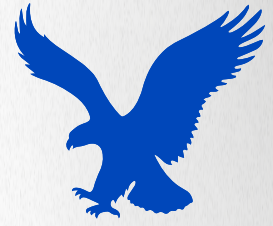


Metering Pump



EMOCLEW AMERICA



www.emoclewpumps.com



EMOCLEW AMERICA

Professional Metering Pump Manufacturer

Quality

Emoclew America is manufactured strictly to ISO standard
API675 standard is also available

Target

Become a creative and innovative leader in
metering pump industries

Mission

Providing quality products and best service
Focus on the customer
Technical needs in various industries

Value

What we do, we do well

Service

Act with urgency
Remain responsive to change
Work efficiently

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Read more on www.emoclewpumps.com



EMOCLEW AMERICA



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Industries

Where use our products



Chemical Industry

Accuracy, flexibility and performance for the industry's harshest chemical processes.

The chemical industry is focused on the synthesis of finished or intermediate products. In chemical processing, the toxic nature of fluids, combined with numerous temperature and pressure variations during production requires metering pumps, packages, and mixing technology that is safe, adaptable and highly-reliable.



General Industry

Pumps, Mixers, and Systems

EMOCLEW AMERICA provides solutions for almost all industries that process, produce and prepare end products. Our experience and the reliability of our technology is unmatched with a proven track record. We have the largest and most comprehensive selection of metering pump technology to accurately control chemical dosing. Along with in-house applications expertise, we can select and customize the right technology for your process-related applications.



Industrial Wastewater

Maximize uptime, minimize maintenance costs while complying with wastewater treatment and disposal regulations.

Industrial wastewater must be treated efficiently, cost-effectively and within the appropriate quality standards. That's why EMOCLEW has metering pump and agitation solutions that assist in the necessary, proper disposal of wastewater.



Municipal Water and Waste Treatment

Delivering safe water purification, efficient waste treatment, and lower life-cycle costs.

Municipalities must provide safe potable water and effectively dispose of wastewater while complying with regulatory requirements. In addition, they want to ensure efficient, cost-effective operations with minimal downtime.



Oil & Gas

EMOCLEW's customized solutions maximize oil & gas production, and safely process refined product.

EMOCLEW has decades and hundreds of thousands of installations within the oil and gas industry. From upstream to downstream and offshore to onshore, our metering pumps, packages, and mixers provide accurate chemical injection and precise agitation to meet your application requirements.



Petrochemical

Maximize your production uptime with metering pumps and packages.

Petrochemicals are the feedstock for polymers, solvents, detergents, adhesives, plastics, lubricants, and other materials. Chemical plants produce this feedstock by fluid catalytic cracking of petroleum fractions. This processing requires numerous chemicals such as corrosion inhibitors, emulsion breakers, oxygen scavengers, and many more.



Power Generation

Efficient designs for maximum uptime

Cooling and boiler water treatment is one of the most critical areas because a failure will directly affect power generation. Proper chemical treatment assures maximum uptime of cooling towers and boilers thus reducing operational costs and assuring the process is optimized.

Application

Why use our products



Chemical Dosing

Unsurpassed Reliability and Accuracy for Critical Chemical Dosing Controlled-volume metering pumps and customized solutions that maximize uptime and lower maintenance costs.



Chemical Processing

Chemical Processing Safely and reliably handle harsh processing operations with customizable metering pumps and packages



Crude Oil Storage Applications

Maximizing Crude Oil Storage Capacity with Mixing Technology.

When crude oil is produced, it's accompanied by sand, salt and other unwanted debris. Water is also added to allow easier pumping into the pipeline. These impurities are removed in the refining process – but until the crude is delivered to the refinery, bottom sludge & water (BS&W) can settle on the bottom of an oil tank, a process called "Sanding-In" takes place, which forces the tank operator to empty the tank and engage in a lengthy, expensive and environmentally challenging cleanup.



Oil Platform

High-Pressure Methanol Chemical Injection Applications.

Methanol is a commonly used chemical in the oil and gas industry, mainly in offshore applications. It is injected continuously or intermittently, depending on the process, to prevent hydrate formation. While commonly used, methanol can be volatile and dangerous to both people and the environment.



Surface Water Treatment

Enabling safe drinking water with proper dosing technology.

Surface water typically contains suspended solids, bacteria, algae, organic matter and other impurities that create health risks and can also lead to a bad taste, a foul odor, and cloudy or unclear water. To remove these impurities, the process of water treatment consists of dosing flocculants, coagulants, disinfectants, and many other chemicals to control pH and other aspects of water quality. The process has several dosing points and metering pump performance is critical.



Read more about our products,
industries and applications on
www.emoclewpumps.com

Manual Solenoid Metering Pumps

Solenoid Metering Pumps

Manual Solenoid Metering Pumps JLM series solenoid diaphragm metering pump is effective and reliable digital pump. The precise dosing is controlled by both the stroke length and stroke speed manually.



Description

Manual Solenoid Metering Pumps

JLM series solenoid diaphragm metering pump is effective and reliable digital pump. The precise dosing is controlled by both the stroke length and stroke speed manually. The max available capacities ranges from 1.0l/h to 15l/h at a back pressure of 10 bars to 1 bar.

Applications:

- Potable water treatment: Metering of disinfectants
- Cooling circuits: Metering of corrosion inhibitors and biocides
- Waste water treatment: Metering of flocculants
- Paper industry: Metering of additives
- Plastics production: Metering of additives

Features

- Manual flow control by both stroke length and stroke speed;
- Wear-free solenoid driving with no bearing;
- Compact modular design(liquid end, drive and electronic board are modular, easy for replacement) ;

- Intelligent display the stroke speed in percentage;
- Check valve assemblies are with two balls and are designed for easy maintenance;
- Accessories are included: hose, injection valve, foot valve, ceramic weight;

Materials

- Pump head: PVC, PVDF, SS304, SS316
- Diaphragm: PTFE
- Check Valve: PVC, PVDF, SS304, SS316 (same as pump head selection)
- Valve ball: Ceramic
- Valve seat: PTFE, SS316
- Suction and Discharge tubing: PE

Connection Type

- PE hose for all models

Voltage Supply

- 220V 50/60Hz or 110V 50/60Hz

Parameter Table

Model	50/60Hz					Diaphragm Dia. (mm)	Power	Connection Size
	Flow (lph)	Pressure (Bar)	Flow (gph)	Pressure (Psi)	SPM			
JLM0110	1.0	10	0.3	145	120	34	28W	5*8mm
JLM0408	3.8	7.6	1.0	110	180	41		
JLM0505	5.0	5.0	1.3	73		41		
JLM0804	7.6	3.5	2.0	51		52		
JLM1002	10	2.0	2.6	29				
JLM1202	12	1.5	3.2	22				
JLM1501	15	1.0	4.0	15				

Emoclew America, as one of the leading such manufacturers and suppliers, is professional in manufacturing manual solenoid metering pumps. Don't hesitate to buy advanced manual solenoid metering pumps with our factory. We will do our best to meet your requirement.

Signal Solenoid Metering Pumps

Solenoid Metering Pumps

Signal Solenoid Metering Pumps JLM-S series solenoid diaphragm metering pump is new designed digital pump with an advanced microprocessor control board.



Description

Signal Solenoid Metering Pumps JLM-S series solenoid diaphragm metering pump is new designed digital pump with an advanced microprocessor control board. The innovative big LED screen display the instant flow rate and the accumulated flow for easy reading.

Applications

- Potable water treatment: Metering of disinfectants
- Cooling circuits: Metering of corrosion inhibitors and biocides
- Waste water treatment: Metering of flocculants
- Paper industry: Metering of additives
- Plastics production: Metering of additives

Features

- Flow manually controlled by stroke rate;
- Automatic analog input control: 4-20mA signal;
- Automatic pulse input control: pluse input with multiply and divide capability;

- RS485 communication interface: single pump or a couple of pumps connected to and controlled by computer;
- External remote control for start/stop: pump can be connected to level indicator for automactic start/stop the pump;

Materials

- Pump head: PVC, PVDF,SS304,SS316
- Diaphragm: PTFE
- Check Valve: PVC, PVDF,SS304,SS316 (same as pump head selection)
- Valve ball: Ceramic
- Valve seat: PTFE,SS316
- Suction and Discharge tubing: PE

Connection Type

PE hose for all models

Voltage Supply

220V 50/60Hz or 110V 50/60Hz

Parameter Table

Model	50/60Hz					Diaphragm Dia. (mm)	Power	Connection Size
	Flow (lph)	Pressure (Bar)	Flow (gph)	Pressure (Psi)	SPM			
JLM-S0110	1.0	10	0.3	145	100	34	34W	5*8mm
JLM-S0408	3.8	7.6	1.0	110	150	41		
JLM-S0607	6.3	6.8	1.7	99	140			
JLM-S0805	8.0	5.0	2.1	73	110			
JLM-S1204	12	4.0	3.2	58	130	52		
JLM-S2001	15	2.0	4.0	29	160			
JLM-S2001	20	1.0	5.3	15	170			

Emoclew America, as one of the leading such manufacturers and suppliers, is professional in manufacturing signal solenoid metering pumps. Done't hesitate to buy advanced signal solenoid metering pumps with our factory. We will do our best to meet your requirement.

