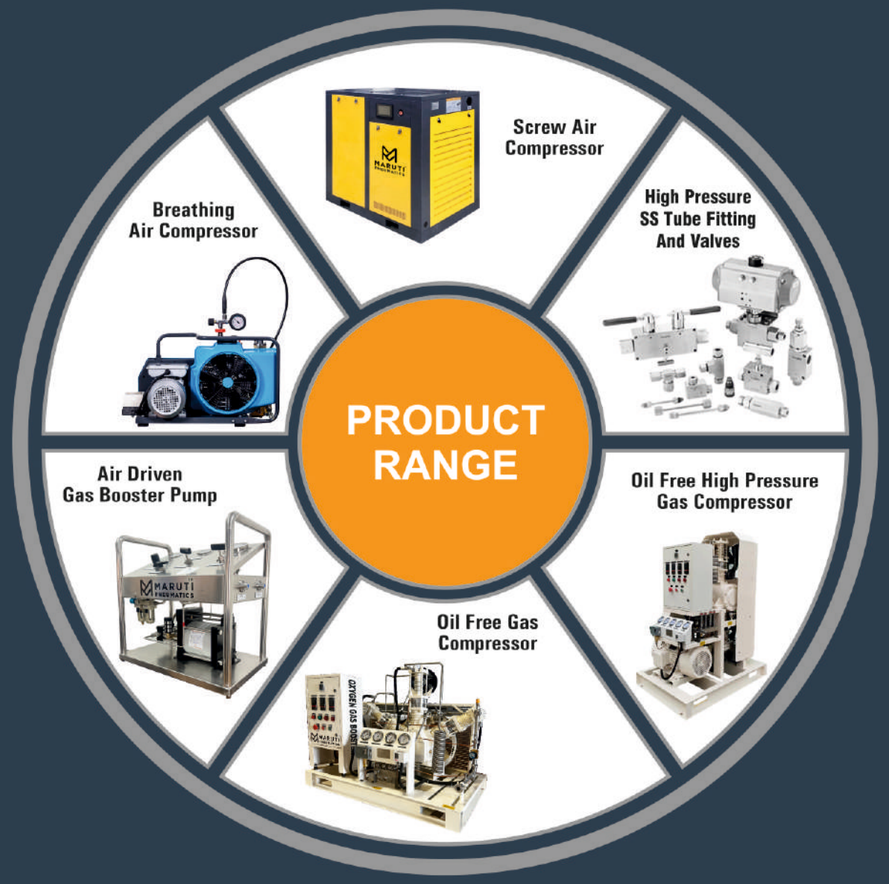

MARUTI™ PNEUMATICS

Follow us on :

Factory Address :
Plot No. 12, Survey No. 70, Lalpar Industrial Estate-1,
B/H- Shreeji Gold Vitrified, Lalpar, National Highway
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E-mail : sales@marutipneumatics.com

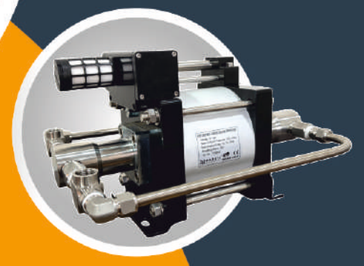
Contact No: +91 93777 70702

Quality Meets Excellence

MARUTI™ PNEUMATICS

Air Driven Liquid Booster Pump

Pressure Test Bench up to 85000 psi



- Quality
- Efficiency
- Reliability

Company Profile

MARUTI PNEUMATICS

GET TO KNOW ABOUT MARUTI PNEUMATICS :

MARUTI PNEUMATICS is an Asian listed enterprise, which was established in Gujarat in 2018, focusing on High Pressure Compressor revolutionary, sustainable & energy saving technology. MARUTI PNEUMATICS provides products, services and complete packages for compressed Air & Gas. We have a fundamental belief in environmental sustainability providing equipment & accessories with the highest reliability & efficiency that will meet the needs of industry now and in to the future helping to preserve our precious energy reserves.

Our products are designed for long life running and suitable for high temperature, high pressure, widely used in all kind of industry. MARUTI PNEUMATICS specialize and focus on R&D. design & manufacturer of Oil Free Gas Booster Pump, Air Amplifier, Liquid/Fluid Booster pump, High Pressure valves, Fittings, Storage tank & cylinders, Air Compressor, High Pressure Booster, Oil free Gas Compressor, oil lubricated Gas Compressor and other high-pressure accessories. Through professional design and strict quality control system, we ensure that the technical performance and reliability of each compressor are best in class and our quality is always in the leading position in the industry.

After years of Hard work, MARUTI PNEUMATICS has become an industry leader and has established list of regular customers from around the globe. Our products are being used in Oil & Gas, Petrochemical, Energy, Mining, Aerospace, Military, Automotive, Firefighting, Pharmaceutical, Chemical, Food, Fishing, Agriculture, Plastic, Packaging, Ceramic, Textile, Wood crafting, Kitchen ware, High pressure Test, Electronic Manufacturing, Data centers, each large & medium scale manufacturing industries with pneumatics machinery and conventional Hydraulic machinery Industries.

LEADERSHIP COMMENTRY:

Our mission at MARUTI PNEUMATICS is to revolutionize the industry by integrating modern technologies and sustainable practices into our production processes. We aim to lead the transition towards smart manufacturing by developing advanced automation systems, AI-driven analytics, and IoT-enabled equipment that enhance efficiency and precision. Our commitment to sustainability drives us to minimize our carbon footprint through energy-efficient designs and eco-friendly materials, ensuring our operations and products contribute positively to the environment. By fostering innovation and prioritizing customer-centric solutions, we strive to set new industry standards, drive growth, and deliver unparalleled value to our clients. Ultimately, our vision is to be at the forefront of technological advancement while promoting a greener, more connected future in industrial manufacturing.

Index...

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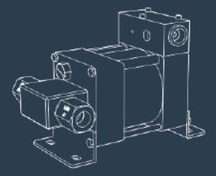


M Series Micro Liquid Booster Pump

Air Driven Liquid Pump of M Series

The M series gas-liquid booster pump is a compressed air driven single-acting liquid booster pump, characterized by small size, small flow, low energy consumption and high output pressure.

The maximum output pressure can reach 1469.1bar;

Fewer parts and seals, simpler maintenance, and lower maintenance costs;Fewer parts and seals, simpler maintenance, and lower maintenance costs;

Easy to carry, with a maximum net weight of only 3.6kg, very suitable for field and marine operations;

Applicable to most liquids such as hydraulic oil, pure water, distilled water, negative ion water,chemical solvents, soft chemicals and liquid carbon dioxide;

A variety of gas drives: most gases such as compressed air, gasified liquid nitrogen, natural gas, etc. can be used as drive sources, providing an independent external power device.

Main features:

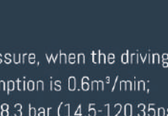
- Based on static pressure, when the driving air pressure is 7 bar, the air consumption is 0.6m³/min;
- Drive pressure 1bar-8.3 bar (14.5-120.35psi), M series is single drive piston (480mm);
- The high-pressure parts are made of stainless steel, and the pneumatic parts are made of aluminum alloy;
- M series standard products are straight-through type (liquid inlet and outlet are 180°), ordering code such as: M64 (series code + pressure ratio); The M series can be customized with right-angle connection (liquid inlet and outlet are 90°, only the side is the medium inlet; order code such as: M64L (series code + pressure ratio + direction code);v

How To Order Special Media:

The M series can be used for liquid carbon dioxide, ordering code such as: M25-CO2 (series code + boost ratio + boost medium)

Application Scenario:

- M series gas-liquid booster pumps are suitable for situations where pressure needs to be maintained, pressure is supplemented, and low-frequency movement is required.
- Small volume hydraulic testing and burst testing - including but not limited to valves, pressure vessels, pressure switches, hoses, blowout preventers and other pressure components;
- Calibration of pressure gauges and sensors;
- Power source for hydraulic clamps;
- Power and control sources for wellhead equipment;
- Power source for various mobile and portable equipment;



Technical Parameters driving Gas Pressure: 7 Bar

Model	Piston/Rod Diameter Ø(mm)	Flow Rate Per Strok (mL)	Liquid Import IN	Liquid Import OUT	Maximum Output Pressure Bar @ Drive 8.3 Bar	Output Liquid Pressure (bar) 1bar=0.1mpa=1.019kg/cm²														
						0	25	50	75	100	150	175	200	250	300	350	400	600	800	1000
						Flow Rate Liters/minute (l/min)														
M04	40	37.68	PT3/8"	PT3/8"	33.2	11.31	5.28													
M07	30	21.21	PT3/8"	PT3/8"	58.1	6.36	2.97	0.85												
M10	25	14.73	PT3/8"	PT3/8"	83	4.42	3.83	1.62	0.59											
M16	20	9.42	PT3/8"	PT3/8"	132.8	2.83	2.45	2.07	1.41	0.57										
M25(L)	16	6.03	PT3/8"	PT3/8"	207.5	1.81	1.57	1.33	0.9	0.72	0.6	0.42	0.12							
M45(L)	12	3.39	PT3/8"	PT3/8"	373.5	1.02	0.88	0.85	0.81	0.78	0.75	0.68	0.51	0.31	0.27	0.14				
M64(L)	10	2.36	PT3/8"	NPT1/4"	531.2	0.71	0.61	0.59	0.57	0.54	0.52	0.49	0.47	0.45	0.38	0.14				
M100(L)	8	1.51	NPT1/4"	NPT1/4"	830	0.45	0.39	0.38	0.36	0.35	0.33	0.32	0.3	0.23	0.18	0.15	0.09	0.05		
M130(L)	7	1.15	NPT1/4"	NPT1/4"	1079	0.35	0.3	0.29	0.28	0.25	0.23	0.18	0.16	0.22	0.14	0.12	0.09	0.07	0.03	
M177	6	0.84	NPT1/4"	NPT1/4"	1469.1	0.26	0.21	0.21	0.2	0.2	0.19	0.17	0.14	0.12	0.1	0.09	0.07	0.05	0.03	0.02

