轴套筒卡簧	2
4-08	0025.3791L	Bracket,Intermediate中间体	1
4-09	0025.3400L	Rod,Diaphragm Assembly中间轴组件	1
4-10	0025.9540L	Sleeve中间轴套筒	1
4-11	1025.9651	O ring 中间轴套筒O型圈	2
4-12	0025.6352	Cushions 1"减震圈 NE	2
5-01	0012.3989	Ring,Retaining 顶针卡簧	2
5-02	0012.3640	Bushing 顶针袖套	2
5-03	0158.7390	O-Ring 顶针O型圈	2
5-04	0025.3590	Pin,Actuator 顶针	2
5-05	0025.6652	Gasket,Pilot Valve 分配阀垫片	1
5-06	0025.4100L	Pilot Valve 分配阀组件	1
5-07	0025.6552	Gasket,Air Inlet 进气盖垫片	1
5-08	0025.4091L	Cap,Air Inlet Assembly 进气盖	1
5-09	0025.0590	Capscrew 进气盖螺栓	4

主气阀分解图:



Number 图号	Part Number 零件编号	Description 描述	Quantity 数量
3-05	0025.4600L	Air Valve主气阀组件	1
3-05-1	0015.0891	Capscrew气阀端盖螺丝	8
3-05-2	0025.4891L	Cap, End 气阀端盖	2
3-05-3	0258.6751	O-Ring O型圈, 阀套/气阀端盖通用	10
3-05-4	0025.5040	Bumper 气阀内塞	2
3-05-6	0025.5291	Sleeve and Spool Set气阀阀芯阀套	1
3-05-7	0025.4791L	Body, Air Valve 气阀外壳	1
3-05-8	0025.1090	Muffler 消音器内芯	1
3-05-9	0025.5540	Muffler Cap消音器外壳	1
3-05-10	0025.5440	Capscrew消音器螺栓	4

分配阀分解图:



Number 图号	Part Number 零件编号	Description 描述	Quantity 数量
5-06	0025.4100L	Pilot Valve分配阀组件	1
5-06-1	0025.4340	Body, Pilot Valve 分配阀外壳 PP	1
5-06-2	0158.4589	Retaining Ring 分配阀卡簧	1
5-06-3	0000.7052	O-Ring 分配阀阀套 O 型圈	6
5-06-4	0012.4240L	Sleeve 分配阀阀套	1
5-06-5	0025.4400L	Spool 分配阀阀芯组件	1



LS25K Air Drive Diaphragm Pump 气动隔膜泵

Quality Control System ISO9001 Certified
ISO9001 质量控制体系认证
Environmental Management System ISO14001 Certified
ISO14001 环境管理体系认证

Explanation of Pump Nomenclature 泵的术语解释 LS25K Air Drive Diaphragm Pump LS25K 气动隔膜泵

MODEL 型号	SIZE(DN) 口径	HOUSING MATERIAL 外壳材质	INTERMEDIATE MATERIAL 中间体材质	DIAPHRAGM MATERIAL 隔膜材质	VALVE SEAT MATERIAL 阀座材质	VALVE BALL MATERIAL 阀球材质	OTHERS 其他
LS25K AA-AA-SP-SP-SP-00	25	AA	AA	SP	SP	SP	00
LS25K AA-AA-T/N-TT-TT-00	25	AA	AA	T/N	TT	TT	00
LS25K AA-AA-NE-PP-NE-00	25	AA	AA	NE	PP	NE	00
LS25K SS-AA-SP-SP-SP-00	25	SS	AA	SP	SP	SP	00
LS25K SS-AA-NE-PP-NE-00	25	SS	AA	NE	PP	NE	00
LS25K SS-AA-T/N-TT-TT-00	25	SS	AA	T/N	TT	TT	00
LS25K CS-AA-SP-SP-SP-00	25	CS	AA	SP	SP	SP	00
LS25K CS-AA-NE-PP-NE-00	25	CS	AA	NE	PP	NE	00
LS25K CS-AA-T/N-TT-TT-00	25	CS	AA	T/N	TT	TT	00
*We welcome OEM also 我们也欢迎 OEM 合作.							

