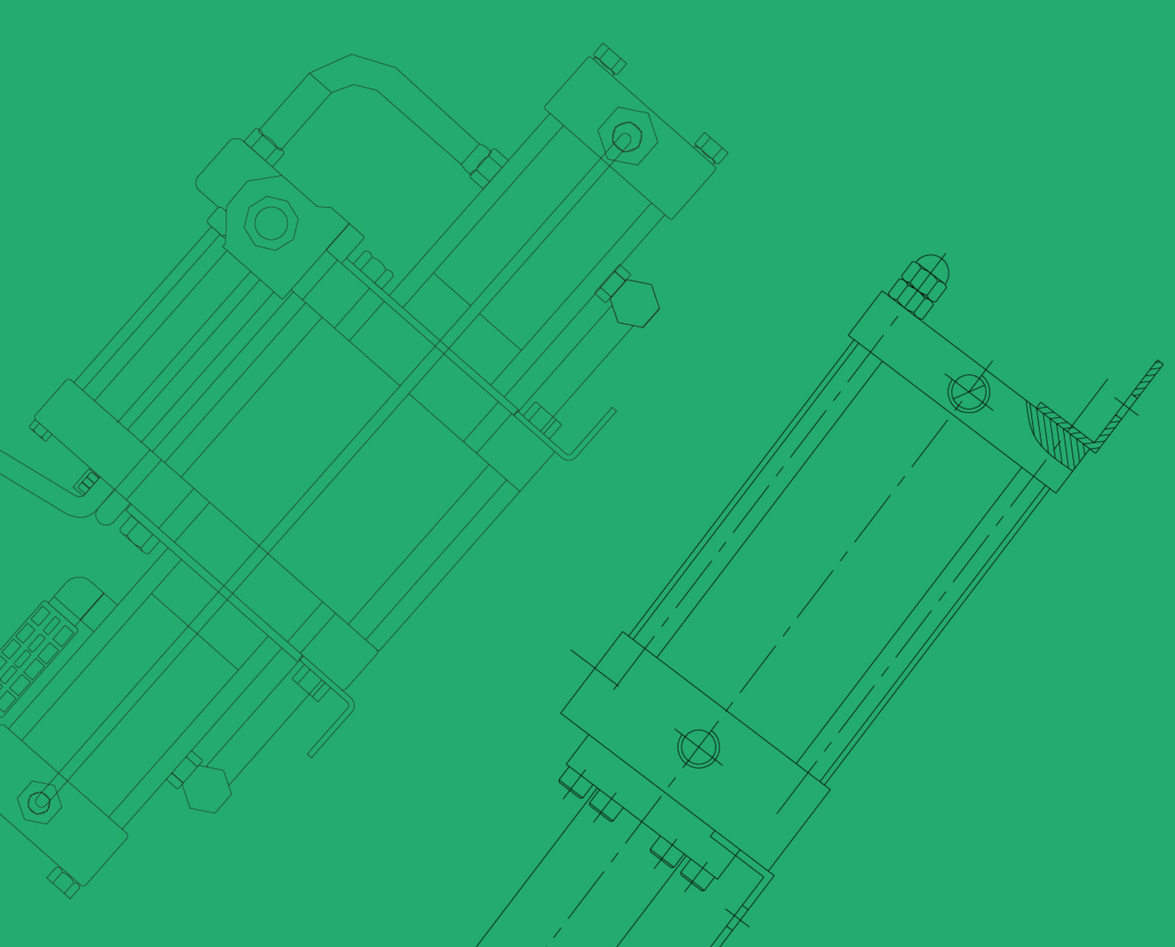
业务范围/BUSINESS SCOPE

压机、压铸机、增压缸、油缸、增压泵、压力检测台、气源处理件、接头和气动软管等。
Press machines, Die-casting machines, Hydro-pneumatic cylinders, Hydraulic cylinders, Air-driven booster pumps, Pressure testing rig, FRL units, Pipe fittings and Plastic hose etc..



JULYR INDUSTRIAL

——Pressure makes a difference to the world

JULY® 久力® EAGL® 意哥尔®

JULY® was founded in 1985
More than 30 years of R&D and OEM experience

久力工业成立于1985年，拥有超过30年以上的研发和生产经验。

增压泵

Air-driven booster pumps

公司简介/COMPANY PROFILE

JulyR Industrial Limited, its predecessor called Changhua Machinery Factory, was founded in Taiwan in 1985, then moved to Dongguan in 2008. Now JulyR is a professional manufacturer of various hydro-pneumatic products, which has two factories and six branches in China: July Hydro-pneumatic Equipment Co., Ltd mainly produces machines and cylinders in Dongguan; Eagl Science and Technology Co., Ltd makes pneumatic accessories in Jiangxi. Our products involve Press machines, Die-casting machines, Hydro-pneumatic cylinders, Hydraulic cylinders, Air-driven booster pumps, Pressure testing rig, FRL units, Pipe fittings and Plastic hose etc..

久力工业有限公司，其前身为台湾长华机械厂，1985创立于台湾彰化。2008年搬入中国东莞。如今，久力集团是一家专业生产经营各类气动液压产品的制造企业，公司有自己的两个工厂和六家门店在中国。东莞巨力气动液压设备有限公司主要制造各类设备和增压缸，江西意哥尔科技股份有限公司主要生产各类气动元件。我们的主要有压机、压铸机、增压缸、油缸、增压泵、压力检测台、气源处理件、接头和气动软管等。

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久力工业园鸟瞰图/JULY INDUSTRIAL PARKAERIAL VIEW

业务范围/BOSINESS SCOPE：

Press machines, Die-casting machines,Hydro-pneumatic cylinders, Hydraulic cylinders, Air-driven booster pumps, Pressure testing rig, FRL units, Pipe fittings and Plastic hose etc..

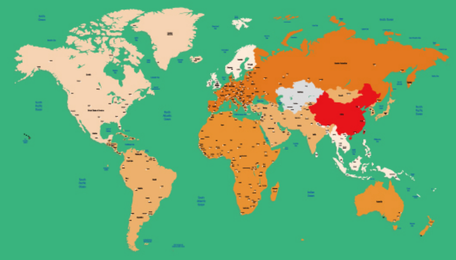
压机、压铸机、增压缸、油缸、增压泵、压力检测台、气源处理件、接头和气动软管等。

Quality is our culture. Integrating R&D, production and marketing, JulyR boasts automatic production lines, advanced production technologies, complete testing equipment and quality systems. We passed the standard attestation of ISO9001:2008 and obtained CE certification. With more than 30 years of experience in Hydro-pneumatic industry, we have been getting lots of patents, and won the honorary title of national high-tech and innovative enterprise in China. July and Eagl are our two brands. Besides, July Hydro-pneumatic Equipment Co., Ltd is the teaching and experimental base that Dongguan University of Technology designated..

质量是我们的文化。集研发、生产和销售为一体，久力集团拥有先进设备，自动化生产线，先进的生产技术和完善的检测设备及质量体系。我们通过了ISO9001:2008体系认证，还获得了CE证书。随着30多年气动液压行业经验和技术，我们在申请了大量专利的同时，还赢得了国家高新技术创新荣誉奖。“久力”和“意哥尔”是我们公司的两大品牌。此外，巨力气动液压设备有限公司是东莞科技大学指定的教学实验基地。

Customization is another advantage of JulyR. Hydro-pneumatic products apply to many fields, especially machinery, automobile, electronic, shoe-making and mining industries. Our products are widely recognized and trusted by users and can meet the changing continuously economic and social needs. JulyR’ s partners are all over the world. So far, our machines, components and accessories are already exported to USA, Northern Europe, Australia, Russian Federation, South Asia, Mid-east, Brazil and dozens of other countries and regions.

定制化是我们的另一大优势。气动液压产品应用于许多领域，尤其在机械、汽车、电子、制鞋和采矿行业。久力的产品满足了不断变化的经济和社会需求，并得到广大用户信赖和认可。久力的客户遍及全球，迄今为止，久力的机械设备和零配件已经出口到了美国、北欧、澳大利亚、俄罗斯、南亚、中东、巴西等一系列国家及地区。



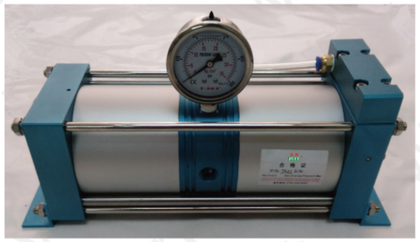
JulyR will initiate the second phase of our development strategy. We have been regarding “premium quality, reasonable price, efficient production and best service” as a tenet, to go all out and innovate continuously. Hope to cooperate with more customers for mutual development and benefits. Pressure has difference to the world, hopefully our products could give you an edge over the competitors.