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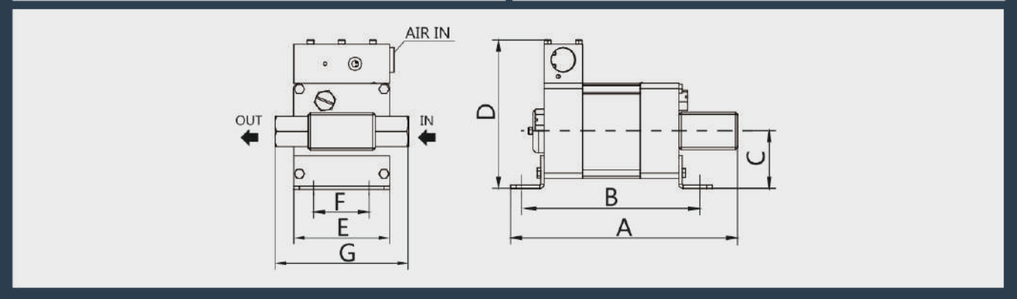
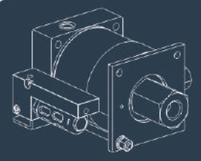


Model	Drive air interface (AIR IN)	Installation Size/(mm)									Mounting Holes	Weight /kg
		A	B	C	D	E	F	G	H	I		
M04	PT3/8"	202	162	51.75	135	86.5	50	120	/	/	4-φ7*12	3.5
M07	PT3/8"	202	162	51.75	135	86.5	50	120	/	/	4-φ7*12	3.5
M10	PT3/8"	202	162	51.75	135	86.5	50	124	/	/	4-φ7*12	3.5
M16	PT3/8"	202	162	51.75	135	86.5	50	114	/	/	4-φ7*12	3.4
M25	PT3/8"	202	162	51.75	135	86.5	50	114	/	/	4-φ7*12	3.6
M25L	PT3/8"	/	162	51.75	135	86.5	50	/	230	118	4-φ7*12	3.6
M45	PT3/8"	202	162	51.75	135	86.5	50	114	/	/	4-φ7*12	3.3
M45L	PT3/8"	/	162	51.75	135	86.5	50	/	230	118	4-φ7*12	3.3
M64	PT3/8"	202	162	51.75	135	86.5	50	110	/	/	4-φ7*12	3.3
M64L	PT3/8"	/	162	51.75	135	86.5	50	/	230	240	4-φ7*12	3.3
M100	PT3/8"	202	162	51.75	135	86.5	50	108	/	/	4-φ7*12	3.5
M100L	PT3/8"	/	162	51.75	135	86.5	50	/	230	240	4-φ7*12	3.5
M130	PT3/8"	202	162	51.75	135	86.5	50	108	/	/	4-φ7*12	3.5
M130L	PT3/8"	/	162	51.75	135	86.5	50	/	230	240	4-φ7*12	3.5
M177	PT3/8"	202	162	51.75	135	86.5	50	108	/	/	4-φ7*12	3.5

MARUTI PNEUMATICS



MS Series Micro Liquid Booster Pump

Air Driven Liquid Pump of MS Series

MS series gas-liquid booster pump is a compressed air driven single-acting liquid booster pump, characterized by small size, small flow, low energy consumption and high output pressure.

The maximum output pressure can reach 1560bar;

Fewer parts and seals, simpler maintenance, and lower maintenance costs;

Easy to carry, with a maximum net weight of only 4.5kg, very suitable for field and marine operations;

Applicable to most liquids such as hydraulic oil, pure water, distilled water, negative ion water, chemical solvents, soft chemicals and liquid carbon dioxide;

A variety of gas drives: most gases such as compressed air, gasified liquid nitrogen, natural gas, etc. can be used as drive sources, providing an independent external power device.

Main features:

- Based on static pressure, when the driving air pressure is 7 bar, the air consumption is 0.6m³/min;
- Drive pressure 1bar-8.3 bar (14.5-120.35psi), MS series is single drive piston (475mm);
- The high-pressure parts are made of stainless steel, and the pneumatic parts are made of aluminum alloy;

How To Order Special Media:

MS series can be used for liquid carbon dioxide, order code such as: MS21-CO2 (series code + boost ratio + boost medium)

Application Scenario:

- MS series gas-liquid booster pumps are suitable for situations where pressure needs to be maintained, pressure is supplemented, and low-frequency movement is required.
- Small volume hydraulic testing and bursting testing - including but not limited to valves, pressure vessels, pressure switches, hoses, blowout preventers and other pressure components;
- Calibration of pressure gauges and sensors;
- Power source for hydraulic clamps;
- Power and control sources for wellhead equipment;
- Power source for various mobile and portable equipment;

Technical Parameters driving Gas Pressure: 7 Bar

Model	Piston/Rod Diameter Ø(mm)	Flow Rate Per Strok (mL)	Liquid Import IN	Liquid Import OUT	Maximum Output Pressure Bar @ Drive 8.3 Bar	Output Liquid Pressure (bar) 1bar=0.1mpa=1.019kg/cm²													
						0	20	40	60	80	100	120	140	180	250	350	400	600	800	1000
						Flow Rate Liters/minute (l/min)														
MS05	30	13.6	NPT1"	NPT1/2"	41.5	8.3	7.16													
MS07	25	9.8	NPT3/4"	NPT1/2"	58.1	7.5	5.89	3.03												
MS12	20	5.9	NPT3/4"	NPT1/2"	99.6	4.27	4.0	3.47	2.84	1.64										
MS21	14	3.3	NPT3/8"	NPT1/4"	174.3	2.74	2.56	2.44	2.2	1.97	1.64	1.19	0.06							
MS36	10	2.0	NPT3/8"	NPT1/4"	298.8	1.64	1.59	1.53	1.47	1.40	1.34	1.27	1.19	0.93	0.81					
MS71	8	1.0	NPT3/8"	NPT1/4"	589.3	0.84	0.83	0.81	0.79	0.79	0.77	0.75	0.73	0.71	0.63	0.47	0.39			
MS110	6	0.6	NPT3/8"	NPT1/4"	913	0.56	0.55	0.55	0.55	0.54	0.53	0.53	0.52	0.51	0.48	0.45	0.42	0.28		
MS188	5	0.4	NPT3/8"	HF4	1560.4	0.33	0.33	0.32	0.32	0.32	0.32	0.32	0.32	0.31	0.30	0.29	0.28	0.25	0.20	0.10

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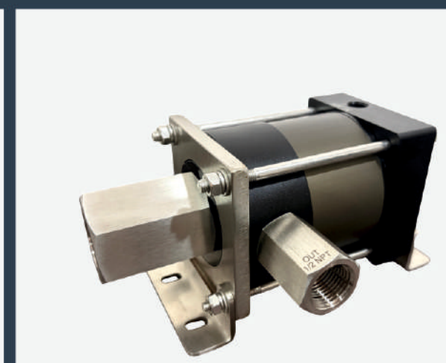

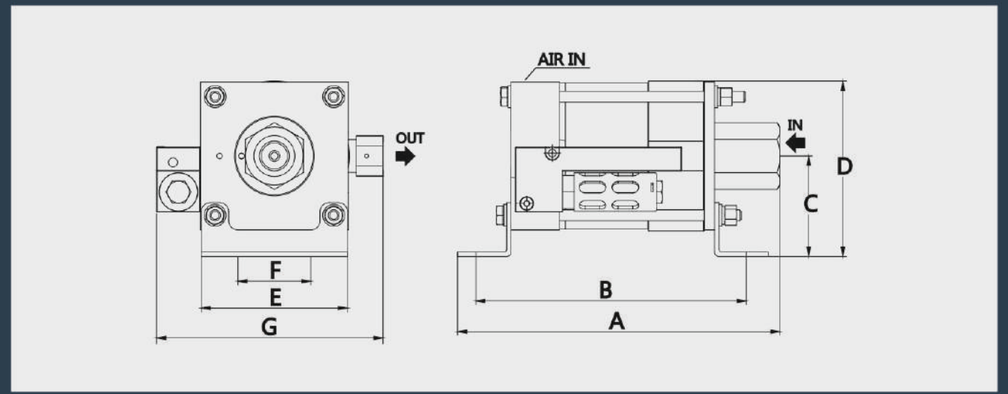

Model	Drive air interface (AIR IN)	Installation Size/(mm)								Weight /kg
		A	B	C	D	E	F	G	Mounting Holes	
MS05	PT1/4"	187.5	140.5	55	95.5	80	42	124.5	4-φ7*12	4.5
MS07	PT1/4"	184.5	140.5	55	95.5	80	42	124.5	4-φ7*12	4.5
MS12	PT1/4"	184.5	140.5	55	95.5	80	42	124.5	4-φ7*12	4.5
MS21	PT1/4"	176.5	140.5	55	95.5	80	42	120.5	4-φ7*12	3.2
MS36	PT1/4"	176.5	140.5	55	95.5	80	42	120.5	4-φ7*12	3.2
MS71	PT1/4"	176.5	140.5	55	95.5	80	42	120.5	4-φ7*12	3.2
MS110	PT1/4"	176.5	140.5	55	95.5	80	42	120.5	4-φ7*12	3.2
MS188	PT1/4"	176.5	140.5	55	95.5	80	42	124.5	4-φ7*12	3.2

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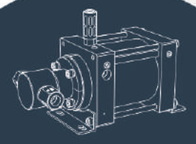

XH Series Liquid Booster Pump

Air Driven Liquid Pump of XH Series

XH series gas-liquid booster pump is a compressed air driven single-acting liquid booster pump with the advantages of high safety, high output pressure, no energy consumption for pressure maintenance, reliable structure, applicability to a variety of media and wide application.