SIZE (DN)

25=1"

HOUSING MATERIAL

外腔体材质

AA= aluminium alloy 铝合金

SS= stainless steel 不锈钢

CS= carbon steel 碳钢

VALVE SEAT MATERIAL

阀座材质

PP= Polypropylene 聚丙烯

TT= teflon 特氟龙

SS= stainless steel 不锈钢

SP= santoprene 三道橡胶

NE= neoprene 氯丁橡胶

BN= NBR 丁腈橡胶

VT= fluororubber 氟橡胶

INTERMEDIATE MATERIAL

中间体材质

AA= aluminium alloy 铝合金

VALVE BALL MATERIAL

阀球材质

SP= santoprene 三道橡胶

NE= neoprene 氯丁橡胶

TT= teflon 特氟龙

BN= NBR 丁腈橡胶

VT= fluororubber 氟橡胶

SS= stainless steel 不锈钢

DIAPHRAGM MATERIAL

隔膜材质

SP= santoprene 三道橡胶

T/N= teflon/santoprene 特氟龙/氯丁橡胶

NE= neoprene 氯丁橡胶

BN= NBR 丁腈橡胶

VT= fluororubber 氟橡胶

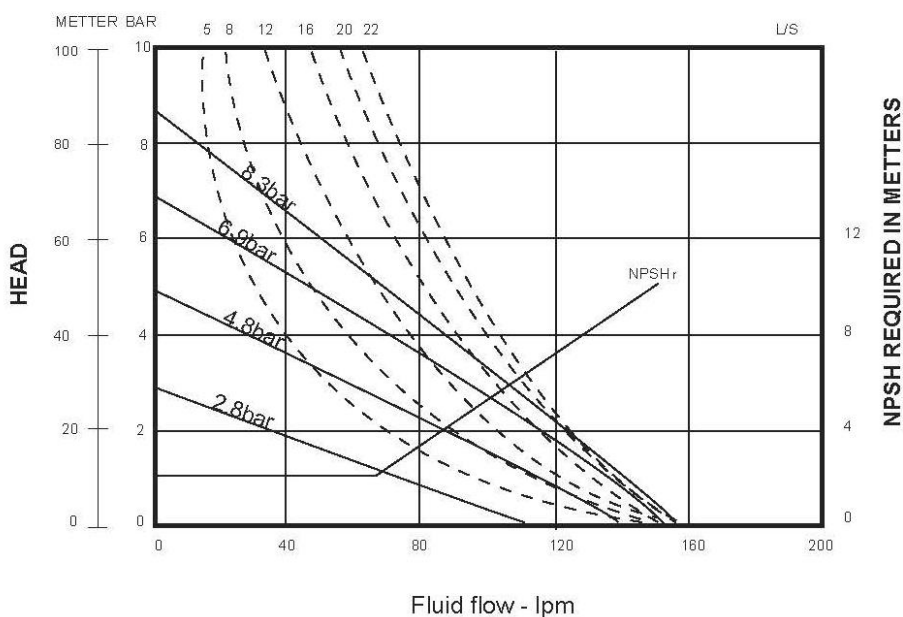
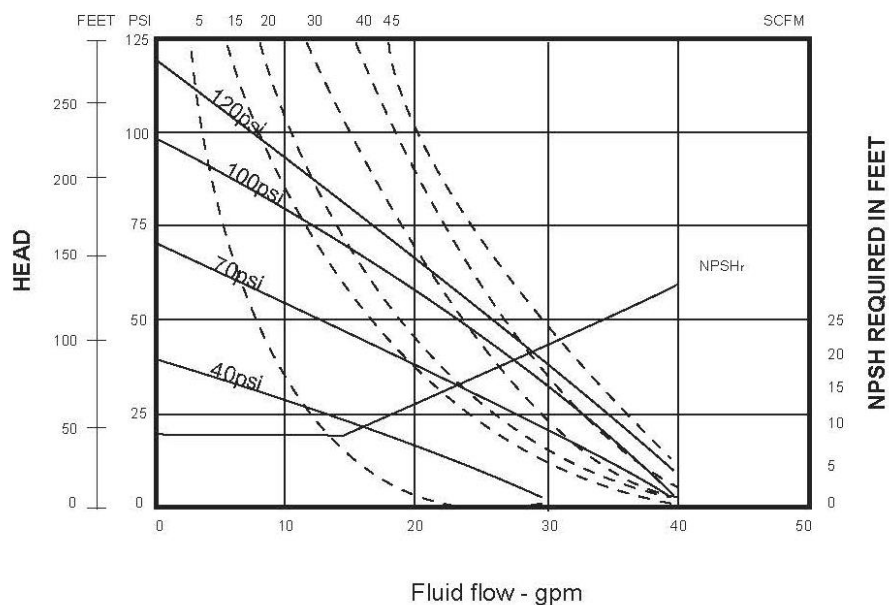
OTHER 其他