久力集团将步入第二个战略发展阶段。我们继续秉持“质量第一、价格合理、高效快捷、优质服务”的理念，全力以赴，不断创新。期望与更多来自世界各地的客户互利合作，共同发展。压力改变世界，倘若选用我们产品，一定能助你和你的企业在激烈的市场竞争中略胜一筹。

空气增压泵
Air amplifier

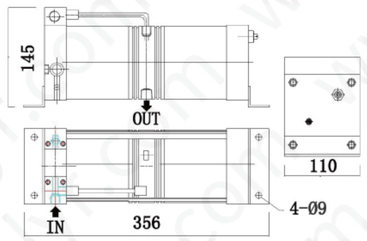
JL-JA系列空气增压泵，增压介质为空气，专门用于空气压力等级较低的场合。以普通压缩空气为动力源，可有效地把2-8公斤的压缩空气通过自增压的方式产生较高的压力，最大可实现120公斤的气压。

JL-JA series air amplifier is dedicated to boost the compressed air, and JA series air amplifier are always used in the low air pressure levels. Using ordinary compressed air as the power source, this series of pumps can effectively produce high pressure from 2-8 kg general compressed air by self-pressurized way, Maximum output pressure is up to 120kg.



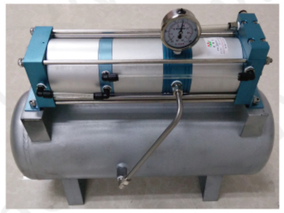
JL-JA02

JL-JA02-B

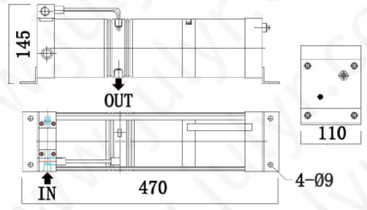


JL-JA02 图纸/Drawing

JL-JA03



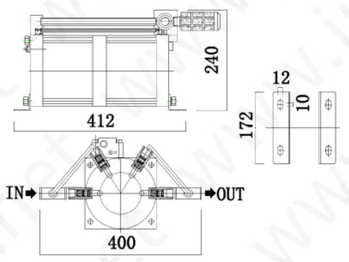
JL-JA03-B



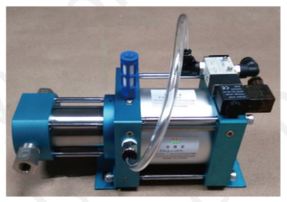
JL-JA03 图纸/Drawing

JL-4JA02

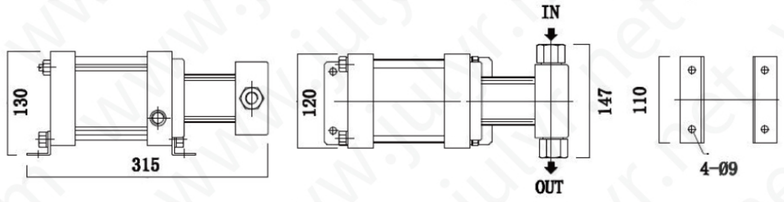
JL-4JA02-B



JL-4JA02 图纸/Drawing

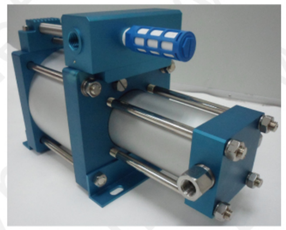


JL-JA04-S



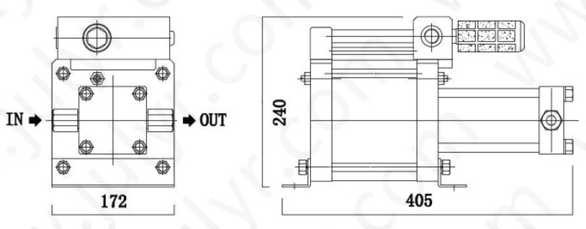
JL-JA04-S 图纸/Drawing

气体增压泵
Air Driven Gas Booster



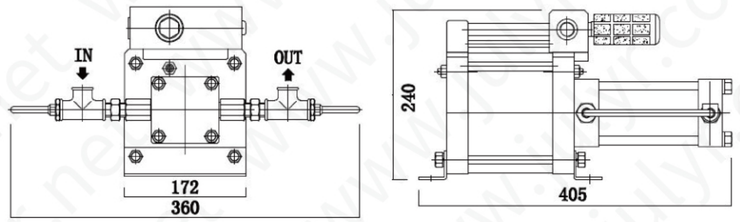
JL-JA04

JL-JA04-B

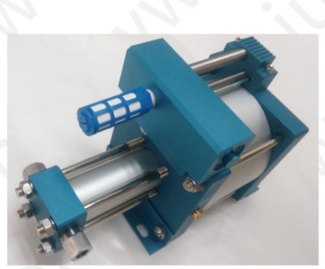


JL-JA04 图纸/Drawing

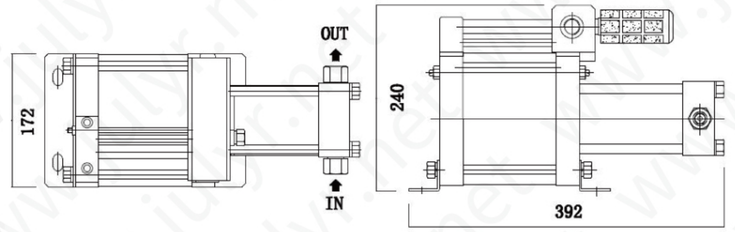
JL-JA05/JL-JA08



JL-JA05/JL-JA08 图纸/Drawing



JL-JA07/JL-JA10/JL-JA15



JL-JA07/JL-JA10/JL-JA15 图纸/Drawing

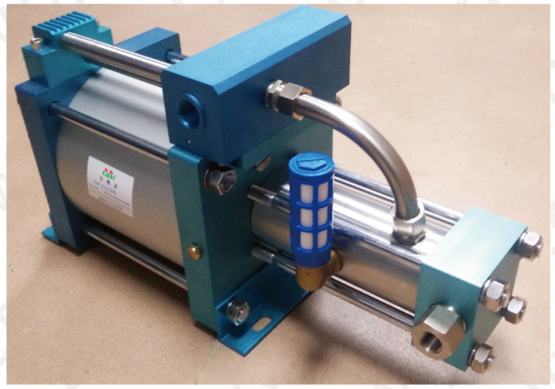
技术参数/Specifications

Pa=驱动气压 Driving air pressure　Pi=输入压力Input pressure　Po=输出压力Output pressure

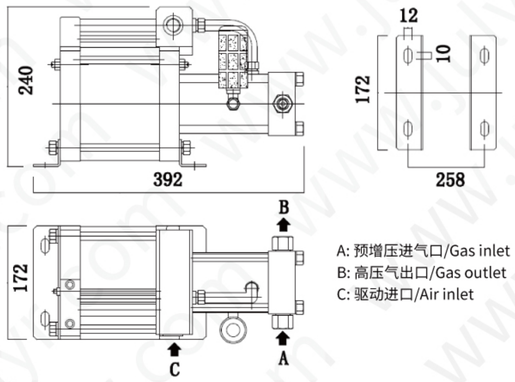
型号型号 Model	增压比增压比 Pressure Ratio	最小气体入口压力 Minimum Inlet Pressure Pi(bar)	最大允许出口压力 Maximum Outlet Pressure (bar)	气体出口压力计算公式 Formula Of Outlet Pressure Po	气体入口尺寸 Inlet Port	气体出口尺寸 Outlet Port	最大流量 Maximum Flow Rate (L/min)
JL-JA02	2:1	2	16.6	2Pa	PT3/8"	PT3/8"	513
JL-4JA02	2:1	2	16.6	2Pa	PT1/2"	PT1/2"	1450
JL-JA03	3:1	2	24.9	3Pa	PT3/8"	PT3/8"	420
JL-JA04	4:1	2.7	33.2	4Pa	PT3/8"	PT3/8"	493
JL-JA04S	4:1	2.7	33.2	4Pa	PT3/8"	PT3/8"	286
JL-JA05	5:1	2.7	41.5	5Pa+Pi	PT1/2"	PT1/2"	820
JL-JA07	7:1	4.4	58.1	7Pa	PT3/8"	PT3/8"	274
JL-JA08	8:1	4.4	66.4	8Pa+Pi	PT3/8"	PT3/8"	482
JL-JA10	10:1	5	83	10Pa	PT3/8"	PT3/8"	225
JL-JA15	15:1	6	124.5	15Pa	PT3/8"	PT3/8"	185

基于驱动气压7Bar 时，耗气量0.7m^3/min.　When the driving air pressure is 7Bar , the air consumption is 0.7M^3/ min.

本公司不断研究改进，规格如有变更，不另行通知。
Keep on searching for excellence. We reserve the right to alter specifications without prior notice.