Gas driven and no lubrication required, no heat, sparks or flames generated, safe pressurization and low cost;

The maximum output pressure can reach 1294bar;

The pressure is maintained without consumption,and the machine can automatically absorb liquid, maintain pressure, and replenish pressure. The structure is reliable and easy to maintain.

Suitable for most liquids and liquefied gases;

The equipment sets are widely used in various industrial fields and are the first choice for industrial product matching and various pressure tests.

Main features:

- Based on static pressure, when the driving air pressure is 7 bar, the air consumption is 0.7m³/min;
- Drive pressure 1bar-8.3 bar (14.5-120.35psi), XH series has single drive piston ∮ 100mm;
- The products are made of stainless steel and aluminum alloy;
- XH series standard product ordering code: such as Xh25 (series number + boost ratio)

Special Product Description:

Regarding the medium: When ordering XH series booster pumps, if there is a special medium, please indicate it when ordering: such as XH64-C02 (serial number + boost ratio + boost medium);

Application Scenario:

- Hydrostatic, burst and fatigue testing – valves, tanks, pressure vessels, pressure switches, hoses, pressure gauges, cylinders, sensors, blowout preventers, gas cylinders and aircraft components;
- Calibration of pressure gauges and sensors;
- Cutting and cleaning with water jets;Cutting and cleaning with water jets;Cutting and cleaning with water jets;
- Leak testing, oil and gas well shutdown systems;
- Used to test the pressurization of various component accumulators;
- Operation and control of wellhead equipment;

Technical Parameters driving Gas Pressure: 7 Bar

Model	Piston/Rod Diameter Φ(mm)	Flow Rate Per Strok (mL)	Liquid Import IN	Liquid Import OUT	Maximum Output Pressure Bar @ Drive 8.3 Bar	Output Liquid Pressure (bar) 1bar=0.1mpa=1.019kg/cm²												
						0	25	50	75	100	150	175	200	250	300	350	400	700
						Flow Rate Liters/minute (l/min)												
XH02	63	187.03	PT3/8"	PT3/8"	20.7	33.67												
XH04	50	117.81	PT3/8"	PT3/8"	33.2	28.27	16.49											
XH06	40	75.4	PT3/8"	PT3/8"	49.6	18.1	12.82	0										
XH10	30	42.41	PT3/8"	PT3/8"	83	10.18	8.48	6.36	2.12									
XH16	25	29.45	PT3/8"	PT3/8"	132.8	7.07	6.48	5.89	4.42	3.53								
XH25	18	18.85	PT3/8"	PT3/8"	207.5	4.52	4.15	3.77	3.39	3.02	2.64	1.89						
XH39	16	12.06	PT3/8"	PT3/8"	323.7	2.89	2.65	2.41	2.17	1.93	1.69	1.45	1.33	1.21				
XH64	12	6.79	PT3/8"	PT3/8"	531.2	1.63	1.49	1.36	1.29	1.22	1.15	1.09	1.02	0.95	0.88	0.81	0.34	
XH100	10	4.71	PT3/8"	PT3/8"	830	1.13	1.08	1.04	0.99	0.89	0.85	0.8	0.75	0.71	0.66	0.61	0.57	0
XH130	9	3.82	NPT1/4"	NPT1/4"	1079	0.92	0.88	0.84	0.8	0.73	0.69	0.65	0.61	0.57	0.53	0.5	0.46	0.31
XH156	8	3.02	NPT1/4"	NPT1/4"	1294	0.72	0.69	0.66	0.63	0.57	0.54	0.51	0.48	0.45	0.42	0.39	0.36	0.33

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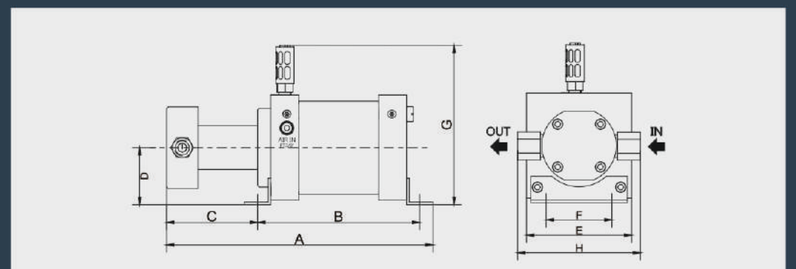

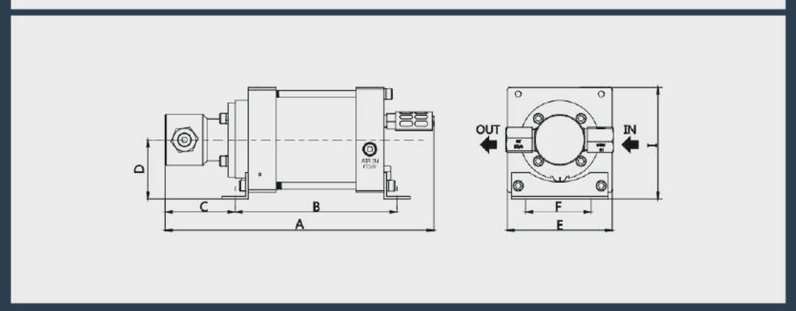

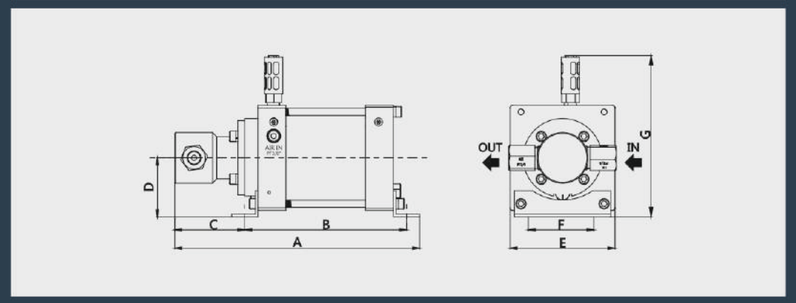

Model	Drive air interface (AIR IN)	Installation Size/(mm)										Weight /kg
		A	B	C	D	E	F	G	H	I	Mounting Holes	
XH02	PT3/8"	313	185	113	70	120	75	184.5	/	/	4-φ9*20	8.0
XH04	PT3/8"	313	185	113	70	120	75	184.5	/	/	4-φ9*20	7.0
XH06	PT3/8"	312	185	112	70	120	75	184.5	/	/	4-φ9*20	6.5
XH10	PT3/8"	330	190	103	70	110	75	/	330	130	4-φ9*20	6.5
XH16	PT3/8"	330	190	103	70	110	75	/	330	130	4-φ9*20	6.5
XH25	PT3/8"	330	190	103	70	110	75	/	333	130	4-φ9*20	6.5
XH39	PT3/8"	308	190	103	70	120	75	184.5	/	/	4-φ9*20	6.5
XH64	PT3/8"	278	185	80	70	120	75	184.5	/	/	4-φ9*20	6.5
XH100	PT3/8"	278	185	80	70	120	75	184.5	/	/	4-φ9*20	6.5
XH130	PT3/8"	278	185	80	70	120	75	184.5	/	/	4-φ9*20	6.0
XH156	PT3/8"	278	185	80	70	120	75	184.5	/	/	4-φ9*20	6.0

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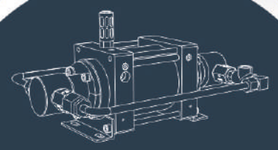

XT Series Liquid Booster Pump

Air Driven Liquid Pump of XT Series

XT series gas-liquid booster pump is a compressed air single-driven double-acting liquid booster pump with the advantages of high safety, high output pressure, low energy consumption, applicability to a variety of media and wide application.

Gas driven and no lubrication required, no heat, sparks or flames generated, safe pressurization and low cost;

The maximum output pressure can reach 1079bar;

Simple structure, strong reliability, easy maintenance, pressure maintenance without consumption, automatic liquid aspiration, automatic pressure maintenance, automatic pressure replenishment;

Applicable to a variety of media, special media can be used, please specify when ordering;

The equipment sets are widely used in various industrial fields and are the first choice for industrial product matching and various pressure tests.The equipment sets are widely used in various industrial fields and are the first choice for industrial product matching and various pressure tests.