00=BSPT connection BSPT 内螺纹接口

01=NPT connection NPT 内螺纹接口

0F=Flange connection 法兰接口

Engineering, Performance & Construction Data 性能曲线



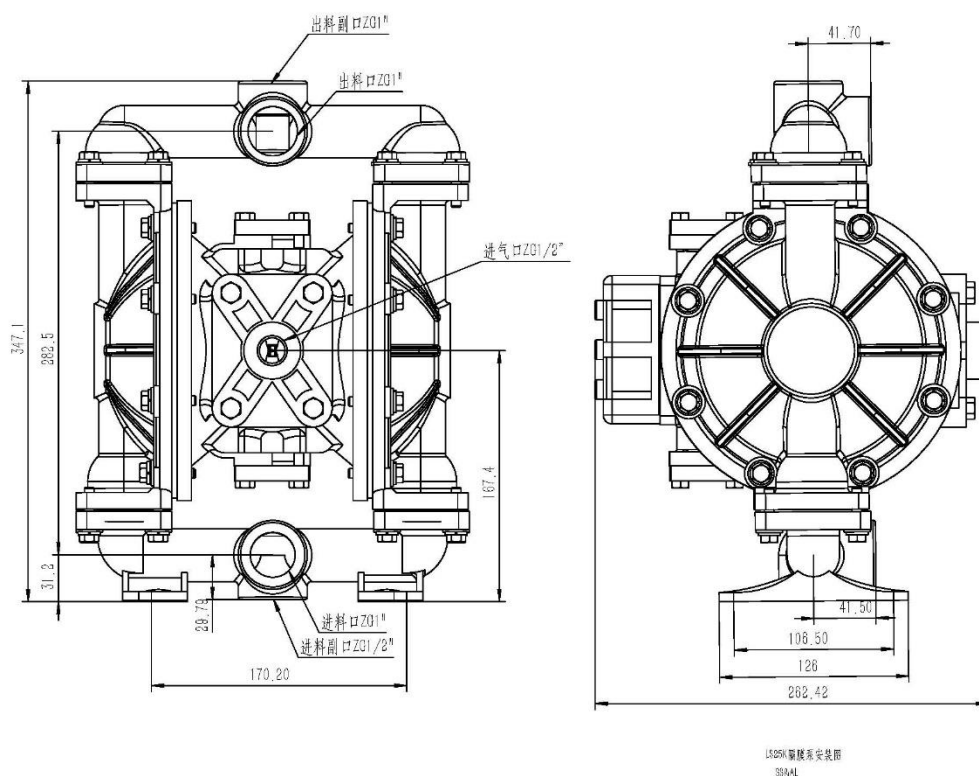
CAPACITY 流量

Skylink Pumps are Designed to be Powered Only by Compressed Air

斯凯力隔膜泵仅设计为压缩空气驱动

SUCTION/DISCHARGE 进出口	CAPACITY 流量	AIR VALVE 气阀	SOLIDS-HANDLING 输送最大颗粒	HEADS UP TO 最大工作流体压力	DISPLACEMENT 单次循环排量	WEIGHT(kg) 重量	
Rc1" Threaded port Rc1" 螺纹接口	170 lpm (max) 170 升/分钟 (最大)	No-lube, no-stall 无油润滑, 无死点	1/4" / 6mm (max) 2 分/6 毫米 (最大)	125 psi / 8.6bar of water 125PSI/8.6bar 水压	0.11gallon / 0.42 liter 0.11 加仑/0.42 升	12(AL) 铝合金 12 公斤	19(CS/SS) 碳钢/不锈钢 19 公斤

DIMENTION 外形尺寸图



Aluminium Alloy , Stainless Steel&Carbon Steel(Housing Material)