JL-JG



A: 预增压进气口/Gas inlet
B: 高压气出口/Gas outlet
C: 驱动进口/Air inlet

单头气体增压泵
Single head air driven gas booster pump

JL-JG系列气体增压泵是通用型气气增压泵，属于单头型增压泵，主要应用于只要求输出气压高，而不要求输出气压流量的各种场合。最高输出气压压力可达1000公斤，可对各类气体进行增压，如常用的氮气、空气、二氧化碳、氧气、氢气及各种惰性或稀有气体。采用普通压缩空气进行驱动，驱动部分为免润滑，并且高压缸头均自带冷却系统，以防高压带来的高温影响。

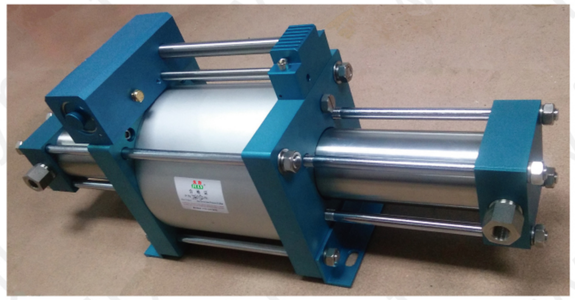
JL-JG series are general gas booster pump, which belongs to single-head booster pump, and always used in the situations where only need high output pressure but without flow-rate required.
Maximum output pressure is up to1000kg. JL-JG series pumps can be used for pressurizing the various gas, such as nitrogen, air, carbon dioxide gas, oxygen, hydrogen and various inert or rare gases. Driven by ordinary compressed air, the drive part is lubrication-free, and the head of high-pressure cylinder have cooling system to prevent high temperature by high pressure.

技术参数/Specifications

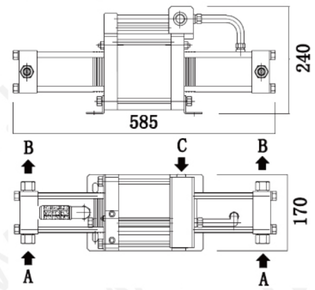
Pa=驱动气压 Driving air pressure　Pi=输入压力Input pressure　Po=输出压力Output pressure

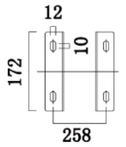
型号型号 Model	增压比增压比 Pressure Ratio	最小气体入口压力 Pi(bar) Minimum Inlet Pressure (bar)	最大允许出口压力 Maximum Outlet Pressure (bar)	气体出口压力计算公式 Formula Of Outlet Pressure Po	气体入口尺寸 Inlet Port	气体出口尺寸 Outlet Port	最大流量 Maximum Flow Rate (L/min)
JL-JG02	2:1	2	16.6	2Pa	PT1/2"	PT1/2"	412
JL-JG04	4:1	2.7	33.2	4Pa	PT3/8"	PT3/8"	354
JL-JG05	5:1	2.7	41.5	5Pa+Pi	PT1/2"	PT1/2"	672
JL-JG07	7:1	4.4	56	7Pa	PT3/8"	PT3/8"	252
JL-JG08	8:1	4.4	56	8Pa+Pi	PT1/2"	PT1/2"	252
JL-JG10	10:1	5	80	10Pa	PT3/8"	PT3/8"	196
JL-JG15	15:1	6	105	15Pa	PT3/8"	PT3/8"	164
JL-JG25	25:1	8.5	200	25Pa	PT1/4"	PT1/4"	91
JL-JG40	40:1	15	320	40Pa	PT1/4"	PT1/4"	56
JL-JG60	60:1	25	480	60Pa	PT1/4"	PT1/4"	72
JL-JG100	100:1	35	700	100Pa	PT1/4"	PT1/4"	45
JL-JG130	130:1	50	900	130Pa	PT1/4"	PT1/4"	28

基于驱动气压7Bar 时，耗气量1.0m³/min.　When the driving air pressure is 7Bar , the air consumption is 1.0M³/ min.



JL-JGD





A: 预增压进气口/Gas inlet
B: 高压气出口/Gas outlet
C: 驱动进口/Air inlet

双头气体增压泵
Double heads air driven gas booster pump

JL-JGD系列气体增压泵是双头型气气增压泵，在JL-JG系列的基础上增加了一高压腔，输出流量更大，稳定性更高，结构也更可靠，主要应用于对压力和流量同时又要求并且有一定的进气压力的场合下 ,JL-JGD系列气体增压泵采用普通压缩空气驱动，安全方便.

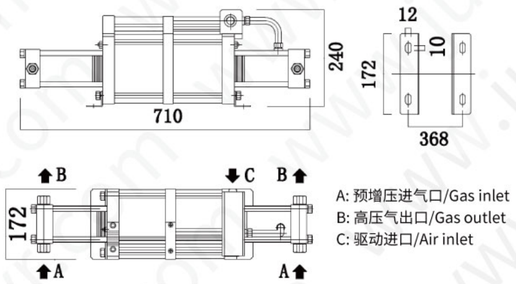
JL-JGD series is a double-head gas booster pump, add a high pressure chamber based on the JG series, the output flow is larger than JL-JG series, with higher stability and more reliable structure. This series is always used in the situation of having requirements on the high output pressure and high output flow and specified inlet pressure.JL- JGD series gas booster pump is driven by ordinary compressed air, which is safe and convenient.

技术参数/Specifications

Pa=驱动气压 Driving air pressure　Pi=输入压力Input pressure　Po=输出压力Output pressure

型号型号 Model	增压比增压比 Pressure Ratio	最小气体入口压力 Pi(bar) Minimum Inlet Pressure (bar)	最大允许出口压力 Maximum Outlet Pressure (bar)	气体出口压力计算公式 Formula Of Outlet Pressure Po	气体入口尺寸 Inlet Port	气体出口尺寸 Outlet Port	最大流量 Maximum Flow Rate (L/min)
JL-JGD07	7:1	4.4	56	7Pa+Pi	PT3/8"	PT3/8"	513
JL-JGD10	10:1	5	83	10Pa+Pi	PT3/8"	PT3/8"	393
JL-JGD15	15:1	8	124.5	15Pa+Pi	PT3/8"	PT3/8"	389
JL-JGD25	25:1	14	207.5	25Pa+Pi	PT1/4"	PT1/4"	174
JL-JGD40	40:1	28	332	40Pa+Pi	PT1/4"	PT1/4"	112
JL-JGD60	60:1	35	498	60Pa+Pi	PT1/4"	PT1/4"	125
JL-JGD100	100:1	60	830	100Pa+Pi	PT1/4"	PT1/4"	94

基于驱动气压7Bar 时，耗气量1.0m³/min.　When the driving air pressure is 7Bar , the air consumption is 1.0M³/ min.



JL-2JGD

双头气体增压泵（双驱动）

Double heads air driven gas booster pump (dual driving)

JL-2JGD系列气体增压泵属于双驱动单作用双头型气气增压泵，它是在JL-JGD系列的基础上增加了一驱动缸，使被增压气体的输出流量实现最大化。非常适合于一些高压气体的输送与充装。

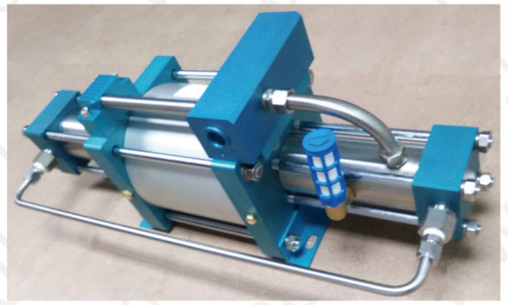
JL-2JGD series is a dual driving and single action and double heads type of air driven gas booster pump,comparing with the JL-JGD series, it add a drive cylinder to maximize the output flow of pressurized gas. JL-2JGD series often used for transporting or filling the high pressure gas.

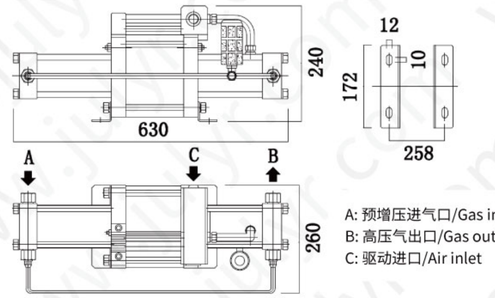
技术参数/Specifications

Pa=驱动气压 Driving air pressure　Pi=输入压力Input pressure　Po=输出压力Output pressure

型号型号 Model	增压比增压比 Pressure Ratio	最小气体入口压力 Pi(bar) Minimum Inlet Pressure (bar)	最大允许出口压力 Maximum Outlet Pressure (bar)	气体出口压力计算公式 Formula Of Outlet Pressure Po	气体入口尺寸 Inlet Port	气体出口尺寸 Outlet Port	最大流量 Maximum Flow Rate (L/min)
JL-2JGD15	15:1	8	124.5	15Pa+Pi	PT1/2"	PT1/2"	739
JL-2JGD25	25:1	14	207.5	25Pa+Pi	PT1/2"	PT1/2"	330
JL-2JGD40	40:1	28	332	40Pa+Pi	PT3/8"	PT3/8"	213
JL-2JGD60	60:1	35	498	60Pa+Pi	PT3/8"	PT3/8"	237
JL-2JGD100	100:1	60	830	100Pa+Pi	PT3/8"	PT3/8"	168

基于驱动气压7Bar 时，耗气量1.6m³/min.　When the driving air pressure is 7Bar , the air consumption is 1.6M³/ min.