Spring Return Diaphragm Metering Pumps

Diaphragm Metering Pumps

Spring Return Diaphragm Metering Pumps JBB series mechanical diaphragm metering pumps are spring type pumps with micro motor and reducer.

Key features:

- Compact and simple design.
- Multilayer composite



Description

Spring Return Diaphragm Metering Pumps JBB series mechanical diaphragm metering pumps are spring type pumps with micro motor and reducer.

Key features

- Compact and simple design.
- Multilayer composite PTFE diaphragm, long service life.
- Reinforced plate design after the diaphragm.
- Flow adjustment by the micrometer manually.
- Fluid max temperature: 70°C(158°C)

Materials

- Pump head: PVC, PTFE,SS304,SS316
- Diaphragm: PTFE
- Check Valve: PVC, PTFE,SS304,SS316 (same as pump head selection)
- Valve ball: Ceramic
- Valve seat: PTFE,SS316

Voltage Supply

380V on standard, others on request; DC powered motor 12V or 24V is available.

Parameter Table

Model	50Hz			60 Hz			Pressure		Diaphragm Dia. (mm)	Power
	Flow (lph)	Flow (gph)	SPM	Flow (gph)	Flow (lph)	SPM	(Bar)	(Psi)		
JBB15/1.0	14	3.7	100	4.4	17	120	10	145	60	60W
JBB25/1.0	25	6.6	100	7.9	30	120	10	145		
JBB40/0.7	38	10	150	12	46	180	7	102		
JBB60/0.6	60	16	100	19	72	120	6	87	84	
JBB80/0.5	80	21	100	25	96	120	5	73		
JBB100/0.4	100	26	150	32	120	180	4	58		
JBB130/0.4	130	34	150	41	156	180	4	58		

Standard Connection

Model	PVC	PTFE	SS
JBB15~JBB40	6.5*10mm PE hose	RC 1/2" F	6*12mm welding union
JBB60~JBB130	10*14mm PE hose	RC 1/2" F	10*16mm welding union

Emoclew America, as one of the leading such manufacturers and suppliers, is professional in manufacturing spring return diaphragm metering pumps. Don't hesitate to buy advanced spring return diaphragm metering pumps with our factory. We will do our best to meet your requirement.

Low Pressure Diaphragm Metering Pumps

Diaphragm Metering Pumps

Low Pressure Diaphragm Metering Pumps KD series are spring type mechanical diaphragm metering pumps. The stroke movement is controlled by the spring and the eccentric mechanism.



Description

Low Pressure Diaphragm Metering Pumps KD series are spring type mechanical diaphragm metering pumps. The stroke movement is controlled by the spring and the eccentric mechanism. The adjustment stroke length rate from 10%-100%.

Key features

- Compact and economic design.
- Multilayer composite PTFE diaphragm, long service life.
- Reinforced plate design after the diaphragm.
- Flow adjustment by the micrometer manually.
- Fluid max temperature: 70°C(158F)

Materials

- Pump head: PVC, PTFE,SS304,SS316
- Diaphragm: PTFE
- Check Valve: PVC, PTFE,SS304,SS316 (same as pump head selection)
- Valve ball: Ceramic
- Valve seat: PTFE,SS316

Voltage Supply
380V on standard, others on request;

Parameter Table

Model	50Hz			60 Hz			Pressure		Power kW
	Flow (lph)	Flow (gph)	SPM	Flow (gph)	Flow (lph)	SPM	(Bar)	(Psi)	
KD 15/0.8	15	4.0	48	4.8	18	58	8	116	0.18
KD 20/0.8	20	5	48	6	24	58	8	116	
KD 40/0.8	40	11	96	13	48	115	8	116	
KD 60/0.6	60	16	48	19	72	58	6	87	
KD 80/0.6	80	21	96	25	96	115	6	87	
KD 120/0.5	120	32	96	38	144	115	5	73	
KD 180/0.5	180	47.6	144	57.1	216	173	5	73	

Standard Connection

Model	PVC	PTFE	SS
KD15~KD40	6.5*10mm PE hose	RC 1/2" F	6*12mm welding union
KD60~KD180	DN15	RC 1/2" F	10*16mm welding union

Emoclew America, as one of the leading such manufacturers and suppliers, is professional in manufacturing low pressure diaphragm metering pumps. Don't hesitate to buy advanced low pressure diaphragm metering pumps with our factory. We will do our best to meet your requirement.

Accurate Diaphragm Metering Pumps

Diaphragm Metering Pumps

Accurate Diaphragm Metering Pumps GM mechanical diaphragm metering pump belongs to Emoclew G series mechanical diaphragm pumps.



Description

Accurate Diaphragm Metering Pumps

GM mechanical diaphragm metering pump belongs to LGP G series mechanical diaphragm pumps. G series pumps are robust and reliable motor driven diaphragm metering pumps. The stroke length can be adjusted to alter capacity of this pump. Two non-return valves prevent the feed chemical from flowing back during pumping. Each pump with the reinforced plate to protect the diaphragm. LGP G series pump are very durable for processing all kinds of chemicals with wide flow rate range.

Specifications:

- Capacity range: 25 l/h -500lh under 50Hz

- Pressure range: 5-10 bars
- Processing Temperature: from 0-70°C (32-158°F)
- Stroke Adjustment: 0-100%
- Suction lift: 1.5m
- Accuracy: $\pm 2\%$ of set point

Materials

- Pump head: PVC, PTFE,SS304,SS316
- Diaphragm: PTFE
- Check Valve: PVC, PTFE,SS304,SS316 (same as pump head selection)
- Valve ball: Ceramic, SS304,SS316

Parameter Table

Model	50Hz			60 Hz			Pressure		Diaphragm Dia. (mm)	Power kW(HP)
	Flow (lph)	Flow (gph)	SPM	Flow (gph)	Flow (lph)	SPM	(Bar)	(Psi)		
GM 25/1.0	25	6.6	48	7.9	30	58	10	145	60	0.37(0.5)
GM 50/1.0	50	13	96	16	60	115	10	145		
GM 80/0.7	80	21	48	25	96	58	7	102		
GM 120/0.7	120	32	48	38	144	58	7	102	112	
GM 170/0.7	170	45	96	54	204	115	7	102		
GM 240/0.5	240	63	96	76	288	115	5	73		
GM 320/0.5	310	82	144	98	372	173	5	73		
GM 420/0.5	420	111	144	133	504	173	5	73		
GM 500/0.5	480	127	144	152	576	173	5	73		

Standard Connection

Model	PVC	PTFE	SS
GM25~GM50	6.5*10mm PE hose	RC 1/2" F	6*12mm welding union
GM80~GM120	DN15 glue union	RC 1/2" F	10*16mm welding union
GM170~GM500	DN15 glue union	RC 3/4" F	15*24mm welding union

Emoclew America, as one of the leading such manufacturers and suppliers, is professional in manufacturing accurate diaphragm metering pumps. Don't hesitate to buy advanced accurate diaphragm metering pumps with our factory. We will do our best to meet your requirement.

High Flow Diaphragm Metering Pumps

Diaphragm Metering Pumps

High Flow Diaphragm Metering Pumps GB mechanical diaphragm metering pump belongs to Emoclew G series mechanical diaphragm pumps.



Description

GB mechanical diaphragm metering pump belongs to Emoclew G series mechanical diaphragm pumps. G series pumps are robust and reliable motor driven diaphragm metering pumps. The stroke length can be adjusted to alter capacity of this pump. Two non-return valves prevent the feed chemical from flowing back during pumping. Each pump with the reinforced plate to protect the diaphragm. Emoclew G series pump are very durable for processing all kinds of chemicals with wide flow rate range.