Main features:

- Based on static pressure, when the driving air pressure is 7 bar, the air consumption is 0.8m³/min;
- Drive pressure 1bar-8.3 bar (14.5-120.35psi), XT series is single drive piston ∱ 100mm;
- The high-pressure parts are made of stainless steel, and the pneumatic parts are made of aluminum alloy;
- XT series standard product ordering code: such as XT64 (series number + boost ratio)

Special Product Instructions:

About the medium: Order code of XT series special medium: such as XT64-C02 (serial number + pressure ratio + pressure medium);
About the interface: If you need a special interface, please indicate it when ordering;

Application Scenario:

- XT series gas-liquid booster pumps are suitable for applications requiring pressure maintenance, pressure replenishment, and medium-frequency operation.
- Hydraulic testing, bursting and fatigue testing (including but not limited to valves, pressure vessels, pressure switches, hoses, blowout preventers and other pressure-bearing components);
- Injection of butyl rubber into vacuum glass;
- Hydraulic power source for tire vulcanizers;

Technical Parameters driving Gas Pressure: 7 Bar

Model	Piston/Ro Diameter ø(mm)	Flow Rate Per Strok (mL)	Liquid Import IN	Liquid Import OUT	Maximum Output Pressure Bar @ Drive 8.3 Bar	Output Liquid Pressure (bar) 1bar=0.1mpa=1.019kg/cm²												
						0	25	50	75	100	150	175	200	250	300	350	400	700
						Flow Rate Liters/minute (l/min)												
XT64	12	12.44	PT3/8"	PT3/8"	531.2	2.99	2.74	2.49	2.36	2.24	2.11	1.99	1.87	1.74	1.62	1.49	0.62	
XT100	10	8.64	PT3/8"	PT3/8"	830	2.07	1.99	1.9	1.81	1.64	1.56	1.47	1.38	1.3	1.21	1.21	1.04	0
XT130	9	7	NPT1/4"	NPT1/4"	1079	1.68	1.61	1.54	1.47	1.33	1.26	1.19	1.12	1.05	0.98	0.91	0.84	0.56

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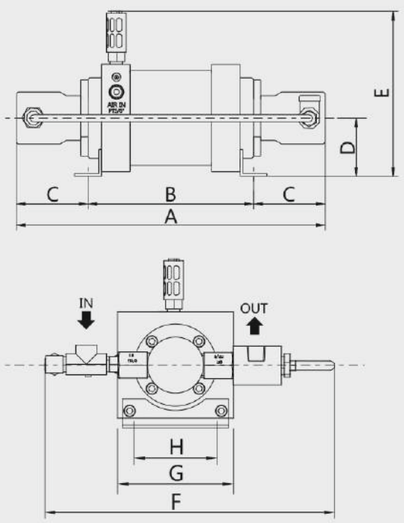

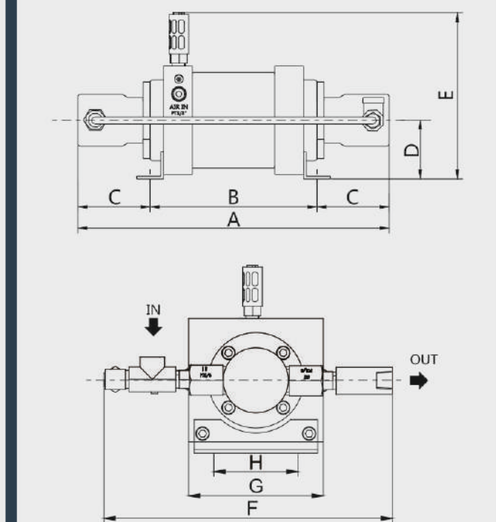

Model	Drive air interface (AIR IN)	Installation Size/(mm)									Weight /kg
		A	B	C	D	E	F	G	H	Mounting Holes	
XT64	PT3/8"	345	185	80	70	184.5	300	120	75	4-φ9*20	11
XT100	PT3/8"	350	190	80	70	184.5	310	120	75	4-φ9*20	11
XT130	PT3/8"	350	190	80	70	184.5	310	120	75	4-φ9*20	10

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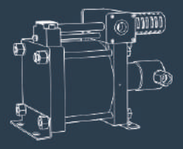

AH Series Liquid Booster Pump

Air Driven Liquid Pump of AH Series

AH series gas-liquid booster pump is a compressed air driven single-acting liquid booster pump with the advantages of high safety and high output pressure.

- The maximum output pressure can reach 3320bar;
- Gas drive prevents the medium from generating heat, sparks and flames during transmission, and the pressurization is safe;
- No air line lubrication required, saving costs and preventing contamination;
- It is suitable for most liquids and liquefied gases, and can maintain pressure at a predetermined pressure without energy consumption, automatically absorb liquid, automatically maintain pressure, and automatically replenish pressure;
- The product has compact structure, strong reliability and wide application range.

Main features:

- Based on static pressure, when the driving air pressure is 7 bar, the air consumption is 1.0m³/min;
- Drive pressure 1bar-8.3 bar (14.5-120.35psi), AH series is single drive piston (160mm);
- The high-pressure end is made of stainless steel, and the driving part is made of aluminum alloy;
- The standard medium of AH series products is water and oil. The order code is as follows: AH64 (series code + pressure ratio)

Special Product Instructions:

About the medium: AH series can be used for brake fluid, liquefied gas and other media. The order code is: AH20-C02 (series code + boost ratio + boost medium)

About the interface: If you need a special medium interface, please indicate it when ordering;

Application Scenario:

- AH series gas-liquid booster pumps are suitable for situations where pressure needs to be maintained, pressure supplemented, or high-frequency operation is required.
- Hydraulic test/burst test (including but not limited to valves, pressure vessels, pressure switches, hoses, blowout preventers and other pressure-bearing components);
- Calibration of pressure gauges and sensors;
- Automobile brake system testing, fuel injection nozzle testing;
- Power source for hydraulic tools (bolt tensioners, hydraulic nuts, etc.);
- Power and control sources for wellhead equipment;
- Power source of pneumatic hydraulic station;

Technical Parameters driving Gas Pressure: 7 Bar

Model	Piston/Rod Diameter Ø(mm)	Flow Rate Per Stroke (mL)	Liquid Import IN	Liquid Import OUT	Maximum Output Pressure Bar @ Drive 8.3 Bar	Output Liquid Pressure (bar) 1bar=0.1mpa=1.019kg/cm²															
						0	20	40	70	100	150	200	300	400	500	600	700	900	1200	1700	2350
						Flow Rate Liters/minute (l/min)															
AH02	100	471.24	PT3/4"	PT3/4"	20.7	56.55	0														
AH04	80	402.12	PT3/4"	PT3/4"	33.2	48.25	16.08														
AH07	63	249.38	PT3/4"	PT3/4"	49.6	29.93	9.98	4.99													
AH10	50	157.08	PT3/4"	PT3/4"	83	18.85	12.57	9.42	0												
AH16	40	100.53	PT3/4"	PT3/4"	132.8	12.06	9.05	7.04	6.03	4.02											
AH20	35	76.97	PT3/4"	PT3/4"	166	9.24	7.7	6.93	6.16	5.39	0										
AH28	30	56.55	PT1/2"	PT1/2"	232.4	6.79	5.66	5.09	4.52	3.96	3.39	0									
AH40	25	39.27	PT1/2"	PT1/2"	332	4.71	3.93	3.53	3.14	2.75	2.36	1.96	0								
AH64	20	25.13	NPT3/8"	NPT3/8"	498	3.02	2.51	2.26	2.01	1.76	1.51	1.26	1.01	0.75							
AH80	18	20.36	NPT3/8"	NPT3/8"	664	2.44	2.04	1.83	1.63	1.43	1.22	1.02	0.81	0.71	0.61						
AH100	16	16.08	NPT3/8"	NPT3/8"	830	1.93	1.77	1.61	1.53	1.37	1.21	0.96	0.8	0.64	0.56	0.48	0				
AH130	14	12.32	NPT3/8"	NPT3/8"	1079	1.48	1.42	1.36	1.23	1.11	0.99	0.86	0.74	0.62	0.49	0.43	0.37	0.12			
AH170	12	6.79	NPT3/8"	NPT3/8"	1411	0.81	0.78	0.75	0.71	0.68	0.61	0.54	0.48	0.41	0.34	0.27	0.24	0.2	0.07		
AH240	10	4.71	NPT3/8"	NPT1/4"	1992	0.57	0.54	0.52	0.49	0.47	0.42	0.38	0.33	0.28	0.24	0.19	0.16	0.14	0.12	0.09	
AH300	9	3.82	NPT1/4"	HF4	2490	0.46	0.44	0.44	0.42	0.4	0.38	0.34	0.31	0.27	0.23	0.19	0.17	0.15	0.12	0.1	
AH400	8	3.02	NPT1/4"	HF4	3320	0.36	0.35	0.35	0.33	0.32	0.3	0.27	0.24	0.21	0.18	0.15	0.14	0.12	0.11	0.11	0.08

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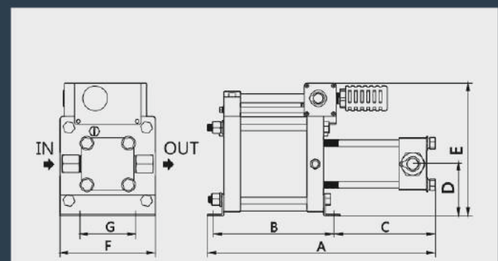

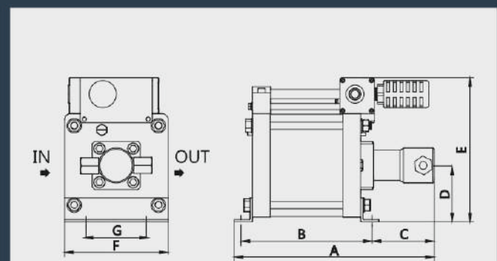

Model	Drive air interface (AIR IN)	Installation Size/(mm)								Weight /kg
		A	B	C	D	E	F	G	Mounting Holes	
AH02	G1/2"	391	218	162	94	240	172	100	4-φ12*22	15
AH04	G1/2"	412	218	184	94	240	172	100	4-φ12*22	15
AH07	G1/2"	391	218	162	94	240	172	100	4-φ12*22	15
AH10	G1/2"	391	218	162	94	240	172	100	4-φ12*22	15
AH16	G1/2"	349	218	120	94	240	172	100	4-φ12*22	17
AH20	G1/2"	332	218	103	94	240	172	100	4-φ12*22	16
AH28	G1/2"	332	218	103	94	240	172	100	4-φ12*22	14
AH40	G1/2"	332	218	103	94	240	172	100	4-φ12*22	14
AH64	G1/2"	332	218	103	94	240	172	100	4-φ12*22	14
AH80	G1/2"	339	218	110	94	240	172	100	4-φ12*22	14
AH100	G1/2"	339	218	110	94	240	172	100	4-φ12*22	14
AH130	G1/2"	339	218	110	94	240	172	100	4-φ12*22	14
AH170	G1/2"	300	208	81	94	240	172	100	4-φ12*22	13
AH240	G1/2"	300	208	81	94	240	172	100	4-φ12*22	14
AH300	G1/2"	300	208	81	94	240	172	100	4-φ12*22	14
AH400	G1/2"	300	208	81	94	240	172	100	4-φ12*22	14

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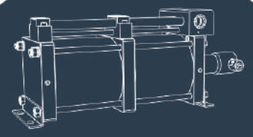

2AH Series Liquid Booster Pump

Air Driven Liquid Pump of 2AH Series

2AH series gas-liquid booster pump is a compressed air dual-driven single-acting liquid booster pump with the advantages of high safety and very high output pressure.