JL-JGT

双级气体增压泵

Double-stage air driven gas booster pump

JL-JGT系列气体增压泵是双作用双头型气气增压泵，属于双级型气气增压泵，专门用于输入气体压力较低但要求输出气体压力高的场合。同JL-JGD系列一样，它也是在JL-JG系列的基础上增加了一高压腔，同时在JL-JGD系列结构上升级，设有低压缩比和高压缩比两个高压缸.

JL-JGT series is a dual action and double heads type of air driven gas booster pump. They always used in the situation where in high output pressure but low inlet gas pressure. It add a high-pressure cavity based on the JL- JGD series, and upgrades the structure based on the JL- JGD series. It has two high-pressure cylinders with low compression ratio and high compression ratio.

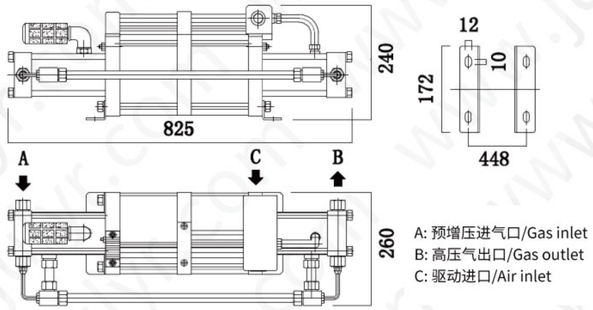
技术参数/Specifications

Pa=驱动气压 Driving air pressure　Pi=输入压力Input pressure　Po=输出压力Output pressure

型号型号 Model	增压比增压比 Pressure Ratio	最小气体入口压力 Pi(bar) Minimum Inlet Pressure (bar)	最大允许出口压力 Maximum Outlet Pressure (bar)	气体出口压力计算公式 Formula Of Outlet Pressure Po	气体入口尺寸 Inlet Port	气体出口尺寸 Outlet Port	最大流量 Maximum Flow Rate (L/min)
JL-JGT7/15	15:1	4.4	131	15Pa+Pi	PT3/8"	PT3/8"	215
JL-JGT7/25	25:1	4.4	235	25Pa+Pi	PT3/8"	PT3/8"	186
JL-JGT15/40	40:1	8	332	40Pa+Pi	PT1/4"	PT1/4"	85
JL-JGT15/60	60:1	8	498	60Pa+Pi	PT1/4"	PT1/4"	72
JL-JGT30/60	60:1	28	498	60Pa+Pi	PT1/4"	PT1/4"	85
JL-JGT15/100	100:1	8	830	100Pa+Pi	PT3/8"	PT3/8"	72
JL-JGT30/100	100:1	28	830	100Pa+Pi	PT1/4"	PT1/4"	80

基于驱动气压7Bar 时，耗气量1.0m³/min.　When the driving air pressure is 7Bar , the air consumption is 1.0M³/ min.

JL-2JGT



A: 预增压进气口/Gas inlet
B: 高压气出口/Gas outlet
C: 驱动进口/Air inlet

双级气体增压泵（双驱动）
Double-stage air driven gas booster pump (dual driving)

JL-2JGT系列气体增压泵是双驱动双头型增压泵，它也是双级双作用气气增压泵，属于JL-JGT系列的升级版。

JL-2JGT series is a dual driving and double action and double heads type of air driven gas booster pump, it is also a two-stage and double-acting air booster pump, and it belongs to an upgraded version of the JGT series.

技术参数/Specifications

Pa=驱动气压 Driving air pressure　Pi=输入压力Input pressure　Po=输出压力Output pressure

型号型号 Model	增压比增压比 Pressure Ratio	最小气体入口压力 Pi(bar) Minimum Inlet Pressure (bar)	最大允许出口压力 Maximum Outlet Pressure (bar)	气体出口压力计算公式 Formula Of Outlet Pressure Po	气体入口尺寸 Inlet Port	气体出口尺寸 Outlet Port	最大流量 Maximum Flow Rate (L/min)
JL-2JGT7/15	15:1	4.4	131	15Pa+Pi	PT3/8"	PT3/8"	430
JL-2JGT7/25	25:1	4.4	235	25Pa+Pi	PT3/8"	PT3/8"	372
JL-2JGT15/40	40:1	8	332	40Pa+Pi	PT3/8"	PT3/8"	170
JL-2JGT15/60	60:1	8	498	60Pa+Pi	PT3/8"	PT3/8"	120
JL-2JGT30/60	60:1	30	498	60Pa+Pi	PT3/8"	PT3/8"	170

基于驱动气压7Bar 时，耗气量1.6m³/min.　When the driving air pressure is 7Bar , the air consumption is 1.6M³/ min.

型号详解
Model Coding

□□ ↔ □□ □ ↔ □

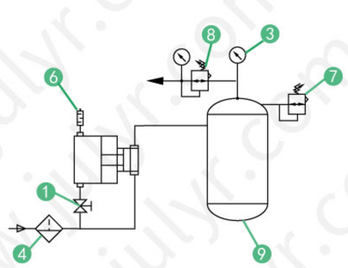
产品系列 Model	增压比 Pressure ratio	介质 Medium	安装方式 Installation method
标值 Scale value / 系列 Model	增压比详见各系列参数表 Find pressure ratio in parameters of every series	标值 Scale value / 介质 Medium	标值 Scale value / 安装方式 Installation method
JL-JA 空气增压泵 Air amplifier		A 空气 Air	L 脚架安装 Shape holder
JL-JG 单头气体增压泵 Single head air driven gas booster pump		N 氮气 Nitrogen	T 用户指定 User specified
JL-JGD 双头气体增压泵 Double heads air driven gas booster pump		NA 天然气 Natural gas	
JL-2JGD 双头气体增压泵 (双驱动) Double heads air driven gas booster pump (dual driving)		H 氢气 Hydrogen	
JL-JGT 双级气体增压泵 Double-stage air driven gas booster pump		O 氧气 Oxygen	
JL-2JGT 双级气体增压泵 (双驱动) Double-stage air driven gas booster pump (dual driving)		QT 特殊气体 Special gas	

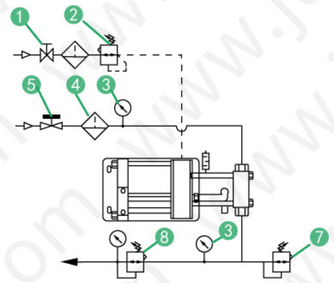
特殊气体介质增压，请另咨询，可以根据客户要求订制或改制各种气气增压泵。
Pressurizing special gas, please contact with us. We can restructure various gas booster pumps according to the customer's requirements.

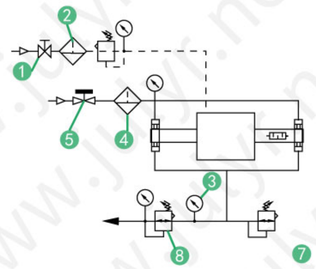
典型安装回路
Circuit diagram of installation

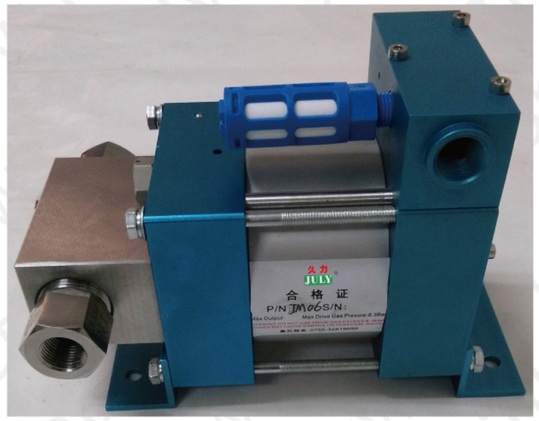
数字解析如下：
❶驱动气源开关
❷空气调压阀
❸压力表
❹过滤器
❺高压力开关阀
❻消音器
❼安全溢流阀
❽高压调压阀
❾储气罐

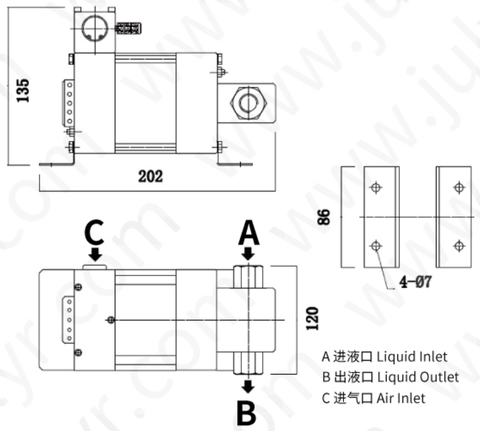
Explaination of numbers as below:
❶Switch of driving gas source
❷Air pressure regulating valve
❸Pressure gauge
❹Filter
❺High pressure needle valve
❻Muffler
❼Safety relief valve
❽High pressure regulating valve
❾Gas storage tank.