Specifications:

- Capacity range: 380 l/h - 1800l/h under 50Hz
- Pressure range: 3-6 bars

- Processing Temperature: from 0-70°C (32-158°F)
- Stroke Adjustment: 0-100%
- Suction lift: 1.5m
- Accuracy: $\pm 2\%$ of set point

Materials

- Pump head: PVC, PTFE,SS304,SS316
- Diaphragm: PTFE
- Check Valve: PVC, PTFE,SS304,SS316 (same as pump head selection)
- Valve ball: Ceramic, SS304,SS316

Parameter Table

Model	50Hz			60 Hz			Pressure		Diaphragm Dia. (mm)	Power kW(HP)
	Flow (lph)	Flow (gph)	SPM	Flow (gph)	Flow (lph)	SPM	(Bar)	(Psi)		
GB 380/0.6	380	100	48	120	456	58	6	87	148	0.75(1)
GB 500/0.6	500	132	96	159	600	115	6	87		
GB 650/0.6	650	172	96	206	780	115	6	87		
GB 850/0.5	850	225	144	269	1020	173	5	73	185	1.5(2)
GB1000/0.4	1000	264	144	317	1200	173	4	58		
GB1400/0.3	1400	370	144	444	1680	173	3	44		
GB1800/0.3	1800	476	144	571	2160	173	3	44		

Standard Connection

Model	PVC	PTFE	SS
GB380~GB1000	DN25 glue union	RC 1" F	RC 1" F
GB1400~GB1800	DN40 glue union	RC 1.5" F	RC 1.5" F

Emoclew America, as one of the leading such manufacturers and suppliers, is professional in manufacturing high flow diaphragm metering pumps. Don't hesitate to buy advanced high flow diaphragm metering pumps with our factory. We will do our best to meet your requirement.

Duplex Heads Diaphragm Metering Pumps

Diaphragm Metering Pumps

Duplex Heads Diaphragm Metering Pumps GB-S mechanical diaphragm metering pump also belongs to Emoclew G series mechanical diaphragm pumps.



Description

GB-S mechanical diaphragm metering pump also belongs to Emoclew G series mechanical diaphragm pumps. G series pumps are robust and reliable motor driven diaphragm metering pumps. The stroke length can be adjusted to alter capacity of this pump. Two non-return valves prevent the feed chemical from flowing back during pumping. Each pump with the reinforced plate to protect the diaphragm. Emoclew G series pump are very durable for processing all kinds of chemicals with wide flow rate range. GB-S pump has duplex heads with one motor.

- Pressure range: 3-5 bars
- Processing Temperature: from 0-70°C (32-158°F)
- Stroke Adjustment: 0-100%
- Suction lift: 1.5m
- Accuracy: ±2% of set point

Materials

- Pump head: PVC, PTFE,SS304,SS316
- Diaphragm: PTFE
- Check Valve: PVC, PTFE,SS304,SS316 (same as pump head selection)
- Valve ball: Ceramic, SS304,SS316

Specifications

- Capacity range: 1300 l/h -3600lh under 50Hz

Parameter Table

Model	50Hz			60 Hz			Pressure		Diaphragm Dia. (mm)	Power kW(HP)
	Flow (lph)	Flow (gph)	SPM	Flow (gph)	Flow (lph)	SPM	(Bar)	(Psi)		
GB-S1300/0.5	1300	343	96	412	1560	115	5	73	148	0.75(1)
GB-S1700/0.5	1700	449	144	539	2040	173	5	73		
GB-S2000/0.4	2000	528		634	2400		4	58		
GB-S2800/0.3	2800	740		888	3360		3	44		
GB-S3600/0.4	3600	951		1141	4320		4	58	185	1.5(2)

Standard Connection

Model	PVC	PTFE	SS
GB-S1300~GB-S2000	DN25 glue union	RC 1" F	RC 1" F
GB-S2800~GB-S3600	DN40 glue union	RC 1.5" F	RC 1.5" F

Emoclew America, as one of the leading such manufacturers and suppliers, is professional in manufacturing duplex heads diaphragm metering pumps. Don't hesitate to buy advanced duplex heads diaphragm metering pumps with our factory. We will do our best to meet your requirement.

Double Heads Diaphragm Metering Pumps

Diaphragm Metering Pumps

Double Heads Diaphragm Metering Pumps 2JMX mechanical diaphragm metering pump has duplex pump head with one motor and gear box.



Description

Double Heads Diaphragm Metering Pumps 2JMX mechanical diaphragm metering pump has duplex pump head with one motor and gear box. The two heads work individually, thus each head flow rate can be adjusted separately. This robust designed pump is suitable for two kinds liquid mixing dosing.

Specifications

- Capacity range: 40 l/h -240l/h under 50Hz
- Pressure range: 4-8 bars
- Processing Temperature: from 0-70°C (32-158°F)

- Stroke Adjustment: 0-100%
- Suction lift: 1.5m
- Accuracy: $\pm 2\%$ of set point

Materials

- Pump head: PVC, PTFE, SS304, SS316
- Diaphragm: PTFE
- Check Valve: PVC, PTFE, SS304, SS316 (same as pump head selection)
- Valve ball: Ceramic, SS304, SS316

Parameter Table

Model	50Hz			60 Hz			Pressure		Power kW(HP)
	Flow (lph)	Flow (gph)	SPM	Flow (gph)	Flow (lph)	SPM	(Bar)	(Psi)	
2JMX 40/0.8	40	10.6	48	12.7	48	58	8	116	0.37(0.5)
2JMX 80/0.6	80	21	48	25	96	58	6	87	
2JMX 120/0.5	80	21	48	25	96	58	5	73	
2JMX 160/0.5	160	42	96	51	192	115	5	73	
2JMX 200/0.4	200	53	96	63	240	115	4	58	
2JMX 240/0.4	240	63	96	76	288	115	4	58	

Standard Connection

Model	PVC	PTFE	SS
2JMX40~2JMX80	6.5*10mm PE hose	RC 1/2" F	10*16mm welding union
2JMX120~2JMX240	DN15 glue union	RC 1/2" F	10*16mm welding union

Emoclew America, as one of the leading such manufacturers and suppliers, is professional in manufacturing double heads diaphragm metering pumps. Don't hesitate to buy advanced double heads diaphragm metering pumps with our factory. We will do our best to meet your requirement.

Precision Plunger Metering Pumps

Plunger Metering Pumps

Precision Plunger Metering Pumps JSX Series
Plunger Metering Pump Capacity range
2-195lph, 10-400bar JSX is the smallest model of
Emoclew plunger pumps.



Description

Precision Plunger Metering Pumps
JSX Series Plunger Metering Pump

Capacity range 2-195lph, 10-400bar
JSX is the smallest model of Emoclew plunger pumps.

Parameter Table

Model	50Hz			60 Hz			Pressure		Plunger Dia. (mm)	Stroke Length (mm)	Power kW(HP)	Inlet&Outlet Size	Connection Size
	Flow(lph)	Flow (gph)	SPM	Flow (gph)	Flow (lph)	SPM	(Bar)	(Psi)					
JSX 2/40	2	0.5	80	0.6	2.4	96	400	5800	6	20	0.37 (0.5)	DN6	6*12mm (union for welding)
JSX 3/32	3	0.8		1.0	3.6		320	4640	8				
JSX 5/20	5	1.3		1.6	6.0		200	2900	10				
JSX 8/14	8	2.1		2.5	9.6		140	2030	12				
JSX 15/7.6	15	4.0		4.8	18		76	1102	16				
JSX 25/5.0	25	6.6		7.9	30		50	725	20				
JSX 40/3.2	40	11		13	48		32	464	25				
JSX 50/2.5	50	13		16	60		25	363	28				
JSX 70/2.0	70	18		22	84		20	290	32				
JSX 85/1.6	85	22		27	102		16	232	35				
JSX 100/1.3	100	26	32	120	13	189	38	DN10	10*16mm (union for welding)				
JSX 125/1.0	125	33	40	150	10	145	42						
JSX 150/1.3	150	40	48	180	13	189	38						
JSX 200/1.0	195	52	62	234	10	145	42						

Emoclew America plunger metering pump is designed for high pressure and heavy-duty applications. Unlike loss motion pumps with spring, all Emoclew plunger pumps are push and pull design. The plunger makes harmonic motion by the crankshaft .