铝合金，不锈钢和碳钢（外壳材质）

BSPT Connection

BSPT 螺纹接口

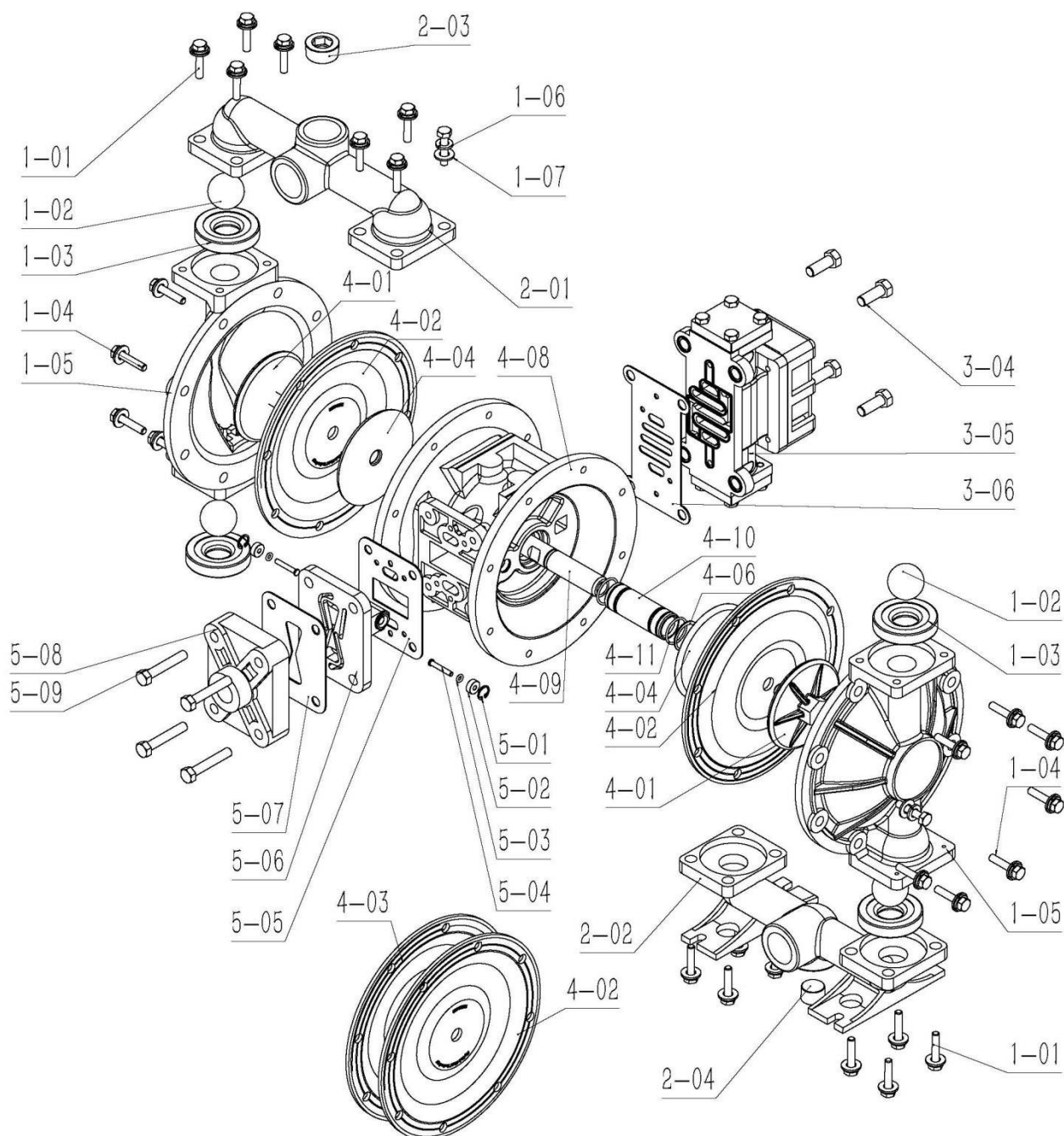


CAUTION! 警告!