JL-2JGT

微型气液增压泵
Micro air driven liquid booster pump

JL-JM系列微型气液增压泵是为了解决许多特殊的应用而专门设计的产品。其最大的特点是体积小，耗能低，输出压力高。非常适合于仅要求保持压力、补充压力、低频率动的场合。产品的驱动活塞直径为80mm，净重2.4公斤，非常适合野外或海洋作业，携带方便。

JL-JM系列微型气液增压泵，最大输出压力可达800公斤。适用于液压油、纯水、蒸馏水、负离子水、化学溶剂、软性化学制品和液态CO2等大部分液体。采用普通压缩空气驱动，特殊场合也可使用液化氮气、管道氮气等大部分气体作为驱动源。

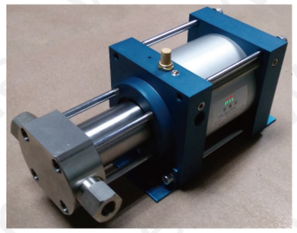
JL-JM series micro air driven liquid booster pump is designed for some special applications. The biggest feature is small size and low energy consumption and the high output pressure. This series are suitable for a situation where need to maintaining and adding pressure in low low frequency motion. Diameter of the driving piston is 80mm, the net weight is in 2.4kg, which is very suitable for the field operation and marine operations.

JL-JM series micro gas-liquid booster pump, the maximum liquid output pressure is up to 800kg. Working medium could be hydraulic oil, pure water, distilled water, negative ion water, chemical solvent, soft chemical products, liquid CO2 and other most of liquid. The driving source can be compressed air. In special case it also could use nitrogen gas, liquefied nitrogen and other most of the gas as the driving source.

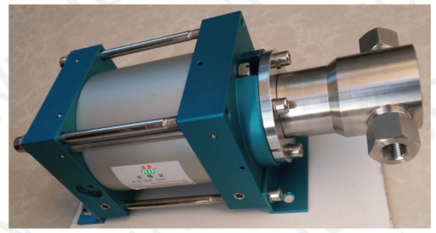
技术参数/Specifications

型号 Model	增压比 Pressure Ratio	最大输出压力 Maximum Output Pressure（bar）	最大流量 Maximum Flow Rate (L/min)	接入口尺寸 Joint Angle Size		
				驱动口 Air Inlet port	入口 Inlet port	出口 Outlet port
JL-JM06	6:1	42	1.93	G3/8"	PT3/8"	PT3/8"
JL-JM10	10:1	70	1.18	G3/8"	PT3/8"	PT3/8"
JL-JM16	16:1	112	0.61	G3/8"	PT3/8"	PT3/8"
JL-JM25	25:1	175	0.48	G3/8"	PT3/8"	PT3/8"
JL-JM45	45:1	315	0.27	G3/8"	PT3/8"	PT3/8"
JL-JM64	64:1	448	0.18	G3/8"	PT3/8"	PT3/8"
JL-JM100	100:1	700	0.12	G3/8"	PT3/8"	PT3/8"

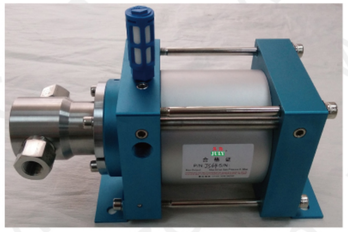
基于驱动气压7Bar 时，耗气量0.6m³/min.　　When the driving air pressure is 7Bar , the air consumption is 0.6M³/ min.



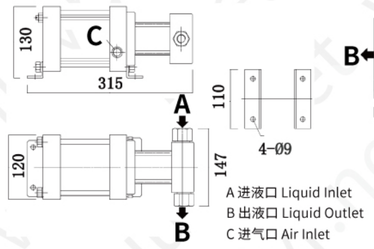
JL-JS04/JL-JS06



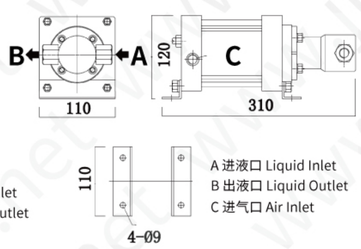
JL-JS10/JL-JS16/JL-JS25/JS45



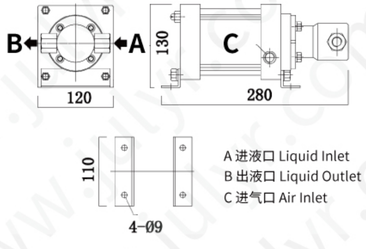
JL-JS64/JL-JS100/JL-JS130



JL-JS04/JL-JS06



JL-JS10/JL-JS16/JL-JS25/JS45



JL-JS64/JL-JS100/JL-JS130

小型气液增压泵
Microair driven liquid booster pump

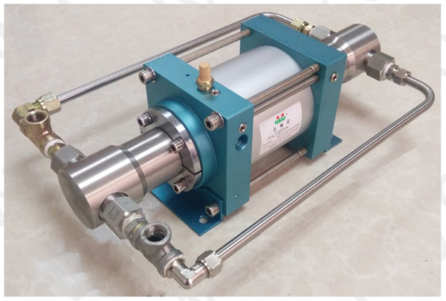
JL-JS系列气液增压泵是单头型液体增压泵，属于小型增压泵，性价比高。驱动缸筒直径100mm，泵身体积小，重量轻，结构简单易维护。最大可输出100MPa的液体压力，适用于多种介质。

JL-JS series is a single head air driven liquid booster pump, which belongs to micro pump and is cost-effective. The diameter of driving cylinder is 100mm, the advantage is small size, light weight, simple structure and easy maintenance. The maximum liquid output pressure is up to 100MPa, it can be applicable to a variety of media.

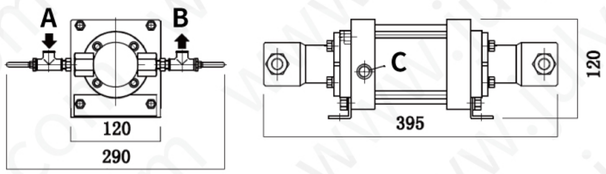
技术参数/Specifications

型号 Model	增压比 Pressure Ratio	最大输出压力 Maximum Output Pressure（bar）	最大流量 Maximum Flow Rate (L/min)	接入口尺寸 Joint Angle Size		
				驱动口 Air Inlet port	入口 Inlet port	出口 Outlet port
JL-JS04	4:1	28	7.04	PT3/8"	PT3/8"	PT3/8"
JL-JS06	6:1	42	4.52	PT3/8"	PT3/8"	PT3/8"
JL-JS10	10:1	70	2.54	PT3/8"	PT3/8"	PT3/8"
JL-JS16	16:1	112	1.76	PT3/8"	PT3/8"	PT3/8"
JL-JS25	25:1	175	0.91	PT3/8"	PT3/8"	PT3/8"
JL-JS45	45:1	315	0.72	PT3/8"	PT3/8"	PT3/8"
JL-JS64	64:1	448	0.37	PT3/8"	PT3/8"	PT3/8"
JL-JS100	100:1	700	0.26	PT3/8"	PT3/8"	PT3/8"
JL-JS130	130:1	910	0.21	PT3/8"	PT3/8"	PT3/8"

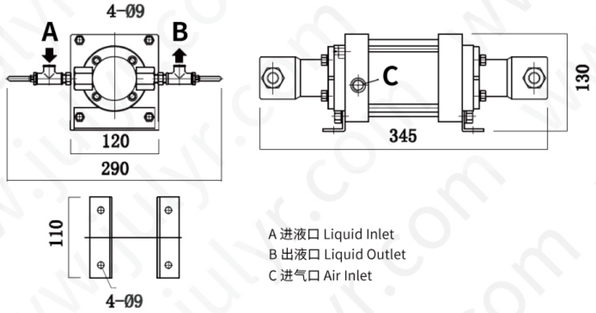
基于驱动气压7Bar 时，耗气量0.7m³/min.　　When the driving air pressure is 7Bar , the air consumption is 0.7M³/ min.



