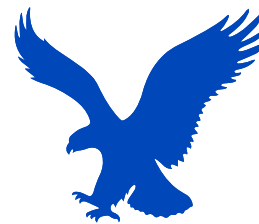


Accurate Hydraulic Diaphragm Metering Pumps

Hydraulic Diaphragm Metering Pumps



EMOCLEW AMERICA



Metering Pumps

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

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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

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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	DN10	10*16mm (union for welding)				
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						

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 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.



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