The maximum output pressure can reach 6640bar;

Gas drive prevents the medium from generating heat, sparks and flames during transmission, and the pressurization is safe;

No air line lubrication required, saving costs and preventing contamination;

Compact structure, strong reliability and easy maintenance.

Main features:

- Based on static pressure, when the driving air pressure is 7 bar, the air consumption is 1.6m³/min;
- Drive pressure 1bar-8.3 bar (14.5-120.35psi), 2AH series is double drive piston (160mm*2);
- The high-pressure end is made of stainless steel, and the driving part is made of aluminum alloy;
- About media: 2AH series can be used for water, hydraulic oil, organic solution, but the filtration accuracy of the media is higher, and the recommended filtration accuracy is at least 7μm;
- About the interface: If you need a special medium interface, please indicate it when ordering;

Application Scenario:

- 2AH series gas-liquid booster pumps are used in various blasting test equipment.
- (Including but not limited to bursting test, yield test, deformation test and strength test of hoses, steel pipes, hydraulic nuts, hydraulic tools, high-pressure valve fittings and various containers).

Technical Parameters driving Gas Pressure: 7 Bar

Model	Piston/Ro Diameter Ø(mm)	Flow Rate Per Strok (mL)	Liquid Import IN	Liquid Import OUT	Maximum Output Pressure Bar @ Drive 8.3 Bar	Output Liquid Pressure (bar) 1bar=0.1mpa=1.019kg/cm²															
						0	100	200	300	400	500	600	700	900	1200	1700	2200	2700	3600	4500	5400
						Flow Rate Liters/minute (l/min)															
2AH512	10	3.93	NPT1/4"	HF4	4249	0.47	0.45	0.43	0.41	0.39	0.35	0.31	0.28	0.24	0.2	0.16	0.14	0.12	0.1		
2AH630	9	3.18	NPT1/4"	HF4	5312	0.38	0.37	0.37	0.35	0.33	0.32	0.29	0.25	0.22	0.19	0.16	0.14	0.13	0.14	0.08	
2AH800	8	2.51	NPT1/4"	HF4	6640	0.3	0.29	0.29	0.28	0.26	0.25	0.23	0.2	0.18	0.15	0.13	0.11	0.1	0.1	0.09	0.06

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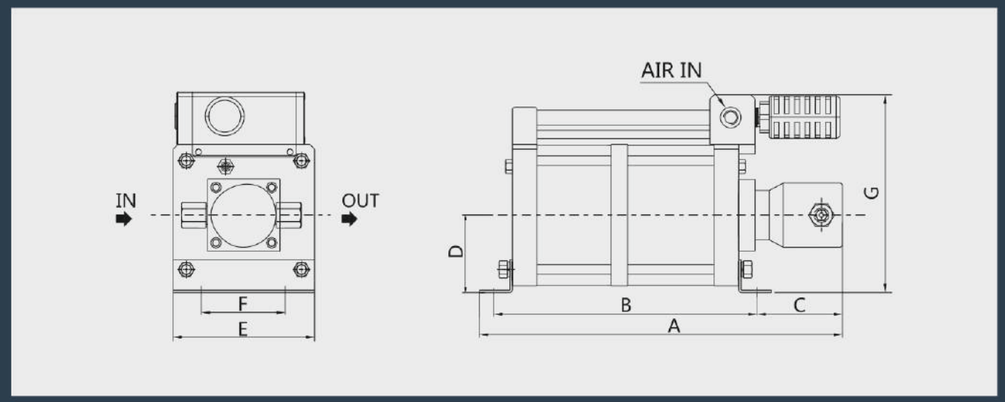

Model	Drive air interface (AIR IN)	Installation Size/(mm)								Weight /kg
		A	B	C	D	E	F	G	Mounting Holes	
2AH512	G1/2"	414	313	90	94	172	100	240	4-φ12*22	23
2AH630	G1/2"	414	313	90	94	172	100	240	4-φ12*22	23
2AH800	G1/2"	414	313	90	94	172	100	240	4-φ12*22	23

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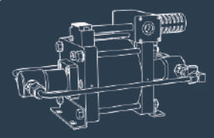

AT Series Liquid Booster Pump

Air Driven Liquid Pump of AT Series

AT series gas-liquid booster pump is a compressed air single-driven double-acting liquid booster pump with the advantages of high safety, high output pressure and larger flow rate.

The maximum output pressure can reach 3320bar, and the output flow rate is larger than that of AH series at the same pressure ratio;

Gas drive ensures that the medium does not generate heat, sparks or flames during transmission, and the pressurization is safe;

No air line lubrication required, saving costs and preventing contamination;

It is suitable for most liquids and liquefied gases, and can maintain pressure at a predetermined pressure without energy consumption, automatically absorb liquid, automatically maintain pressure, and automatically replenish pressure;

The product has compact structure, strong reliability and wide application range.

Main features:

- Based on static pressure, when the driving air pressure is 7 bar, the air consumption is 1.0m³/min;
- Drive pressure 1bar-8.3 bar (14.5-120.35psi), AT series is single drive piston (160mm);
- The high-pressure end is made of stainless steel, and the driving part is made of aluminum alloy;
- The medium of AT series standard products is water and oil. The order code is as follows: AT64 (series code + pressure ratio)

Special Product Instructions:

About the medium: AT series can be used for brake fluid, liquefied gas and other media. The order code is: AT20-C02 (series code + boost ratio + boost medium)

About the interface: If you need a special medium interface, please indicate it when ordering;

Application Scenario:

- AT series gas-liquid booster pumps are suitable for applications where both output pressure and flow rate requirements are high.
- Hydraulic test/burst test (including but not limited to valves, pressure vessels, pressure switches, hoses, blowout preventers and other pressure components;
- Pressurization of vehicle braking systems;
- Calibration of pressure gauges and sensors;
- Water jets for cutting and cleaning;
- Leak testing, oil and gas well shutdown systems;
- Operation and control of wellhead equipment;
- The raising and lowering of hydraulic lifting structures;

Technical Parameters driving Gas Pressure: 7 Bar

Model	Piston/Rod Diameter Ø(mm)	Flow Rate Per Strok (mL)	Liquid Import IN	Liquid Import OUT	Maximum Output Pressure Bar @ Drive 8.3 Bar	Output Liquid Pressure (bar) 1bar=0.1mpa=1.019kg/cm²															
						0	20	40	70	100	150	200	300	400	500	600	700	900	1200	1700	2350
						Flow Rate Liters/minute (l/min)															
AT04	80	401.92	PT3/4"	PT3/4"	33.2	90.37	30.15	0													
AT07	63	249.25	PT3/4"	PT3/4"	58.1	56.09	18.69	9.37	0												
AT10	50	235.5	PT3/4"	PT3/4"	83	35.34	23.57	17.69	1.87	0											
AT16	40	188.5	PT3/4"	PT3/4"	132.8	22.62	17	13.2	11.3	4.71											
AT20	35	144.32	PT3/4"	PT3/4"	166	17.32	14.43	12.99	11.55	10.1	0										
AT28	30	106.03	PT1/2"	PT1/2"	232.4	12.72	10.6	9.54	8.48	7.42	6.36	0									
AT40	25	73.63	PT1/2"	PT1/2"	332	8.84	7.36	6.63	5.89	5.15	4.42	3.68	0								
AT64	20	47.12	PT3/8"	NPT3/8"	498	5.65	4.71	4.24	3.77	3.3	2.83	2.36	1.88	1.41							
AT80	18	38.17	PT3/8"	NPT3/8"	664	4.58	3.82	3.44	3.05	2.67	2.29	1.91	1.53	1.34	1.15						
AT100	16	30.16	PT3/8"	NPT3/8"	830	3.62	3.32	3.02	2.87	2.56	2.26	1.81	1.51	1.21	1.06	0.9	0				
AT130	14	23.09	PT3/8"	NPT3/8"	1079	2.77	2.66	2.54	2.31	2.08	1.85	1.62	1.39	1.15	0.92	0.81	0.69	0.23			
AT170	12	12.44	PT3/8"	NPT3/8"	1411	1.49	1.43	1.37	1.31	1.24	1.12	1	0.87	0.75	0.62	0.5	0.44	0.37	0.12		
AT240	10	8.64	NPT3/8"	HF4	1992	1.04	0.99	0.95	0.91	0.86	0.78	0.69	0.6	0.52	0.43	0.35	0.3	0.26	0.22	0.17	
AT300	9	7	NPT1/4"	HF4	2490	0.84	0.81	0.81	0.77	0.74	0.7	0.63	0.56	0.49	0.42	0.35	0.32	0.28	0.32	0.18	
AT400	8	5.53	NPT1/4"	HF4	3320	0.66	0.64	0.64	0.61	0.58	0.55	0.5	0.44	0.39	0.33	0.28	0.25	0.22	0.21	0.19	0.14