Features

- Flow rate can be adjusted via unique adjusting mechanism from 0-100%
- The adjustment can be carried when pump is in operation or at stop
- The steady accuracy is $\pm 1\%$ from 30%-100% of the maximum output
- Automatic operation is achieved by variable speed drive

- Special application for high temperature or low temperature is available with cooling jacket or heating jacket

Materials

- Pump head: SS304,SS316
- Pump case: Cast Iron
- Plunger: Ceramic or SS316 coated with ceramic
- Packing seal: PTFE and SS316 Ring
- Valves: SS304,SS316
- Valve Ball: SS304,SS316, Ceramic

Emoclew America, as one of the leading such manufacturers and suppliers, is professional in manufacturing double heads diaphragm metering pumps. Don't hesitate to buy advanced double heads diaphragm metering pumps with our factory. We will do our best to meet your requirement.

Duplex Heads Plunger Metering Pumps

Plunger Metering Pumps

Duplex Heads Plunger Metering Pumps 2J-X Series Plunger Metering Pump Capacity range 5-300lph,8-400bar 2J-X is the duplex head model of Emoclew plunger pumps. It is with one motor drive and gear box.



Description

Duplex Heads Plunger Metering Pumps
2J-X Series Plunger Metering Pump
Capacity range 5-300lph,8-400bar

2J-X is the duplex head model of Emoclew plunger pumps. It is with one motor drive and gear box. The flow rate can be adjusted individually.

Parameter Table

Model	50Hz			60 Hz			Pressure		Plunger Dia. (mm)	Stroke Length (mm)	Power kW(HP)	Inlet&Outlet Size	Connection Size
	Flow (lph)	Flow (gph)	SPM	Flow (gph)	Flow (lph)	SPM	(Bar)	(Psi)					
2J-X5/38	5	1.3	96	1.6	6	115	380	5510	6	20	0.37(0.5)	DN6	6*12mm (union for welding)
2J-X8/21	8	2.1		2.5	10		210	3045	8				
2J-X16/13	16	4.2		5.1	19		130	1885	10				
2J-X25/9	25	6.6		7.9	30		90	1305	12				
2J-X40/5.4	40	11		13	48		54	783	16				
2J-X60/3.5	60	16		19	72		35	508	20				
2J-X100/2.2	100	26		32	120		22	319	25			DN10	10*16mm (union for welding)
2J-X130/1.7	130	34		41	156		17	247	28				
2J-X160/1.3	160	42		51	192		13	189	32				
2J-X200/1.0	200	53		63	240		10	145	35				
2J-X250/0.8	250	66		79	300		8	116	38				
2J-X300/0.6	300	79		95	360		8	116	42				

Emoclew America plunger metering pump is designed for high pressure and heavy-duty applications. Unlike loss motion pumps with spring, all Emoclew plunger pumps are push and pull design. The plunger makes harmonic motion by the crankshaft .

Features

- Flow rate can be adjusted via unique adjusting mechanism from 0-100%
- The adjustment can be carried when pump is in operation or at stop
- The steady accuracy is $\pm 1\%$ from 30%-100% of the maximum output

- Automatic operation is achieved by variable speed drive
- Special application for high temperature or low temperature is available with cooling jacket or heating jacket

Materials

- Pump head: SS304,SS316
- Pump case: Cast Iron
- Plunger: Ceramic or SS316 coated with ceramic
- Packing seal: PTFE and SS316 Ring
- Valves: SS304,SS316
- Valve Ball: SS304,SS316, Ceramic

Emoclew America, as one of the leading such manufacturers and suppliers, is professional in manufacturing duplex heads plunger metering pumps. Don't hesitate to buy advanced duplex heads plunger metering pumps with our factory. We will do our best to meet your requirement.

Accurate Plunger Metering Pumps

Plunger Metering Pumps

Accurate Plunger Metering Pumps JSZSeries
Plunger Metering Pump Capacity range
6-600lph,6-400bar Power: 0.75kw JSZ motor can
be both vertical or horizontal installed.



Description

Accurate Plunger Metering Pumps
JSZSeries Plunger Metering Pump
Capacity range 6-600lph,6-400bar

Power: 0.75kw
JSZ motor can be both vertical or horizontal installed. Multiplex
gear box with one motor drive and pump base is available.

Parameter Table

Model	50Hz			60 Hz			Pressure		Plunger Dia. (mm)	Stroke Length (mm)	Power kW(HP)	Inlet&Outlet Size	Connection Size
	Flow (lph)	Flow (gph)	SPM	Flow (gph)	Flow (lph)	SPM	(Bar)	(Psi)					
JSZ 6/40	6	1.6	96	1.9	7.2	115	400	5800	8	25	0.75(1)	DN6	6*12mm (union for welding)
JSZ 10/25	10	2.6		3.2	12		250	3625	10				
JSZ 15/20	15	4.0		4.8	18		200	2900	12				
JSZ 25/10	25	6.6		7.9	30		100	1450	16				
JSZ 40/6.3	40	11		13	48		63	914	20				
JSZ 65/4.5	65	17		21	78		45	653	25				
JSZ 80/3.6	80	21		25	96		36	522	28				
JSZ 110/2.8	110	29		35	132		28	406	32				
JSZ 130/2.3	130	34		41	156		23	334	35				
JSZ 160/2.0	160	42		51	192		20	290	38				
JSZ 190/1.6	190	50		60	228		16	232	42				
JSZ 270/1.1	270	71		86	324		11	160	50				
JSZ 330/0.9	330	87		105	396		9	131	55				
JSZ 400/0.8	400	106		127	480		8	116	60				
JSZ 500/0.9	500	132	159	600	9	131	55						
JSZ 600/0.6	600	159	144	190	720	173	6	87	60	DN15	15*24mm (union for welding)		

Emoclew America plunger metering pump is designed for high pressure and heavy-duty applications. Unlike loss motion pumps with spring, all Emoclew plunger pumps are push and pull design. The plunger makes harmonic motion by the crankshaft .

Features

- Flow rate can be adjusted via unique adjusting mechanism from 0-100%
- The adjustment can be carried when pump is in operation or at stop
- The steady accuracy is $\pm 1\%$ from 30%-100% of the maximum output
- Automatic operation is achieved by variable speed drive

- Special application for high temperature or low temperature is available with cooling jacket or heating jacket

Materials

- Pump head: SS304,SS316
- Pump case: Cast Iron
- Plunger: Ceramic or SS316 coated with ceramic
- Packing seal: PTFE and SS316 Ring
- Valves: SS304,SS316
- Valve Ball: SS304,SS316, Ceramic

Emoclew America, as one of the leading such manufacturers and suppliers, is professional in manufacturing accurate plunger metering pumps. Don't hesitate to buy advanced accurate plunger metering pumps with our factory. We will do our best to meet your requirement.

High Pressure Plunger Metering Pumps

Plunger Metering Pumps

High Pressure Plunger Metering Pumps JSR Series Plunger Metering Pump Capacity range 6.5-990lph, 10-500bar Power: 1.5kw JSR motor can be both vertical or horizontal installed.



Description

High Pressure Plunger Metering Pumps
JSR Series Plunger Metering Pump
Capacity range 6.5-990lph, 10-500bar

Power: 1.5kw
JSR motor can be both vertical or horizontal installed. Multiplex gear boxes with one motor drive and pump base is available.

Parameter Table

Model	50Hz		SPM	60 Hz		SPM	Pressure		Plunger Dia. (mm)	Stroke Length (mm)	Power kW(HP)	Inlet&Outlet Size	Connection Size
	Flow (lph)	Flow (gph)		Flow (gph)	Flow (lph)		(Bar)	(Psi)					
*JSR 6/50	6.5	1.7	96	2.1	7.8	115	500	7250	8	30	1.5(2)	DN6	6*12mm (union for welding)
JSR16/40	16	4.2		5.1	19		400	5800	12				
JSR30/22	30	7.9		9.5	36		220	3190	16				
JSR50/14	50	13		16	60		140	2030	20				
JSR80/9.0	80	21		25	96		90	1305	25				
JSR100/7.5	100	26		32	120		75	1088	28				
JSR130/5.6	130	34		41	156		56	812	32				
JSR160/4.8	160	42		51	192		48	696	35				
JSR190/4.0	190	50		60	228		40	580	38				
JSR225/3.2	225	59		71	270		32	464	42				
JSR260/2.8	260	69		82	312		28	406	45				
JSR330/2.3	330	87		105	396		23	334	50				
JSR400/1.8	400	106		127	480		18	261	55				
JSR480/1.6	480	127		152	576		16	232	60				
JSR550/1.3	550	145	174	660	13	189	65						
JSR650/1.2	650	172	206	780	12	174	70						
JSR800/1.0	800	211	254	960	10	145	65						
JSR1000/1.0	990	262	314	1188	10	145	70						
			144			173						DN15	15*24mm (union for welding)
												DN20	DN20 RF

Emoclew America plunger metering pump is designed for high pressure and heavy-duty applications. Unlike loss motion pumps with spring, all Emoclew plunger pumps are push and pull design. The plunger makes harmonic motion by the crankshaft .

