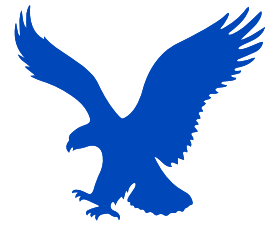


High Flow Hydraulic Metering Pumps

Hydraulic Diaphragm Metering Pumps



EMOCLEW AMERICA



Metering Pumps

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	144	44	168	173	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		380	1440		65	943	55	190				
JYDR1450 / 5.5	1450	383		460	1740		55	798	60	200				
JYDR1550 / 5.0	1550	410		491	1860		50	725	63	200				
JYDR1650 / 4.6	1650	436		523	1980		46	667	65	220				
JYDR1920 / 4.0	1920	507		609	2304		40	580	70	220				
JYDR2240 / 3.5	2240	592		710	2688		35	508	75	240				
JYDR2550 / 3.0	2550	674		808	3060		30	435	80	240				
JYDR2880 / 2.8	2880	761		913	3456		28	406	85	260				
JYDR3250 / 2.4	3250	859	1030	3900	24	348	90	260						
JYDR3600 / 2.2	3600	951	1141	4320	22	319	95	280						
JYDR4000 / 2.0	4000	1057	1268	4800	20	290	100	280						
JYDR4900 / 1.6	4900	1295	1554	5880	16	232	110	280						

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.



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