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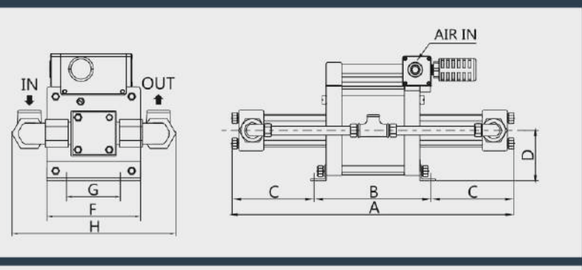

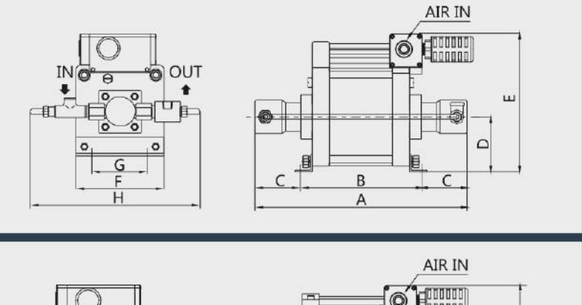

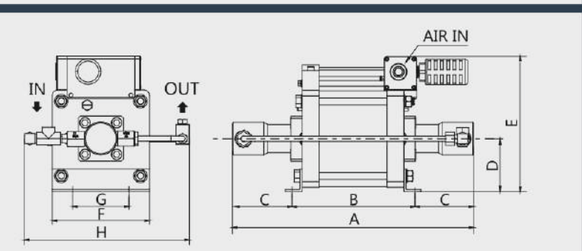

	Model	Drive air interface (AIR IN)	A	B	C	D	E	F	G	H	Mounting Holes	Weight /kg
Installation size (mm)	AT04	G1/2"	575.8	218	178.8	94	240	172	100	/	4-φ12*22	22
	AT07	G1/2"	538	218	160	94	240	172	100	/	4-φ12*22	19
	AT10	G1/2"	542	218	162	94	240	172	100	320	4-φ12*22	20
	AT16	G1/2"	453	218	115	94	240	172	100	320	4-φ12*22	23
	AT20	G1/2"	458	218	120	94	240	172	100	320	4-φ12*22	23
	AT28	G1/2"	424	218	103	94	240	172	100	320	4-φ12*22	18
	AT40	G1/2"	424	218	103	94	240	172	100	320	4-φ12*22	18
	AT64	G1/2"	424	218	103	94	240	172	100	290	4-φ12*22	18
	AT80	G1/2"	438	218	110	94	240	172	100	280	4-φ12*22	18
	AT100	G1/2"	438	218	110	94	240	172	100	280	4-φ12*22	18
	AT130	G1/2"	438	218	110	94	240	172	100	320	4-φ12*22	18
	AT170	G1/2"	370	208	81	94	240	172	100	320	4-φ12*22	18
	AT240	G1/2"	370	208	81	94	240	172	100	320	4-φ12*22	17
	AT300	G1/2"	370	208	81	94	240	172	100	320	4-φ12*22	17
	AT400	G1/2"	370	208	81	94	240	172	100	320	4-φ12*22	17

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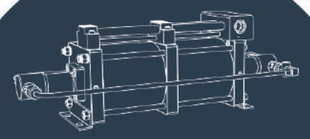


2AT Series Liquid Booster Pump

Air Driven Liquid Pump of 2AT Series

2AT series gas-liquid booster pump is a compressed air dual-driven double-acting liquid booster pump with the advantages of high safety, high output pressure and higher flow rate.

The maximum output pressure can reach 2947bar, and the output flow rate is greater than that of the AT series at the same pressure ratio;

Gas drive ensures that the medium does not generate heat, sparks or flames during transmission, and the pressurization is safe;

No air line lubrication required, saving costs and preventing contamination;

It is suitable for most liquids and liquefied gases, and can maintain pressure at a predetermined pressure without energy consumption, automatically absorb liquid, automatically maintain pressure, and automatically replenish pressure;

The product has compact structure, strong reliability and wide application range.

Main features:

- Based on static pressure, when the driving air pressure is 7 bar, the air consumption is 1.6m³/min;
- Drive pressure 1bar-8.3 bar (14.5-120.35psi), 2AT series has dual drive piston (160mm);
- The high-pressure end is made of stainless steel, and the driving part is made of aluminum alloy;
- The standard medium of 2AT series products is water and oil, order code: 2AT56 (series code + boost ratio)

Special Product Instructions:

About the medium: 2AT series can be used for liquefied gas, brake fluid and other media. The order code is as follows: 2AT20-C02 (series code + boost ratio + boost medium)

About the interface: If you need a special medium interface, please indicate it when ordering;

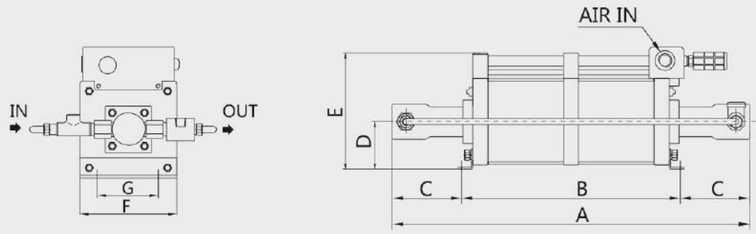
Application Scenario:

- 2AT series gas-liquid booster pumps are suitable for applications where both output pressure and flow rate requirements are high.
- Hydraulic test/burst test (including but not limited to valves, pressure vessels, pressure switches, hoses, blowout preventers and other pressure components;
- Pressurization of vehicle braking systems;
- Water jets for cutting and cleaning;
- Leak testing, oil and gas well shutdown systems;
- Operation and control of wellhead equipment;
- The raising and lowering of hydraulic lifting structures;

Technical Parameters driving Gas Pressure: 7 Bar

Model	Piston/Rod Diameter Ø(mm)	Flow Rate Per Strok (mL)	Liquid Import IN	Liquid Import OUT	Maximum Output Pressure Bar @ Drive 8.3 Bar	Output Liquid Pressure (bar) 1bar=0.1mpa=1.019kg/cm²														
						0	20	40	70	100	150	200	300	400	500	600	700	900	1200	1700	2350
						Flow Rate Liters/minute (l/min)															
2AT20	50	294.52	PT3/4"	PT3/4"	166	35.34	29.45	26.51	23.56	20.62	17.67	0									
2AT40	35	144.32	PT1/2"	PT1/2"	332	17.32	14.43	12.99	11.55	10.1	8.66	7.22	5.77	0							
2AT56	30	106.03	PT1/2"	PT1/2"	464.8	12.72	10.6	9.54	8.48	7.42	6.36	5.3	4.24	3.71	0						
2AT80	25	73.63	NPT3/8"	NPT3/8"	664	8.84	8.1	7.36	6.99	6.26	5.52	4.42	3.68	2.95	2.58	2.21	0				
2AT130	20	47.12	NPT3/8"	NPT3/8"	1079	5.65	5.42	5.18	4.71	4.24	3.77	3.3	2.83	2.36	1.88	1.65	1.41	0.47			
2AT160	18	38.17	NPT3/8"	HF6	1328	4.58	4.39	4.2	4.01	3.82	3.44	3.05	2.67	2.29	1.91	1.53	1.34	1.15	0.38		
2AT200	16	30.16	NPT3/8"	HF6	1660	3.62	3.47	3.32	3.17	3.02	2.71	2.41	2.11	1.81	1.51	1.21	1.06	0.9	0.75	0.6	
2AT260	14	16.93	NPT3/8"	HF4	2158	2.03	1.95	1.95	1.86	1.78	1.69	1.52	1.35	1.19	1.02	0.85	0.76	0.68	0.76	0.42	
2AT355	12	12.44	NPT3/8"	HF4	2947	1.49	1.43	1.43	1.37	1.31	1.24	1.12	1	0.87	0.75	0.62	0.56	0.5	0.47	0.44	0.31

MARUTI PNEUMATICS



Model	Drive air interface (AIR IN)	Installation Size/(mm)								Weight /kg
		A	B	C	D	E	F	G	Mounting Holes	
2AT20	G3/4"	710	428	141	94	240	172	100	4-φ12*22	27
2AT40	G3/4"	690	408	141	94	240	172	100	4-φ12*22	27
2AT56	G3/4"	690	408	141	94	240	172	100	4-φ12*22	27
2AT80	G3/4"	690	408	141	94	240	172	100	4-φ12*22	27
2AT130	G3/4"	690	408	141	94	240	172	100	4-φ12*22	27
2AT160	G3/4"	690	408	141	94	240	172	100	4-φ12*22	27
2AT200	G3/4"	690	408	141	94	240	172	100	4-φ12*22	25
2AT260	G3/4"	650	408	120	94	240	172	100	4-φ12*22	25
2AT355	G3/4"	650	408	120	94	240	172	100	4-φ12*22	25

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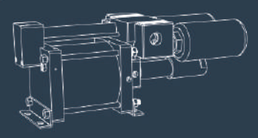


BH Series Liquid Booster Pump

Air Driven Liquid Pump of BH Series

BH series gas-liquid booster pump is a compressed air single-driven single-acting liquid booster pump with the advantages of high safety, high output pressure, high output flow, and no energy consumption while maintaining pressure.

Gas drive prevents the medium from generating heat, sparks and flames during transmission, and the pressurization is safe;

The driving gas does not require lubrication and is completely separated from the pressurized medium to ensure the cleanliness of the medium;

The maximum output pressure can reach 830bar, and the flow rate per unit time is higher than that of the 2AT series at the same pressure ratio;

Suitable for water or hydraulic oil;

The product is reliable, easy to maintain, strong, has a long seal life and can be started and stopped continuously.