Features

- Flow rate can be adjusted via unique adjusting mechanism from 0-100%
- The adjustment can be carried when pump is in operation or at stop
- The steady accuracy is $\pm 1\%$ from 30%-100% of the maximum output
- Automatic operation is achieved by variable speed drive

- Special application for high temperature or low temperature is available with cooling jacket or heating jacket

Materials

- Pump head: SS304, SS316
- Pump case: Cast Iron
- Plunger: Ceramic or SS316 coated with ceramic
- Packing seal: PTFE and SS316 Ring
- Valves: SS304, SS316
- Valve Ball: SS304, SS316, Ceramic

Emoclew America, as one of the leading such manufacturers and suppliers, is professional in manufacturing accurate plunger metering pumps. Don't hesitate to buy advanced accurate plunger metering pumps with our factory. We will do our best to meet your requirement.

High Pressure Piston Pumps

Plunger Metering Pumps

High Pressure Piston Pumps JSD Series Plunger Metering Pump Capacity range 23-3000lph,6-500bar Power: 3kw JSD motor can be both vertical or horizontal installed.



Description

High Pressure Piston Pumps
JSD Series Plunger Metering Pump
Capacity range 23-3000lph,6-500bar

Power: 3kw
JSD motor can be both vertical or horizontal installed. Multiplex gear boxes with one motor drive and pump base is available.

Parameter Table

Model	50Hz			60 Hz			Pressure		Plunger Dia. (mm)	Stroke Length (mm)	Power kW(HP)	Inlet&Outlet Size	Connection Size
	Flow (lph)	Flow (gph)	SPM	Flow (gph)	Flow (lph)	SPM	(Bar)	(Psi)					
*JSD 23/50	23	6.1	100	7.3	28	120	500	7250	12	40	3(4)	DN10	DN10 WN
JSD 40/40	40	11		13	48		400	5800	16				
JSD 63/28	63	17		20	76		280	4060	20				
JSD 105/18	105	28		33	126		180	2610	25				
JSD 175/11	175	46		55	210		110	1595	32				
JSD 240/8.0	240	63		76	288		80	1160	38				
JSD 300/6.3	300	79		95	360		63	914	42				
JSD 360/5.5	360	95		114	432		55	798	45				
JSD 450/4.5	450	119		143	540		45	653	50				
JSD 540/3.8	540	143		171	648		38	551	55				
JSD 650/3.2	650	172		206	780		32	464	60				
JSD 760/2.6	760	201		241	912		26	377	65				
JSD 900/2.3	900	238		285	1080		23	334	70				
JSD1050/2.0	1050	277		333	1260		20	290	75				
JSD 1200/1.8	1200	317		380	1440		18	261	80				
JSD 1350/1.6	1350	357		428	1620		16	232	85				
JSD 1500/1.4	1500	396		476	1800		14	203	90				
JSD 1680/1.2	1680	444		533	2016		12	174	95				
JSD 1850/1.0	1850	489	587	2220	10	145	100						
JSD 2050/0.8	2050	542	650	2460	8	116	105						
JSD 2500/1.0	2500	661	793	3000	10	145	95						
JSD 3000/0.6	3000	793	951	3600	180	6	87	105					
			150									DN20	DN20 RF
												DN25	DN25 RF
												DN32	DN32 RF
												DN40	DN40 RF
												DN32	DN32 RF
												DN40	DN40 RF

Emoclew America plunger metering pump is designed for high pressure and heavy-duty applications. Unlike loss motion pumps with spring, all LPG plunger pumps are push and pull design. The plunger makes harmonic motion by the crankshaft .

Features

- Flow rate can be adjusted via unique adjusting mechanism from 0-100%
- The adjustment can be carried when pump is in operation or at stop
- The steady accuracy is $\pm 1\%$ from 30%-100% of the maximum output
- Automatic operation is achieved by variable speed drive

- Special application for high temperature or low temperature is available with cooling jacket or heating jacket

Materials

- Pump head: SS304,SS316
- Pump case: Cast Iron
- Plunger: Ceramic or SS316 coated with ceramic
- Packing seal: PTFE and SS316 Ring
- Valves: SS304,SS316
- Valve Ball: SS304,SS316, Ceramic

Emoclew America, as one of the leading such manufacturers and suppliers, is professional in manufacturing high pressure piston pumps. Done't hesitate to buy advanced high pressure piston pumps with our factory. We will do our best to meet your requirement.

High Pressure Plunger Chemical Pumps

Plunger Metering Pumps

High Pressure Plunger Chemical Pumps JDR Series Plunger Metering Pump Capacity range 92-6050lph,8-500bar Power: 5.5kw JDR motor can be both vertical or horizontal installed.



Description

High Pressure Plunger Chemical Pumps
JDR Series Plunger Metering Pump
Capacity range 92-6050lph,8-500bar

Power: 5.5kw
JDR motor can be both vertical or horizontal installed. Multiplex gear boxes with one motor drive and pump base is available.

Parameter Table

Model	50Hz		SPM	60 Hz		SPM	Pressure		Plunger Dia. (mm)	Stroke Length (mm)	Power kW(HP)	Inlet&Outlet Size	Connection Size
	Flow (lph)	Flow (gph)		Flow (gph)	Flow (lph)		(Bar)	(Psi)					
JDR 92/50	92	24	96	29	110	115	500	7250	20	60	5.5(7.5)	DN15	DN15 WN
JDR 145/32	145	38		46	174		320	4640	25				
JDR 190/18	190	50		60	228		250	3625	28				
JDR 240/20	240	63		76	288		200	2900	32				
JDR 430/11	430	114		136	516		110	1595	42				
JDR 520/9.0	520	137		165	624		90	1305	45				
JDR 650/8.0	650	172		206	780		80	1160	50				
JDR 780/6.5	780	206		247	936		65	943	55				
JDR 930/5.5	930	246		295	1116		55	798	60				
JDR 1100/4.6	1100	291		349	1320		46	667	65				
JDR 1300/4.0	1300	343		412	1560		40	580	70				
JDR 1480/3.5	1480	391		469	1776		35	508	75				
JDR 1700/3.0	1700	449		539	2040		30	435	80				
JDR 1920/2.8	1920	507		609	2304		28	406	85				
JDR 2150/2.4	2150	568		682	2580		24	348	90				
JDR 2400/2.2	2400	634		761	2880		2.2	32	95				
JDR 2680/2.0	2680	708		850	3216		18	261	100				
JDR 3250/1.6	3250	859		1030	3900		15	218	110				
JDR 3860/1.3	3860	1020		1224	4632		13	189	120				
JDR 4550/1.1	4550	1202		1443	5460		11	160	130				
JDR 5260/1.0	5260	1390	1668	6312	10	145	140						
JDR 6050/0.8	6050	1598	1918	7260	8	116	150						

Emoclew America plunger metering pump is designed for high pressure and heavy-duty applications. Unlike loss motion pumps with spring, all Emoclew plunger pumps are push and pull design. The plunger makes harmonic motion by the crankshaft .

Features

- Flow rate can be adjusted via unique adjusting mechanism from 0-100%
- The adjustment can be carried when pump is in operation or at stop
- The steady accuracy is $\pm 1\%$ from 30%-100% of the maximum output
- Automatic operation is achieved by variable speed drive

- Special application for high temperature or low temperature is available with cooling jacket or heating jacket

Materials

- Pump head: SS304,SS316
- Pump case: Cast Iron
- Plunger: Ceramic or SS316 coated with ceramic
- Packing seal: PTFE and SS316 Ring
- Valves: SS304,SS316
- Valve Ball: SS304,SS316, Ceramic

Emoclew America, as one of the leading such manufacturers and suppliers, is professional in manufacturing high pressure plunger chemical pumps. Done't hesitate to buy advanced high pressure plunger chemical pumps with our factory. We will do our best to meet your requirement.