JL-JST10/JST16/JL-JST25/JL-JST45



JL-JST64/JST100/JL-JST130



小型气液增压泵(双头)

Micro air driven liquid booster pump (double heads)

JL-JST系列气液增压泵是双头型液体增压泵，属于双作用增压泵，它是在JL-JS系列的基础上改进而成，增加了一高压腔，使之在往复行程中都进行液体增压。输出流量大，压力脉冲小，同时稳定性也更高。

JL-JST series is a double heads air driven liquid booster pump, which belongs to double action booster pump. Comparing with the JL- JS series, JL-JST series pump adds a high pressure cavity for liquid pressurization during reciprocating stroke with larger output flow rate. Higher flow, smaller pressure pulse and higher stability.

技术参数/Specifications

型号 Model	增压比 Pressure Ratio	最大输出压力 Maximum Output Pressure（bar）	最大流量 Maximum Flow Rate (L/min)	接入口尺寸 Joint Angle Size		
				驱动口 Air Inlet port	入口 Inlet port	出口 Outlet port
JL-JST10	10:1	70	4.07	PT3/8"	PT3/8"	PT3/8"
JL-JST16	16:1	112	2.4	PT3/8"	PT3/8"	PT3/8"
JL-JST25	25:1	175	0.91	PT3/8"	PT3/8"	PT3/8"
JL-JST45	45:1	315	1.46	PT3/8"	PT3/8"	PT3/8"
JL-JST64	64:1	448	0.59	PT3/8"	PT3/8"	PT3/8"
JL-JST100	100:1	700	0.41	PT3/8"	PT3/8"	PT3/8"
JL-JST130	130:1	910	0.34	PT3/8"	PT3/8"	PT3/8"

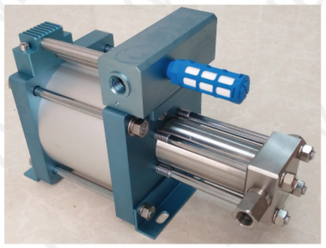
基于驱动气压7Bar 时，耗气量0.7m^3/min.　　When the driving air pressure is 7Bar , the air consumption is 0.7M^3/ min.

通用型气液增压泵

Common air driven liquid booster pump

JL-JL系列气液增压泵是单头型液体增压泵，属于通用型增压泵，气动缸筒直径160mm，可同时满足输出压力高、输出流量大两要求，是工业产品配套及各种压力试验的首选。广泛应用于各领域如井口控制柜、胶管测试台、阀门测试台、容器测试设备、液体爆破测试台、液压工具动力包等。

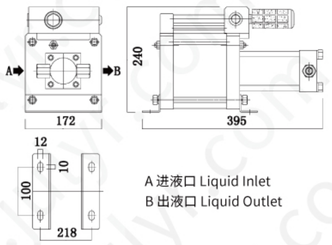
JL-JL series is a single head air driven liquid booster pump, which is common booster pump. Diameter of the driving cylinder is 160mm. It can meet the requirements of high output pressure and large output flow at the same time. It is the first choice for industrial and various of pressure tests. JL series is used widely in complete equipment of various industrial fields, such as wellhead control cabinet, hose test bench, valve test bench, container test equipment, liquid blasting test bench, hydraulic power tool bag etc.

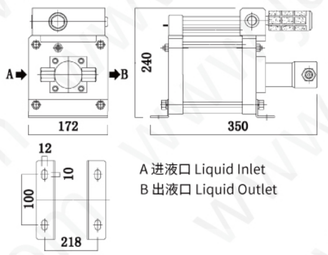


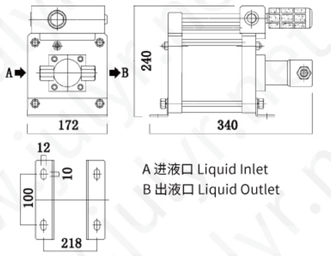
JL-JL07/JL-JL10

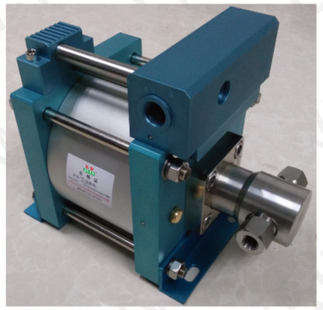
JL-JL16/JL-JL20/JL-JL28

JL-JL40 /JL-JL64 / JL-JL80/
JL- JL100/ JL-JL130

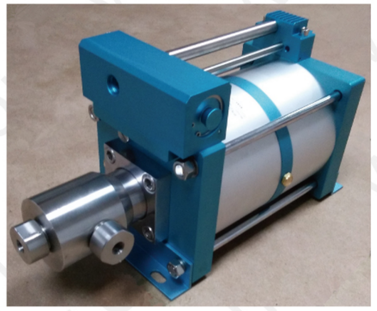




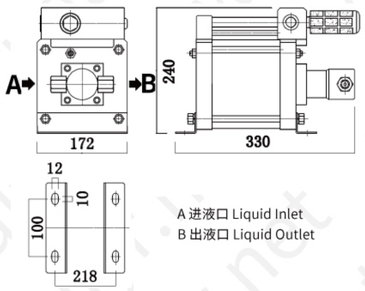




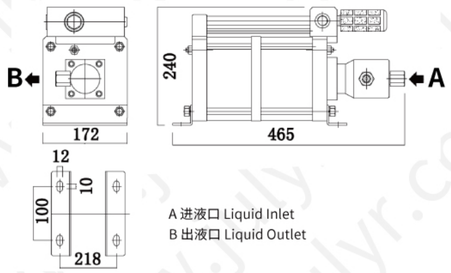
JL-JL170 / JL-JL240/
JL-JL300 / JL-JL400



JL- JL512/JL-JL640



A 进液口 Liquid Inlet
B 出液口 Liquid Outlet



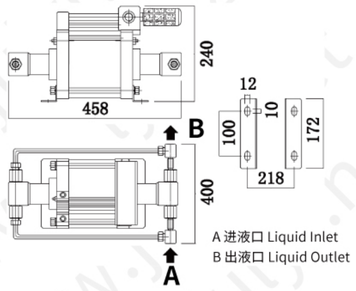
A 进液口 Liquid Inlet
B 出液口 Liquid Outlet

技术参数/Specifications

型号 Model	增压比 Pressure Ratio	最大输出压力 Maximum Output Pressure（bar）	最大流量 Maximum Flow Rate (L/min)	接入口尺寸 Joint Angle Size		
				驱动口 Air Inlet port	入口 Inlet port	出口 Outlet port
JL-JL07	7:1	56	7.49	G1/2"	PT1/2"	PT1/2"
JL-JL10	10:1	80	5.59	G1/2"	PT1/2"	PT1/2"
JL-JL16	16:1	112	4.02	G1/2"	PT1/2"	PT1/2"
JL-JL20	20:1	140	3.08	G1/2"	PT1/2"	PT1/2"
JL-JL28	28:1	196	2.26	G1/2"	PT1/2"	PT1/2"
JL-JL40	40:1	280	1.57	G1/2"	PT3/8"	PT3/8"
JL-JL64	64:1	448	1	G1/2"	PT3/8"	PT3/8"
JL-JL80	80:1	560	0.81	G1/2"	PT3/8"	PT3/8"
JL-JL100	100:1	700	0.46	G1/2"	PT3/8"	PT3/8"
JL-JL130	130:1	910	0.49	G1/2"	PT3/8"	PT3/8"
JL-JL170	170:1	1190	0.36	G1/2"	PT1/4"	UNF9/16"
JL-JL240	240:1	1680	0.19	G1/2"	PT1/4"	UNF9/16"
JL-JL300	300:1	2100	0.15	G1/2"	PT1/4"	UNF9/16"
JL-JL400	400:1	2800	0.12	G1/2"	PT1/4"	UNF9/16"
JL-JL512	512:1	3584	0.16	G1/2"	UNF9/16"	UNF9/16"
JL-JL640	640:1	4480	0.13	G1/2"	UNF9/16"	UNF9/16"

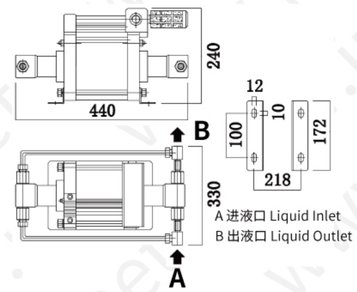
基于驱动气压7Bar 时，耗气量1.0m³/min.　　When the driving air pressure is 7Bar , the air consumption is 1.0M³/ min.