Main features:

- Based on static pressure, when the driving air pressure is 7 bar, the air consumption is 1.0m³/min;
- Drive pressure 1bar-8.3 bar (14.5-120.35psi), BH series is single drive piston (160mm);
- The high-pressure end is made of stainless steel, and the driving part is made of aluminum alloy;

Special Product Instructions:

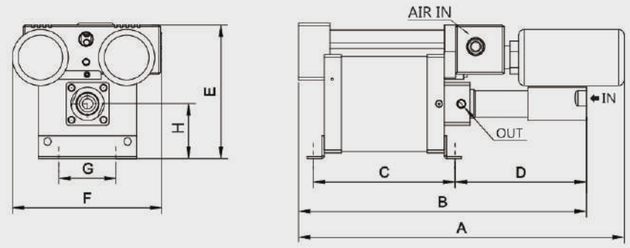
About the medium: BH series can be used for water, hydraulic oil, organic solution, but the medium requires higher filtration accuracy, and the recommended filtration accuracy is at least 7μm.Order code such as: BH40 (series code + boost ratio)

Application Scenario:

- BH series gas-liquid booster pumps are suitable for applications requiring large flow output and the ability to maintain and supplement pressure..
- Power and control sources for wellhead equipment;
- The power source of the hydraulic device of the chromatographic column;
- Automobile brake system test, fuel injection nozzle test;
- Power source of pneumatic hydraulic station;

Technical parameters Driving gas pressure: 6 bar

Model	Piston/Rod Diameter Φ(mm)	Flow Rate Per Strok (mL)	Liquid Import IN	Liquid Import OUT	Maximum Output Pressure Bar @ Drive 8.3 Bar	Output Liquid Pressure (bar) 1bar=0.1mpa=1.019kg/cm²									
						0	50	100	200	300	400	500	600	700	800
						Flow Rate Liters/minute (l/min)									
BH40	25	53.96	PT1-1/4"	PT3/8"	332	34.2	20.9	12.6	1.40						
BH60	20	34.54	PT1-1/4"	PT3/8"	531.2	18.6	14.1	10.9	6.2	2.7					
BH100	16	22.1	PT1-1/4"	PT3/8"	830	10.5	8.9	7.7	5.7	4.2	2.9	1.8	0.9	0	



Model	Drive air interface (AIR IN)	Installation Size/(mm)									Weight /kg
		A	B	C	D	E	F	G	H	Mounting Holes	
BH40	PT3/4"	570	504	248	230	234	261.5	100	100	4-φ12*22	25
BH60	PT3/4"	570	504	248	230	234	261.5	100	100	4-φ12*22	25
BH100	PT3/4"	570	504	248	230	234	261.5	100	100	4-φ12*22	25

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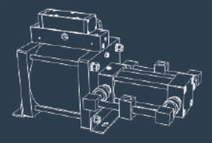

GH Series Liquid Booster Pump

Air Driven Liquid Pump of GH Series

GH series gas-liquid booster pump is a compressed air single-driven single-acting liquid booster pump, which has the advantages of high output pressure, large output flow and applicability to a variety of media.

The maximum output pressure can reach 2116bar, and the output flow is larger than that of the 2AT series;

Gas driven, no heat, sparks or flames generated, pressurized and safe;

Suitable for most liquids.

Main features:

- Based on static pressure, when the driving air pressure is 7 bar, the air consumption is 1.6m³/min;
- Drive pressure 1bar-8.3 bar (14.5-120.35psi), GH series has single drive piston ϕ250mm;
- The high-voltage end can be customized with special materials, such as 17-4PH, 440C, 316, etc.
- The GH series uses pilot air control, which is more reliable than traditional control and more convenient for linkage control with related valves.

Special Connection Method:

GH series can provide threads other than standard interfaces.
Order code: GH25-G (series code + pressure ratio + thread code)

How To Order Special Media:

GH series can be used for liquid carbon dioxide, order code such as: GH25-CO2 (series code + boost ratio + boost medium)

Application Scenario:

- Injection of chemical reagents at oil and gas wellheads;
- Interference fit sleeve, cylinder sleeve pressure, extrusion power;
- Fluid transportation in explosion-proof environments;
- Pre-filling of medium in test container;
- CO2 filling, refrigerant filling;

Technical Parameters driving Gas Pressure: 7 Bar

Model	Piston/Rod Diameter Ø(mm)	Flow Rate Per Stroke (mL)	Liquid Import IN	Liquid Import OUT	Maximum Output Pressure Bar @ Drive 8.3 Bar	Output Liquid Pressure (bar) 1bar=0.1mpa=1.019kg/cm²														
						0	20	40	70	100	150	200	300	400	500	600	700	900	1200	1700	2350
						Flow Rate Liters/minute (l/min)															
GH04T	125	1177.5	PT1"	PT1"	33.2	117	79.6	0													
GH10T	80	753.98	PT3/4"	PT3/4"	83	75.4	60.32	52.78	26.39	0											
GH25	50	294.52	PT3/4"	PT3/4"	207	29.45	23.56	20.62	17.67	14.73	11.78	8.84	0								
GH40	40	188.5	PT3/4"	PT3/4"	332	18.85	15.08	13.2	11.31	9.43	8.48	7.54	5.66	0							
GH69	30	106.03	NPT1/2"	NPT1/2"	572	10.6	8.48	7.42	6.36	5.3	5.3	4.77	4.24	37.11	3.18	0					
GH100	25	73.63	NPT1/2"	NPT1/2"	830	7.36	6.26	5.89	5.15	4.79	4.42	4.05	3.68	3.31	2.95	2.58	2.21	0			
GH156	20	47.12	NPT3/8"	HF6	1295	4.71	4.24	4.01	3.77	3.3	3.06	2.83	2.59	2.36	2.12	1.88	1.65	1.41	1.18	0	
GH190	18	27.99	NPT3/8"	HF6	1577	2.8	2.52	2.38	2.24	2.1	1.96	1.82	1.68	1.54	1.4	1.26	1.12	0.98	0.84	0	
GH240	16	22.12	NPT3/8"	HF6	2116	2.21	2.1	1.99	18.8	1.77	1.66	1.55	1.44	1.33	1.22	1.11	1	0.93	0.88	0.77	0

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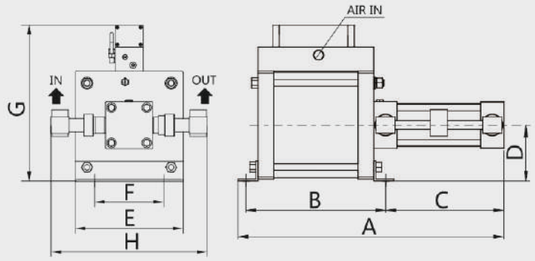

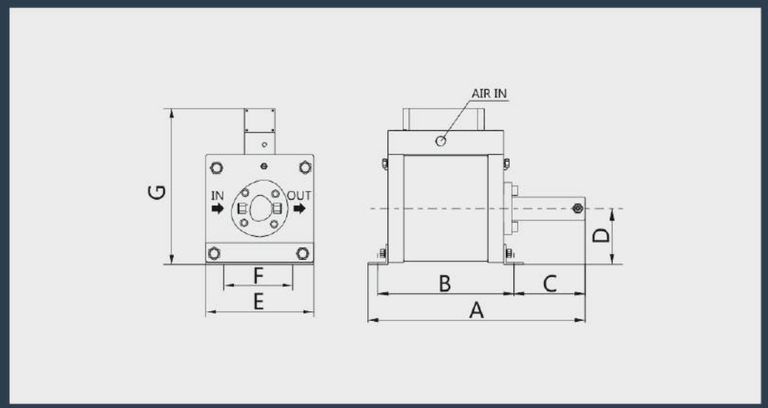

Model	Drive air interface (AIR IN)	Installation Size/(mm)									Weight /kg
		A	B	C	D	E	F	G	H	Mounting Holes	
GH04T	PT3/4"	665	350	295	140	270	150	390	408	4-φ16*32	38
GH10T	PT3/4"	665	350	295	140	270	150	390	388	4-φ16*32	38
GH25	PT3/4"	593	350	223	140	270	150	390	/	4-φ16*32	38
GH40	PT3/4"	593	350	223	140	270	150	390	/	4-φ16*32	38
GH69	PT3/4"	571	350	201	140	270	150	390	/	4-φ16*32	40
GH100	PT3/4"	571	350	201	140	270	150	390	/	4-φ16*32	40
GH156	PT3/4"	571	350	201	140	270	150	390	/	4-φ16*32	40
GH190	PT3/4"	571	350	201	140	270	150	390	/	4-φ16*32	40
GH240	PT3/4"	571	350	201	140	270	150	390	/	4-φ16*32	40

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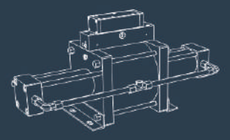


GT Series Liquid Booster Pump

Air Driven Liquid Pump of GT Series

GT series gas-liquid booster pump is a compressed air single-driven double-acting liquid booster pump with the advantages of high output pressure, large output flow and applicability to a variety of media.

The maximum output pressure can reach 2116bar, and the output flow rate is greater than that of the GH series at the same pressure ratio;

Gas driven, no heat, sparks or pressure increase, safe;

Suitable for most liquids.

Main features:

- Based on static pressure, when the driving air pressure is 7 bar, the air consumption is 2m³/min;
- Drive pressure 1bar-8.3 bar (14.5-120.35psi), GT series drive piston ϕ250mm;
- The high-voltage end can be customized with special materials, such as: 17-4PH, 440C, 316, etc.;
- The GT series uses pilot air control, which is more reliable than traditional control and more convenient for linkage control with related valves.