High Flow Plunger Pumps

Plunger Metering Pumps

Emoclew plunger metering pump is designed for high pressure and heavy-duty applications. Unlike loss motion pumps with spring, all Emoclew plunger pumps are push and pull design.



Description

High Flow Plunger Pumps
J-TSeries Plunger Metering Pump

Capacity range 186-14000lph,6-500bar
Power: 11kw

Parameter Table

Model	50Hz			60 Hz			Pressure		Plunger Dia. (mm)	Stroke Length (mm)	Power kW(HP)	Inlet&Outlet Size	Connection Size
	Flow (lph)	Flow (gph)	SPM	Flow (gph)	Flow (lph)	SPM	(Bar)	(Psi)					
J-T180/50	186	49	93	59	223	112	500	7250	25	80	11(15)	DN15	DN15 WN
J-T220/40	229	61		73	275		400	5800	28				
J-T300/30	304	80		96	365		300	4350	32				
J-T450/22	455	120		144	546		220	3190	38				
J-T550/18	556	147		176	667		180	2610	42				
J-T780/12	788	208		250	946		120	1740	50				
J-T1000/10	1000	264		317	1200		100	1450	55				
J-T1200/8.5	1200	317		380	1440		85	1233	60				
J-T1400/7.5	1420	375		450	1704		75	1088	65				
J-T1650/6.5	1665	440		528	1998		65	943	70				
J-T1900/5.5	1910	505		606	2292		55	798	75				
J-T2200/4.8	2200	581		697	2640		48	696	80				
J-T2480/4.3	2485	657		788	2982		43	624	85				
J-T2800/3.8	2800	740		888	3360		38	551	90				
J-T3100/3.5	3130	827		992	3756		35	508	95				
J-T3460/3.1	3468	916		1099	4162		31	450	100				
J-T4200/2.6	4200	1110		1332	5040		26	377	110				
J-T5000/2.2	5000	1321		1585	6000		22	319	120				
J-T5800/1.8	5890	1556		1867	7068		18	261	130				
J-T6800/1.6	6830	1804		2165	8196		16	232	140				
J-T7800/1.4	7840	2071	2486	9408	14	203	150						
J-T8900/1.2	8920	2357	2828	10704	12	174	160						
J-T10000/1.1	10050	2655	3186	12060	11	160	170						
J-T11300/0.9	11330	2993	3592	13596	9	131	180						
J-T12600/0.8	12600	3329	3995	15120	8	116	190						
J-T14000/0.6	14000	3699	4439	16800	6	87	200						
												DN20	DN20 WN
												DN25	DN25 RF
												DN32	DN32 RF
												DN40	DN40 RF
												DN50	DN50 RF
												DN65	DN65 RF

Emoclew America plunger metering pump is designed for high pressure and heavy-duty applications. Unlike loss motion pumps with spring, all Emoclew plunger pumps are push and pull design. The plunger makes harmonic motion by the crankshaft .

Features

- Flow rate can be adjusted via unique adjusting mechanism from 0-100%
- The adjustment can be carried when pump is in operation or at stop
- The steady accuracy is $\pm 1\%$ from 30%-100% of the maximum output
- Automatic operation is achieved by variable speed drive

- Special application for high temperature or low temperature is available with cooling jacket or heating jacket

Materials

- Pump head: SS304,SS316
- Pump case: Cast Iron
- Plunger: Ceramic or SS316 coated with ceramic
- Packing seal: PTFE and SS316 Ring
- Valves: SS304,SS316
- Valve Ball: SS304,SS316, Ceramic

Emoclew America, as one of the leading such manufacturers and suppliers, is professional in manufacturing high flow plunger pumps. Don't hesitate to buy advanced high flow plunger pumps with our factory. We will do our best to meet your requirement.

Accurate Hydraulic Diaphragm Metering Pumps

Hydraulic Diaphragm Metering Pumps

Accurate Hydraulic Diaphragm Metering Pumps
 JYSX Series Hydraulic Diaphragm Metering Pump
 Capacity range 10-180lph ,8-140bar Power:
 0.37kw JYSX is the smallest model of Emoclew
 hydraulic diaphragm pumps.



Description

Accurate Hydraulic Diaphragm Metering Pumps
 JYSX Series Hydraulic Diaphragm Metering Pump
 Capacity range 10-180lph ,8-140bar
 Power: 0.37kw
 JYSX is the smallest model of Emoclew hydraulic diaphragm pumps.

Double diaphragm with diaphragm rupture detecting system is available to prevent accident caused by mixture of hydraulic oil and the liquid after diaphragm ruptures.
 Parameter Table

Parameter Table

Model	50Hz			60 Hz			Pressure		Plunger Dia. (mm)	Diaphragm Dia. (mm)	Stroke Length (mm)	Power kW(HP)	Inlet&Outlet Size	Connection Size
	Flow (lph)	Flow (gph)	SPM	Flow (gph)	Flow (lph)	SPM	(Bar)	(Psi)						
JYSX 10/14	10	2.6	80	3.2	12	96	140	2030	12	67	20	0.37(0.5)	DN6	6*12mm (union for welding)
JYSX 15/14	15	4.0	120	4.8	18	144	140	2030	12	67				
JYSX 27/7.6	27	7.1		8.6	32		76	1102	16	67				
JYSX 40/5.0	44	12		14	53		50	725	20	80				
JYSX 65/3.2	68	18	22	82	32	464	25	80						
JYSX 86/2.5	86	23	27	103	25	363	28	97						
JYSX 112/2.0	112	30	36	134	20	290	32	97						
JYSX 135/1.6	135	36	43	162	16	232	35	97						
JYSX 160/1.3	160	42	51	192	13	189	38	97						
JYSX 180/0.8	180	48	57	216	8	116	40	97	DN10	10*16mm (union for welding)				

Features of Emoclew Hydraulic Diaphragm Pumps

It consists of three main devices: (1)driving device, (2) adjusting device, (3) liquid delivery device. The crankshaft which reduces motor rotation speed by worm and worm gear makes the piston reciprocate in the hydraulic oil chamber. This reciprocating movements of the piston make the PTFE diaphragm and the liquid which is isolated by the diaphragm sucked and discharged. Each pump is with internal pressure relief valve protecting pump from over pressure conditions.

The flow rate can adjusted via unique adjusting mechanism from 0-100%. The adjustment can be carried when pump is in operation or at stop. The steady state accuracy is $\pm 1\%$ from 30%-100% of the maximum output. Automatic operation is achieved by variable speed drive. Emoclew hydraulic diaphragm pumps are suitable for crossive,vaporing, flammable, explosive or toxic solutions. It can also transport suspended liquid or moderately viscous liquid.

Double diaphragm with diaphragm rupture detecting system is available to prevent accident caused by mixture of hydraulic oil and the liquid after diaphragm ruptures.

Emoclew America, as one of the leading such manufacturers and suppliers, is professional in manufacturing accurate hydraulic diaphragm metering pumps. Don't hesitate to buy advanced accurate hydraulic diaphragm metering pumps with our factory. We will do our best to meet your requirement.

PTFE Diaphragm Hydraulic Metering Pumps

Hydraulic Diaphragm Metering Pumps

It consists of three main devices:
 (1) driving device,
 (2) adjusting device,
 (3) liquid delivery device.



Description

PTFE Diaphragm Hydraulic Metering Pumps
 JYSZ Series Hydraulic Diaphragm Metering Pump
 Capacity range 10-400lph ,10-200bar
 Power: 0.75kw

Double diaphragm with diaphragm rupture detecting system is available to prevent accident caused by mixture of hydraulic oil and the liquid after diaphragm ruptures.