JL- JLT16/JL- JLT20/JL- JLT28



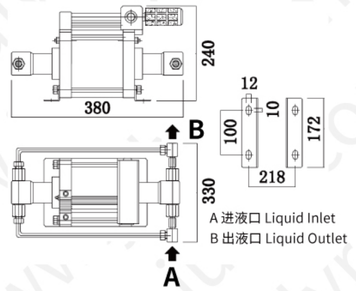
A 进液口 Liquid Inlet
B 出液口 Liquid Outlet

JL-JLT40/JL- JLT64/JL- JLT80/
JL- JLT100/JL- JLT130



A 进液口 Liquid Inlet
B 出液口 Liquid Outlet

JL-JLT170/JL- JLT240/
JL- JLT300/JL- JLT400



A 进液口 Liquid Inlet
B 出液口 Liquid Outlet

通用型气液增压泵(双头)
Common air driven liquid booster pump (double head)

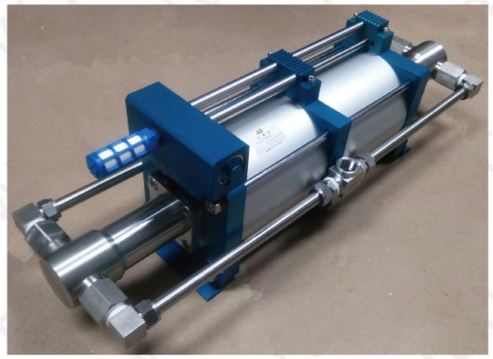
JL-JLT系列气液增压泵驱动活塞直径160mm，是双作用液体增压泵，在JL-JL系列的基础上增加了一高压腔，使之在往复行程中都进行液体增压，输出流量更大，稳定性更高。

JL-JLT series is a double heads air driven liquid booster pump, diameter of driving piston is 160mm. Comparing with the JL series, JLT series pump adds a high pressure cavity for liquid pressurization during reciprocating stroke with larger output flow rate and higher stability.

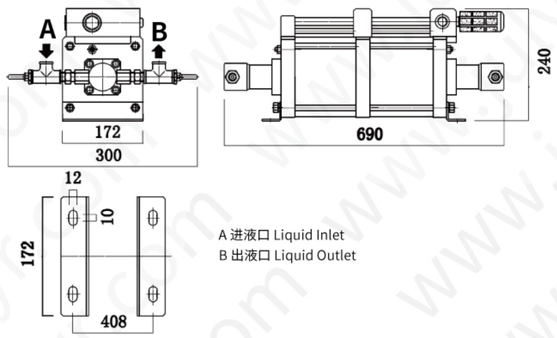
技术参数/Specifications

型号 Model	增压比 Pressure Ratio	最大输出压力 Maximum Output Pressure（bar）	最大流量 Maximum Flow Rate (L/min)	接入口尺寸 Joint Angle Size		
				驱动口 Air Inlet port	入口 Inlet port	出口 Outlet port
JL-JLT16	16:1	112	6.34	G1/2"	PT1/2"	PT1/2"
JL-JLT20	20:1	140	4.92	G1/2"	PT1/2"	PT1/2"
JL-JLT28	28:1	196	3.62	G1/2"	PT1/2"	PT1/2"
JL-JLT40	40:1	280	2.51	G1/2"	PT3/8"	PT3/8"
JL-JLT64	64:1	448	1.61	G1/2"	PT3/8"	PT3/8"
JL-JLT80	80:1	560	1.3	G1/2"	PT3/8"	PT3/8"
JL-JLT100	100:1	700	1.02	G1/2"	PT3/8"	PT3/8"
JL-JLT130	130:1	910	0.79	G1/2"	PT3/8"	PT3/8"
JL-JLT170	170:1	1190	0.58	G1/2"	PT1/4"	PT1/4"
JL-JLT240	240:1	1680	0.3	G1/2"	PT1/4"	PT1/4"
JL-JLT300	300:1	2100	0.24	G1/2"	PT1/4"	PT1/4"
JL-JLT400	400:1	2800	0.19	G1/2"	PT1/4"	PT1/4"

基于驱动气压7Bar 时，耗气量1.0m³/min.　　When the driving air pressure is 7Bar , the air consumption is 1.0M³/ min.



JL-2JLT



A 进液口 Liquid Inlet
B 出液口 Liquid Outlet

双头气液增压泵(双驱动)
Double heads air driven liquid booster pump (dual driving)

JL-2JLT系列气液增压泵是双驱动双作用液体增压泵，属于大流量增压泵，是在JLT系列的基础上增加了一驱动缸，使输出流量实现翻倍，主要应用于对流量有要求的场合。

JL-2JLT series is a dual driving and double action air driven liquid booster pump, which belongs to large flow booster pump. Comparing with the JL- JLT series, JL-2JLT series add driving cylinder to let the output flow is doubled, and it is mainly used in the occasion where flow is required.

技术参数/Specifications

型号 Model	增压比 Pressure Ratio	最大输出压力 Maximum Output Pressure（bar）	最大流量 Maximum Flow Rate (L/min)	接入口尺寸 Joint Angle Size		
				驱动口 Air Inlet port	入口 Inlet port	出口 Outlet port
JL-2JLT16	16:1	112	12.86	G1/2"	PT1/2"	PT1/2"
JL-2JLT20	20:1	140	9.84	G1/2"	PT1/2"	PT1/2"
JL-2JLT28	28:1	196	7.23	G1/2"	PT1/2"	PT1/2"
JL-2JLT40	40:1	280	5.02	G1/2"	PT1/2"	PT1/2"
JL-2JLT64	64:1	448	3.22	G1/2"	PT3/8"	PT3/8"
JL-2JLT80	80:1	560	2.6	G1/2"	PT3/8"	PT3/8"
JL-2JLT100	100:1	700	2.05	G1/2"	PT3/8"	PT3/8"
JL-2JLT130	130:1	910	1.58	G1/2"	PT3/8"	PT3/8"
JL-2JLT170	170:1	1190	1.51	G1/2"	PT1/4"	PT1/4"
JL-2JLT240	240:1	1680	0.6	G1/2"	PT1/4"	PT1/4"
JL-2JLT300	300:1	2100	0.49	G1/2"	PT1/4"	PT1/4"
JL-2JLT400	400:1	2800	0.38	G1/2"	PT1/4"	PT1/4"

基于驱动气压7Bar 时，耗气量1.0m³/min.　　When the driving air pressure is 7Bar , the air consumption is 1.0M³/ min.

型号详解
Model Coding

□□ ↔ □□ □ ↔ □

□□ 产品系列 Model

标值 Scale value	系列 Model
JL-JM	单头微型增压泵 Micro air driven liquid booster pump
JL-JL	单头小型增压泵 Single head air driven liquid booster pump
JL-JST	双头小型增压泵 Double heads air driven liquid booster pump
JL-JLT	双头通用增压泵 Double heads air driven liquid booster pump
JL-2JLT	双头大型增压泵 Double heads air driven liquid booster pump (dual driving)

□□ 增压比 Pressure ratio

增压比详见各系列参数表
Find pressure ratio in parameters of every series

□ 介质 Medium

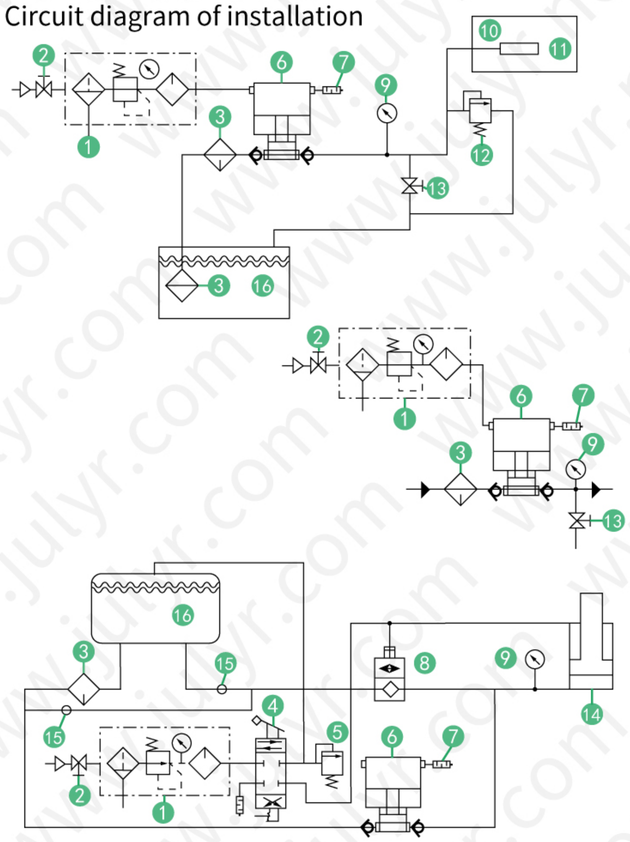
标值 Scale value	介质 Medium
H	液压油 Hydraulic oil
W	水 water
C	氟利昂 Refrigerant
F	腐蚀性液体 Corrosive liquids
T	特殊介质 Special medium

□ 安装方式 Installation method

标值 Scale value	安装方式 Installation method
L	脚架安装 Shape holder
T	用户指定 User specified

特殊液体介质增压，请另咨询，可以根据客户要求订制或改制各种气液增压泵。
Pressurizing special gas, please contact with us. We can restructure various gas booster pumps according to the customer's requirements.