Operating temperature limitations are as follows 极限工作温度如下:

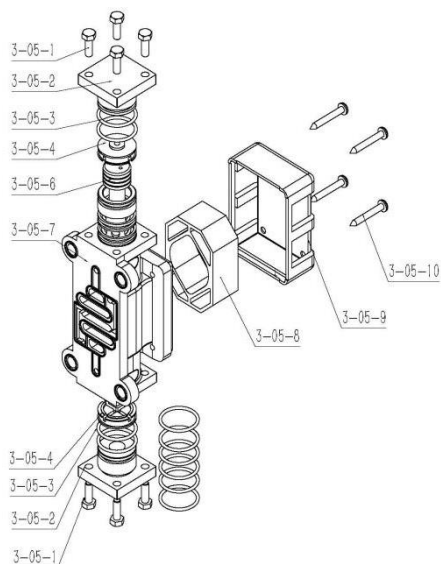
Materials 材质	Maximum 最高	Minimum 最低
Buna: General purpose, oil-resistant. Shows good solvent, oil, water and hydraulic fluid resistance. Should not be used with highly polar solvents like acetone and MEK, ozone, chlorinated hydrocarbons and nitro hydrocarbons. 丁腈橡胶: 通用, 具抗油性, 有良好的耐溶剂、耐油、耐水以及液压油性能。不能用于丙酮和丁酮、臭氧、氯化烃和硝基化合物等强极性溶剂。	190°F 88°C	-10°F -23°C
EPDM: Shows very good water and chemical resistance. Has poor resistance to oil and solvents, but is fair in ketones and alcohols. 三元乙丙橡胶: 有非常好的抗水性和耐化学性。抗油性和抗溶剂性差, 但在酮和醇中性质不变。	280° F 138° C	-40°F -40°C
Neoprene: All purpose. Resistant to vegetable oil. Generally not affected by moderate chemicals, fats, greases and many oils and solvents. Generally attacked by strong oxidizing acids, ketones, esters, nitro hydrocarbons and chlorinated aromatic hydrocarbons. 氯丁橡胶: 通用, 具抗植物油性。一般不受中度化学品、脂肪、油脂、多种油和溶剂影响。通常会受强氧化性酸、酮、酯、硝基烃和氯代芳烃腐蚀。	177°F 77°C	-10°F -23°C
Santoprene: Injection molded thermoplastic elastomer with no fabric layer. Long mechanical flex life. Excellent abrasion resistance. 三道橡胶: 无纤维层的注塑成型热塑性橡胶, 机械挠曲寿命长, 具有优异的耐磨性。	225°F 107°C	-10°F -23°C
Virgin PTFE: Chemically inert, virtually impervious. Very few chemicals are known to react chemically with PTFE- molten alkali metals, turbulent liquid or gaseous fluorine and a few fluoro-chemicals such as chlorine trifluoride or oxygen difluoride which readily liberate free fluorine at elevated temperatures. 聚四氟乙烯: 具化学惰性, 几乎完全不透水。极少有化学物质可以与聚四氟乙烯发生化学反应-除了熔化的碱性金属、紊流液体或气态氟以及一些在温度升高时易释放出游离氟的氟代化学物质(如三氟化氯、二氟化氧等)。	220° F 104° C	-35°F -37°C
Viton: Shows good resistance to a wide range of oils and solvents; especially all aliphatic, aromatic and halogenated hydrocarbons, acids, animal and vegetable oils. 氟橡胶: 有良好的抗油性抗溶剂性; 尤其是对所有脂肪族、芳香族和卤代烃、酸类、动植物油。	350° F 177° C	-40° F -40° C
Polypropylene: Thermoplastic polymer. Moderate tensile and flex strength. Resists strong acids and alkaline. Attacked by chlorine, fuming nitric acid and other strong oxidizing agents. 聚丙烯: 热塑性聚合物。中等拉伸强度和抗弯强度。抗强酸和强碱。易受氯气、发烟硝酸及其他强氧化剂的侵蚀。	150°F 66°C	32°F 0°C
PVDF: A durable fluoroplastic with excellent chemical resistance. Excellent for UV applications. High tensile strength and resistance. 聚偏二氟乙烯: 一种耐用的氟塑料, 具有优异的耐化学性, 在 UV 应用方面是最佳选择, 具有高拉伸强度和耐冲击性。	250°F 121°C	0°F -18°C
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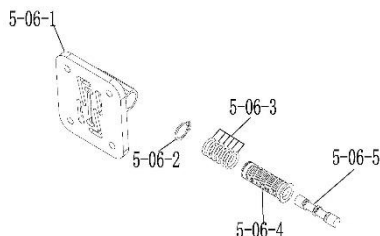
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5-06-4	0012.4240L	Sleeve 分配阀阀套	1
5-06-5	0025.4400L	Spool 分配阀阀芯组件	1