Parameter Table

Model	50Hz			60 Hz			Pressure		Plunger Dia. (mm)	Diaphragm Dia. (mm)	Stroke Length (mm)	Power kW(HP)	Inlet&Outlet Size	Connection Size		
	Flow (lph)	Flow (gph)	SPM	Flow (gph)	Flow (lph)	SPM	(Bar)	(Psi)								
JYSZ10/20	10	2.6	96	3.2	12	115	200	2900	12	80	25	0.75(1)	DN6	6*12mm (union for welding)		
JYSZ15/20	15	4.0	144	4.8	18	173	200	2900	12	80						
JYSZ35/10	35	9.2		11	42		100	1450	16	92						
JYSZ45/9.0	45	12		14	54		90	1305	18	92						
JYSZ60/7.2	58	15		18	69.6		72	1044	20	92						
JYSZ70/6.0	72	19		23	86.4		60	870	22	110						
JYSZ100/4.0	100	26		32	120		40	580	25	110						
JYSZ130/3.2	135	36		43	162		32	464	30	110						
JYSZ150/2.8	150	40		48	180		28	406	32	130						
JYSZ200/2.2	200	53		63	240		22	319	36	130						
JYSZ240/1.8	240	63		76	288		18	261	40	130						
JYSZ300/1.4	300	79		95	360		14	203	45	130						
JYSZ400/1.1	400	106		127	480		10	145	50	130						
															DN10	10*16mm (union for welding)
															DN15	15*24mm (union for welding)
													DN15	DN15 RF		

Features of Emoclew Hydraulic Diaphragm Pumps

It consists of three main devices: (1) driving device, (2) adjusting device, (3) liquid delivery device. The crankshaft which reduces motor rotation speed by worm and worm gear makes the piston reciprocate in the hydraulic oil chamber. This reciprocating movements of the piston make the PTFE diaphragm and the liquid which is isolated by the diaphragm sucked and discharged. Each pump is with internal pressure relief valve protecting pump from over pressure conditions.

The flow rate can adjusted via unique adjusting mechanism from 0-100%. The adjustment can be carried when pump is in operation or at stop. The steady state accuracy is ±1% from 30%-100% of the maximum output. Automatic operation is achieved by variable speed drive. Emoclew hydraulic diaphragm pumps are suitable for corrosive, vaporizing, flammable, explosive or toxic solutions. It can also transport suspended liquid or moderately viscous liquid.

Double diaphragm with diaphragm rupture detecting system is available to prevent accident caused by mixture of hydraulic oil and the liquid after diaphragm ruptures.

Emoclew America, as one of the leading such manufacturers and suppliers, is professional in manufacturing ptfе diaphragm hydraulic metering pumps. Don't hesitate to buy advanced ptfе diaphragm hydraulic metering pumps with our factory. We will do our best to meet your requirement.

Internal Relief Valve Hydraulic Diaphragm Pumps

Hydraulic Diaphragm Metering Pumps

It consists of three main devices:
 (1) driving device,
 (2) adjusting device,
 (3) liquid delivery device.



Description

Internal Relief Valve Hydraulic Diaphragm Pumps
 JYSR Series Hydraulic Diaphragm Metering Pump
 Capacity range 28-700lph , 16-220bar
 Power: 1.5kw

Double diaphragm with diaphragm rupture detecting system is available to prevent accident caused by mixture of hydraulic oil and the liquid after diaphragm ruptures.

Parameter Table

Model	50Hz			60 Hz			Pressure		Plunger Dia. (mm)	Diaphragm Dia. (mm)	Stroke Length (mm)	Power kW(HP)	Inlet&Outlet Size	Connection Size
	Flow (lph)	Flow (gph)	SPM	Flow (gph)	Flow (lph)	SPM	(Bar)	(Psi)						
JYSR28/22	28	7.4	96	8.9	34	115	220	3190	16	92	30	1.5(2)	DN10	10*16mm (union for welding)
JYSR42/22	42	11	144	13	50	173	220	3190	16	92				
JYSR50/18	56	15		18	67		180	2610	18	92				
JYSR70/14	70	18		22	84		140	2030	20	110				
JYSR85/12	85	22		27	102		120	1740	22	110				
JYSR110/9.0	110	29		35	132		90	1305	25	110				
JYSR165/6.5	165	44		52	198		65	943	30	130			DN15	15*24mm (union for welding)
JYSR190/5.6	190	50		60	228		56	812	32	130				
JYSR250/4.5	250	66		79	300		45	653	36	130				
JYSR300/3.6	300	79		95	360		36	522	40	150				
JYSR380/2.8	380	100		120	456		28	406	45	150				
JYSR480/2.3	480	127		152	576		23	334	50	150				
JYSR580/1.8	580	153		184	696		18	261	55	150			DN20	DN15 RF
JYSR700/1.6	700	185		222	840		16	232	60	150				

Features of LGP Hydraulic Diaphragm Pumps

It consists of three main devices: (1) driving device, (2) adjusting device, (3) liquid delivery device. The crankshaft which reduces motor rotation speed by worm and worm gear makes the piston reciprocate in the hydraulic oil chamber. This reciprocating movements of the piston make the PTFE diaphragm and the liquid which is isolated by the diaphragm sucked and discharged. Each pump is with internal pressure relief valve protecting pump from over pressure conditions.

The flow rate can adjusted via unique adjusting mechanism from 0-100%. The adjustment can be carried when pump is in operation or at stop. The steady state accuracy is $\pm 1\%$ from 30%-100% of the maximum output. Automatic operation is achieved by variable speed drive. Emoclew hydraulic diaphragm pumps are suitable for crossive, vaporing, flammable, explosive or toxic solutions. It can also transport suspended liquid or moderately viscous liquid.

Double diaphragm with diaphragm rupture detecting system is available to prevent accident caused by mixture of hydraulic oil and the liquid after diaphragm ruptures.

Emoclew America, as one of the leading such manufacturers and suppliers, is professional in manufacturing internal relief valve hydraulic diaphragm pumps. Don't hesitate to buy advanced internal relief valve hydraulic diaphragm pumps with our factory. We will do our best to meet your requirement.

High Pressure Hydraulic Diaphragm Pumps

Hydraulic Diaphragm Metering Pumps

It consists of three main devices:
 (1) driving device,
 (2) adjusting device,
 (3) liquid delivery device.



Description

High Pressure Hydraulic Diaphragm Pumps
 JYSD Series Hydraulic Diaphragm Metering Pump
 Capacity range 40-1800lph , 18-350bar
 Power: 3w

Double diaphragm with diaphragm rupture detecting system is available to prevent accident caused by mixture of hydraulic oil and the liquid after diaphragm ruptures.

Parameter Table

Model	50Hz			60 Hz			Pressure		Plunger Dia. (mm)	Diaphragm Dia. (mm)	Stroke Length (mm)	Power kW(HP)	Inlet&Outlet Size	Connection Size
	Flow (lph)	Flow (gph)	SPM	Flow (gph)	Flow (lph)	SPM	(Bar)	(Psi)						
JYSD40/35	40	11	100	13	48	120	350	5075	16	110	40	3(4)	DN10	DN10 WN
JYSD63/35	63	17	150	20	76	180	350	5075	16	110				
JYSD80/30	80	21		25	96		300	4350	18	130				
JYSD100/26	100	26		32	120		260	3770	20	130				
JYSD125/23	125	33		40	150		230	3335	22	130				
JYSD160/18	160	42		51	192		180	2610	25	130				
JYSD240/12	240	63		76	288		120	1740	30	130				
JYSD260/11	260	69		82	312		110	1595	32	130				
JYSD340/8.5	340	90		108	408		85	1233	36	150				
JYSD420/6.8	420	111		133	504		68	986	40	150				
JYSD540/5.6	540	143		171	648		56	812	45	170				
JYSD670/4.5	670	177		212	804		45	653	50	170				
JYSD820/3.8	820	217		260	984		38	551	55	170				
JYSD980/3.2	980	259	311	1176	32	464	60	180						
JYSD1100/2.8	1100	291	349	1320	28	406	63	180						
JYSD1160/2.6	1160	306	368	1392	26	377	65	190						
JYSD1350/2.3	1350	357	428	1620	23	334	70	190						
JYSD1550/2.0	1550	410	491	1860	20	290	75	200						
JYSD1800/1.8	1800	476	571	2160	18	261	80	220						

Features of Emoclew Hydraulic Diaphragm Pumps

It consists of three main devices: (1) driving device, (2) adjusting device, (3) liquid delivery device. The crankshaft which reduces motor rotation speed by worm and worm gear makes the piston reciprocate in the hydraulic oil chamber. This reciprocating movements of the piston make the PTFE diaphragm and the liquid which is isolated by the diaphragm sucked and discharged. Each pump is with internal pressure relief valve protecting pump from over pressure conditions.