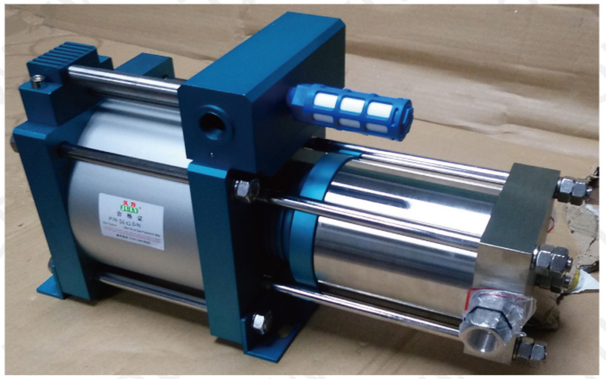
典型安装回路
Circuit diagram of installation



数字解析如下：
❶气动三联件
❷驱动气源开关
❸液体过滤器
❹手动四通阀
❺空气调压阀
❻气动液体增压泵
❼消音器
❽气动卸荷阀
❾液压表
❿测试箱
⓫被测试件
⓬安全溢流阀
⓭排液阀
⓮液压缸
⓯单向阀
⓰液箱

Explaination of numbers as below:
❶Pneumatic FRL
❷Switch of driving gas source
❸Liquid Filter
❹Manual four-way valve
❺Regulating valve of air pressure
❻Air driven liquid booster pump
❼Muffler
❽Pneumatic unloading valve
❾Hydraulic gauge
❿Testing box
⓫Tested object
⓬Safety relief valve
⓭Drawoff valve
⓮Hydraulic cylinder
⓯Check valve
⓰Liquid tank

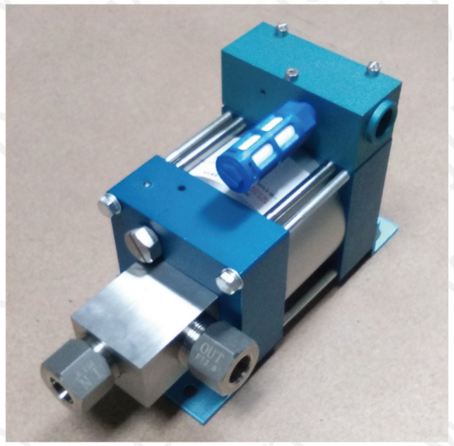
特殊气驱泵
Dedicated air driven pump



JL-JG-O氧气增压泵
JL-JG-O oxygen booster pump

久力氧气增压泵采用气体驱动，安全，无产生热、火星/火花的危险。无油润滑，导向连接套装置用于将气体压缩缸与空气驱动缸分离，保证被压缩介质不被污染及稳定压力的输出能力，压缩超纯气体、材料性能显著、持久、安全性好、噪声低。

Julyr oxygen booster pump adopts to air driven as the power, safety and without risk of generating heat, mars or spark. Oil free lubrication. The air driving cylinder is separated from the compression cylinder, so the compressed medium can't be contaminated and got the stable output pressure. Compression of ultra pure gases, material properties significantly, durable, good safety, low noise.



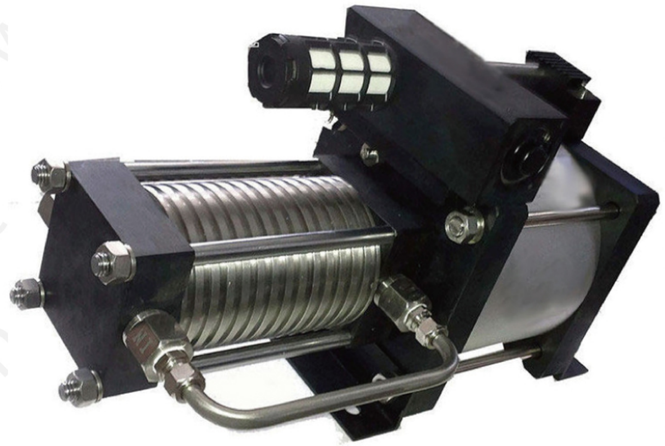
JL-JM - L夹模锁模泵
JL-JM - L Clamping die booster pump

久力液压快速换模装置专用气动油泵，以2-8公斤压缩空气作为动力源，无需电源。利用压缩空气驱动大活塞从而产生小活塞端的高压液压油。达到设定油压，气动泵自动停止；压力下降，自动补压。
Julyr special air driven pump for hydraulic quick mould changing, using 2-8 kg compressed air as the power source, no need of electric power supply. The large piston is driven by compressed air to get high pressure of hydraulic oil at the small piston end. The air driven pump stops automatically when the target oil pressure is reached, the pressure decline and automatically adding pressure.

冷媒增压泵
Refrigerant booster pump

（一） 简介
1，久力气动冷媒增压泵是目前国内最成熟最先进的冷媒增压设备，冷媒增压泵型号有FB04，4FB04，FB10，4FB10，FB40，主要应用于新型环保制冷剂，液化气体（如CO2，SF6，氟里昂，氟龙）的回收与灌注。
1. Julyr pneumatic refrigerant booster pump is the most advanced refrigerant pressure equipment in China this time. The models of refrigerant booster pump are FB04, 4FB04, FB10, 4FB10, FB40. It's always used in recycling and infusion of new environment-friendly refrigerant and liquefied gas, such as CO2, SF6, Freon, Teflon etc.

2，久力气动冷媒增压泵采用单气控非平衡气体分配阀来实现泵的往复运动，泵体全部采用铝合金及不锈钢制造，密封件采用进口优质产品，泵的驱动活塞直径为160mm，为双级双作用泵。采用压缩空气驱动，安全防爆，增压泵的驱动缸与被增压介质缸完全分开，介质无污染。
Julyr pneumatic refrigerant booster pump, it move back and forth by the single pneumatic non-equilibrium gas distribution valve. The body of pump is made of aluminum alloy and stainless steel, and using imported sealing ring. Diameter of the driving piston is 160mm. It is a double action refrigerant booster pump. Using compressed air driving, safety and explosion-proof. The driving cylinder is separated from the pressurizing cylinder, so the pressurized medium can't be contaminated.



（二） 特点 Features
1，适用于R22、R134a、R407C、R410A等各种冷媒的输送。
July pump can carry various refrigerants, such as R22, R134a, R407C, R410A etc.
2，该装置用于制冷行业生产中需要较远距离输送的冷媒中央输送增压站。
On the production process of refrigeration industry, it’ s usually used as a central booster station to conveying refrigerant for a long way.
3，可节省生产线上冷媒搬运、换储气罐环节、节约人力、减少冷媒浪费。
In the production line，it can save the time of handing refrigerant and replacing tanks, but also can save manpower and reduce waste of the refrigerant.
4，全气动运行，无需电。
Operation by pneumatic, and no need electric power supply.
5，制冷行业：冷媒填充量在100kg以上的机组维修或生产加注。
Referigeration industry: For repairing, production and filling unit during the filling capacity of refrigerant more than 100kg.
6，制冷行业：冷媒加注或常压冷媒的加压工作。
Refrigeration industry: pressurizing and filling refrigerant.
7，冷媒生产行业：冷媒的灌装及大罐残液的回收。
Refrigerant production industry: filling refrigerant and recovering large residual liquid tank.

（三）技术参数 Technical Parameters
久力冷媒增压泵可同时实现气态、液态制冷剂的增压。
Julyr refrigerant booster pump can pressurize simultaneously liquid and gas refrigerant at same time.

技术参数/Specifications

型号 Model	增压比 Pressure Ratio	最大允许出口压力Po（bar） Maximum Outlet Air Pressure (bar)	驱动口尺寸 Air Inlet Port	入口尺寸 Inlet Por	出口尺寸 Outlet Port	1g/cm³标态密度下流量g/s 1g/cm³Standard State Flow Density g/s
JL-FB04	4：1	32	G1/2〃	PT3/8〃	PT3/8〃	400
JL-4FB04	4：1	32	G1/2〃	PT1〃	PT1〃	1500
JL-FB10	10：1	80	G1/2〃	PT3/8〃	PT3/8〃	160
JL-4FB10	10：1	80	G1/2〃	PT1〃	PT1〃	600
JL-FB40	40：1	320	G1/2〃	PT3/8〃	PT1/4〃	40