Special Connection Method:

The GT series can provide threads other than the standard interface. The order code is as follows: GT25-G
(series code + pressure ratio + thread code)

How To Order Special Media:

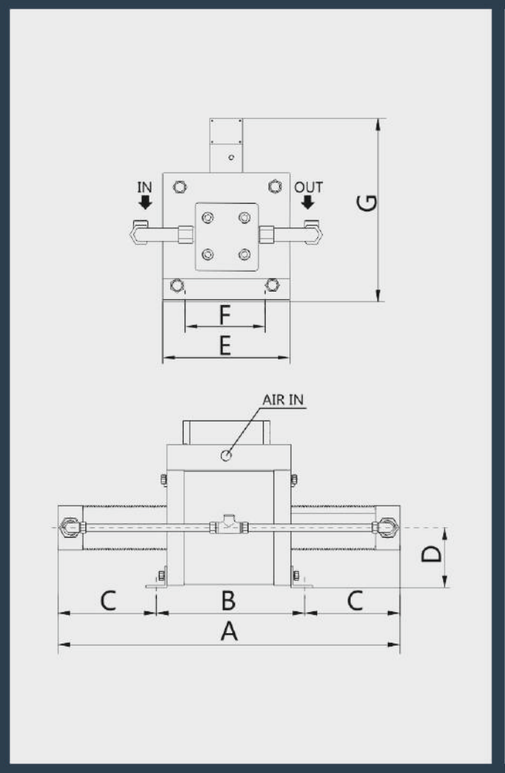
GT series can be used for liquid carbon dioxide, order code such as: GT25-C02 (series code + boost ratio + boost medium)

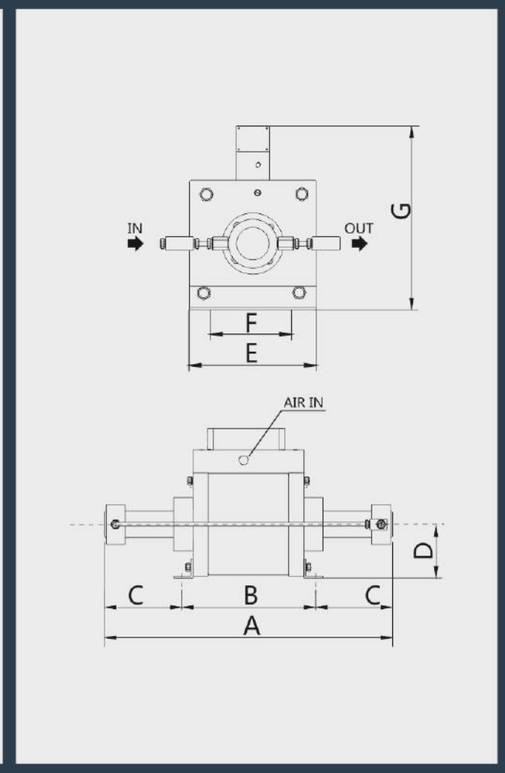
Application Scenario:

- Large volume pressure testing or burst testing;
- Pre-filling of medium in test container;
- Waterjet cutting application in paper industry
- Organic jet cleaning applications
- Chemical reagent injection at oil and gas wellhead;
- Interference fit sleeve, cylinder sleeve pressure, extrusion power;
- Fluid transportation in explosion-proof environments;
- Pre-filling of medium in test container;
- CO2 filling, refrigerant filling;

Technical Parameters driving Gas Pressure: 7 Bar

Model	Piston/Rod Diameter Ø(mm)	Flow Rate Per Strok (mL)	Liquid Import IN	Liquid Import OUT	Maximum Output Pressure Bar @ Drive 8.3 Bar	Output Liquid Pressure (bar) 1bar=0.1mpa=1.019kg/cm²														
						0	20	40	70	100	150	200	300	400	500	600	700	900	1200	1700	2350
						Flow Rate Liters/minute (l/min)															
GT25	50	549.78	PT3/4"	PT3/4"	207	54.98	43.98	38.48	32.99	27.49	21.99	16.49	0								
GT40	40	351.86	PT3/4"	PT3/4"	332	35.19	28.15	24.63	21.11	17.59	15.83	14.07	10.56	0							
GT69	30	197.92	NPT/2"	NPT1/2"	572	19.79	15.83	13.85	11.88	9.9	9.9	8.91	7.92	6.27	5.94	0					
GT100	25	137.44	NPT1/2"	NPT1/2"	830	13.74	11.68	11	9.62	8.93	8.25	7.56	6.87	6.18	5.5	4.81	4.12	0			
GT156	20	87.96	NPT3/8"	HF6	1295	8.8	7.92	7.48	7.04	6.16	5.72	5.28	4.84	4.4	3.96	3.52	3.08	2.64	2.2	0	
GT190	18	71.25	NPT3/8"	HF6	1577	7.13	6.41	6.06	5.7	5.34	4.99	4.63	4.28	3.92	3.56	3.21	2.85	2.49	2.14	0	
GT240	16	56.3	NPT3/8"	HF6	2116	5.63	5.35	5.07	47.86	4.5	4.22	3.94	3.66	3.38	3.1	2.82	2.53	2.36	2.25	1.97	0





Model	Drive air interface (AIR IN)	Installation Size/(mm)								Weight /kg
		A	B	C	D	E	F	G	Mounting Holes	
GT25	PT3/4"	796	350	223	140	270	150	390	4-φ16*32	56
GT40	PT3/4"	796	350	223	140	270	150	390	4-φ16*32	58
GT69	PT3/4"	752	350	201	140	270	150	390	4-φ16*32	62
GT100	PT3/4"	752	350	201	140	270	150	390	4-φ16*32	62
GT156	PT3/4"	752	350	201	140	270	150	390	4-φ16*32	61
GT190	PT3/4"	752	350	201	140	270	150	390	4-φ16*32	61
GT240	PT3/4"	752	350	201	140	270	150	390	4-φ16*32	61

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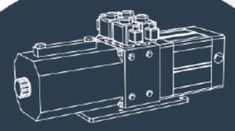

LHD Series Micro Gas-Hydraulic Power Unit

Micro Gas-Hydraulic Power Unit of LHD Series

LHD series air-driven hydraulic power pump is a compressed air single-driven double-acting liquid booster pump with the advantages of high safety, no consumption of pressure maintenance, automatic pressure replenishment and wide output range.

Gas drive does not generate heat, sparks or flames, and is pressurized and safe;

The driving gas and the pressurized medium are completely separated, and there is no pollution to the medium;

Applicable to various explosion-proof occasions, with built-in container, small installation location and simple maintenance;

The output pressure range is wide (30-350bar), easy to adjust, and can be infinitely adjusted within the driving pressure range.

Main features:

- Based on static pressure, when the driving air pressure is 7 bar, the air consumption is 0.7m³/min;
- Drive pressure 1bar-8.3 bar (14.5-120.35psi),LHD series is single drive piston (100mm);
- The LHD series standard models are equipped with two sets of pressure output interfaces and one set of pressure switch signal output.
- Solenoid valve working voltage: DV24V, AC220V;
- Leakage rate: 500CC/72 hours;
- Installation method: wall-mounted;
- Fuel tank capacity: 2.5L
- LHD series standard products, order code such as: LH25D (series code + boost ratio);

Application Scenario:

- Clamping power for various hydraulic clamps (CNC machining centers, etc.);
- Power unit for static pressure testing of various small components;
- Suitable for providing pressurization for various media (punch press overload protection, etc.);
- Provide boost as driving force for various liquid media.
- When there is a constant temperature requirement for the pressure medium;

Technical Parameters driving Gas Pressure: 7 Bar

Model	Pressure Ratio	Maximum Flow Rate L/min	Maximum Pressure(mpa)	Oil Out (out)	Oil Inlet (in)
LH50D	50:1	1	40	PT3/8"	G3/4"
LH25D	25:1	2	20	PT3/8"	G3/4"

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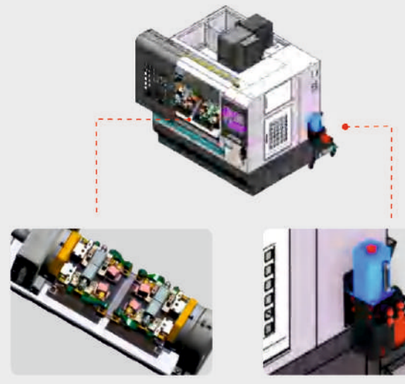
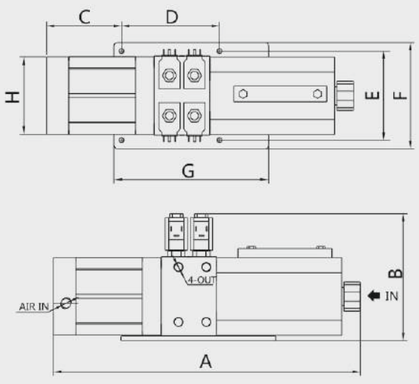
About the medium: LHD series can be used for a variety of media, such as methanol, order code such as: LH25D- CH4O (series code + boost ratio + boost medium);
About pressure output: LHD series can choose a set of pressure output;
About pressure switch: LHD series can choose two sets of pressure switches;
About solenoid valve: LHD series can choose explosion-proof coil;About oil tank: LHD series oil tank can choose 5L capacity;





Series	Drive air interface (AIR IN)	Installation Size/(mm) A	B	C	D	E	F	G	H	Mounting Holes	Weight /kg
LH50D	PT1/4"	442	183	108	141	128	153	223	112	4-φ7	9
LH25D	PT1/4"	442	183	108	141	128	153	223	112	4-φ7	9