The flow rate can adjusted via unique adjusting mechanism from 0-100%. The adjustment can be carried when pump is in operation or at stop. The steady state accuracy is $\pm 1\%$ from 30%-100% of the maximum output. Automatic operation is achieved by variable speed drive. Emoclew hydraulic diaphragm pumps are suitable for corrosive, vaporizing, flammable, explosive or toxic solutions. It can also transport suspended liquid or moderately viscous liquid.

Double diaphragm with diaphragm rupture detecting system is available to prevent accident caused by mixture of hydraulic oil and the liquid after diaphragm ruptures.

Emoclew America, as one of the leading such manufacturers and suppliers, is professional in manufacturing high pressure hydraulic diaphragm pumps. Don't hesitate to buy advanced high pressure hydraulic diaphragm pumps with our factory. We will do our best to meet your requirement.

High Flow Hydraulic Metering Pumps

Hydraulic Diaphragm Metering Pumps



It consists of three main devices:

- (1) driving device,
- (2) adjusting device,
- (3) liquid delivery device.

Description

High Pressure Hydraulic Diaphragm Pumps
 JYSD Series Hydraulic Diaphragm Metering Pump
 Capacity range 40-1800lph , 18-350bar
 Power: 3w

Double diaphragm with diaphragm rupture detecting system is available to prevent accident caused by mixture of hydraulic oil and the liquid after diaphragm ruptures.

Parameter Table

Model	50Hz			60 Hz			Pressure		Plunger Dia. (mm)	Diaphragm Dia. (mm)	Stroke Length (mm)	Power kW(HP)	Inlet&Outlet Size	Connection Size
	Flow (lph)	Flow (gph)	SPM	Flow (gph)	Flow (lph)	SPM	(Bar)	(Psi)						
JYDR90/40	90	24	96	29	108	115	400	5800	20	150	60	5.5(7.5)	DN15	DN15 WN
JYDR140/40	140	37		44	168		400	5800	20	150				
JYDR220 / 32	220	58		70	264		320	4640	25	150				
JYDR315 / 22	315	83		100	378		220	3190	30	150				
JYDR360 / 20	360	95		114	432		200	2900	32	150				
JYDR480 / 15	480	127		152	576		150	2175	36	170				
JYDR600 / 12	600	159		190	720		120	1740	40	170				
JYDR750 / 10	750	198		238	900		100	1450	45	170				
JYDR960 / 8.0	960	254		304	1152		80	1160	50	190				
JYDR1200 / 6.5	1200	317	144	380	1440	173	65	943	55	190				
JYDR1450 / 5.5	1450	383		460	1740		55	798	60	200			200	
JYDR1550 / 5.0	1550	410		491	1860		50	725	63	200			200	
JYDR1650 / 4.6	1650	436		523	1980		46	667	65	220			220	
JYDR1920 / 4.0	1920	507		609	2304		40	580	70	220			220	
JYDR2240 / 3.5	2240	592		710	2688		35	508	75	240			240	
JYDR2550 / 3.0	2550	674		808	3060		30	435	80	240			240	
JYDR2880 / 2.8	2880	761		913	3456		28	406	85	260	260			
JYDR3250 / 2.4	3250	859	1030	3900	24	348	90	260	260					
JYDR3600 / 2.2	3600	951	1141	4320	22	319	95	280	280					
JYDR4000 / 2.0	4000	1057	1268	4800	20	290	100	280	280					
JYDR4900 / 1.6	4900	1295	1554	5880	16	232	110	280	280					
													DN32	DN32 RF
													DN40	DN40 RF

Features of Emoclew Hydraulic Diaphragm Pumps

It consists of three main devices: (1)driving device, (2) adjusting device, (3) liquid delivery device. The crankshaft which reduces motor rotation speed by worm and worm gear makes the piston reciprocate in the hydraulic oil chamber. This reciprocating movements of the piston make the PTFE diaphragm and the liquid which is isolated by the diaphragm sucked and discharged. Each pump is with internal pressure relief valve protecting pump from over pressure conditions.

The flow rate can adjusted via unique adjusting mechanism from 0-100%. The adjustment can be carried when pump is in operation or at stop. The steady state accuracy is ±1% from 30%-100% of the maximum output. Automatic operation is achieved by variable speed drive. Emoclew hydraulic diaphragm pumps are suitable for crossive,vaporing, flammable, explosive or toxic solutions. It can also transport suspended liquid or moderately viscous liquid.

Double diaphragm with diaphragm rupture detecting system is available to prevent accident caused by mixture of hydraulic oil and the liquid after diaphragm ruptures.

Emoclew America, as one of the leading such manufacturers and suppliers, is professional in manufacturing high flow hydraulic metering pumps. Don't hesitate to buy advanced high flow hydraulic metering pumps with our factory. We will do our best to meet your requirement.

High Flow Hydraulic Chemical Pumps

Hydraulic Diaphragm Metering Pumps

It consists of three main devices:

- (1) driving device,
- (2) adjusting device,
- (3) liquid delivery device.



Description

High Flow Hydraulic Chemical Pumps
 JYT Series Hydraulic Diaphragm Metering Pump
 Capacity range 180-10000lph ,10-400bar
 Power: 11kw

Double diaphragm with diaphragm rupture detecting system is available to prevent accident caused by mixture of hydraulic oil and the liquid after diaphragm ruptures.

Parameter Table

Model	50Hz			60 Hz			Pressure		Plunger Dia. (mm)	Diaphragm Dia. (mm)	Stroke Length (mm)	Power kW(HP)	Inlet&Outlet Size	Connection Size
	Flow (lph)	Flow (gph)	SPM	Flow (gph)	Flow (lph)	SPM	(Bar)	(Psi)						
JYT180/40	180	48	96	57	216	115	400	5800	25	170	80	11(15)	DN15	DN15 WN
JYT260/35	260	69		82	312		350	5075	30	170				
JYT300/30	300	79		95	360		300	4350	32	180				
JYT390/24	390	103		124	468		240	3480	36	180				
JYT480/20	480	127		152	576		200	2900	40	190				
JYT600/15	600	159		190	720		150	2175	45	190				
JYT780/12	780	206		247	936		120	1740	50	200				
JYT950/12	950	251		301	1140		100	1450	55	200				
JYT1100/8.5	1100	291		349	1320		85	1233	60	220				
JYT1250/8.0	1250	330		396	1500		80	1160	63	220				
JYT1300/7.5	1300	343		412	1560		75	1088	65	240				
JYT1500/6.3	1500	396		476	1800		63	914	70	240				
JYT1800/5.5	1800	476		571	2160		55	798	75	240				
JYT2000/4.8	2000	528		634	2400		48	696	80	260				
JYT2300/4.3	2300	608		729	2760		43	624	85	260				
JYT2650/3.8	2650	700		840	3180		38	551	90	260				
JYT3000/3.5	3000	793		951	3600		35	508	95	280				
JYT3300/3.1	3300	872		1046	3960		31	450	100	280				
JYT4000/2.6	4000	1057		1268	4800		26	377	110	280				
JYT4900/2.2	4900	1295		1554	5880		22	319	120	310				
JYT5700/1.8	5700	1506	1807	6840	18	261	130	310						
JYT6600/1.6	6600	1744	2092	7920	16	232	140	310						
JYT7700/1.4	7700	2034	2441	9240	14	203	150	330						
JYT8800/1.2	8800	2325	2790	10560	12	174	160	330						
JYT10000/1.0	10000	2642	3170	12000	10	145	170	350						

Features of Emoclew Hydraulic Diaphragm Pumps

It consists of three main devices: (1)driving device, (2) adjusting device, (3) liquid delivery device. The crankshaft which reduces motor rotation speed by worm and worm gear makes the piston reciprocate in the hydraulic oil chamber. This reciprocating movements of the piston make the PTFE diaphragm and the liquid which is isolated by the diaphragm sucked and discharged. Each pump is with internal pressure relief valve protecting pump from over pressure conditions.

The flow rate can adjusted via unique adjusting mechanism from 0-100%. The adjustment can be carried when pump is in operation or at stop. The steady state accuracy is ±1% from 30%-100% of the maximum output. Automatic operation is achieved by variable speed drive. Emoclew hydraulic diaphragm pumps are suitable for crossive,vaporizing, flammable, explosive or toxic solutions. It can also transport suspended liquid or moderately viscous liquid.

Double diaphragm with diaphragm rupture detecting system is available to prevent accident caused by mixture of hydraulic oil and the liquid after diaphragm ruptures.

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**Working hard for
your needs.**

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