



JPX SERIES **METERING PUMP**

SELECTION BROCHURE

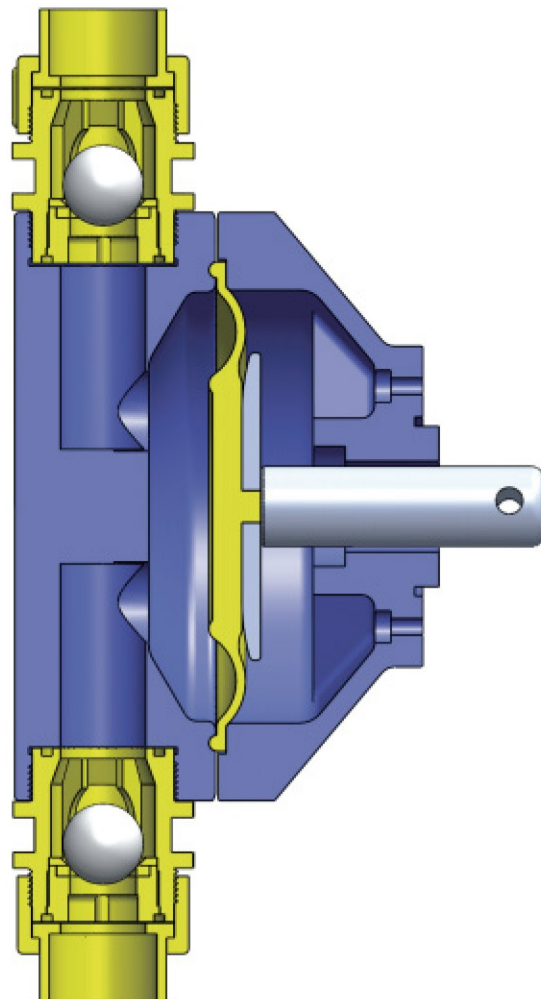
MECHANICAL DIAPHRAGM METERING PUMP

DEFINITION

The diaphragm type metering pump uses a diaphragm to replace the piston, realizes reciprocating motion under the action of the driving mechanism, and completes the pump for the suction and discharge processes.

FEATURES

- No moving seal, no leakage.
- It can transport high viscosity media, abrasive pastes and hazardous chemicals.
- Cast aluminum housing, high heat dissipation and light overall weight.
- The diaphragm is pressed into a multi-layer composite structure, the first layer of super tough Teflon acid-resistant film, the second layer of EPDM elastic rubber, the third layer of thickness 3mm SUS304 supporting iron core, the fourth layer is reinforced with nylon fiber reinforcement, the fifth layer It is fully packaged with EPDM elastic rubber, which can effectively improve the service life of the diaphragm.
- The pressure is generally less than 1.2Mpa.



PUMP HEAD CONFIGURATION ACCORDING TO DIFFERENT APPLICATIONS



PVC



SS304/316



PVDF/PTFE

JPX

MAIN PARAMETER

- Flow range: 1-230LPH@50Hz/1.2-276LPH@60Hz
- Pressure range: 1-400 Bar
- Power: **0.37kw** IEC71 4 pole Motor
- Material: SS304; SS316, others on request



PARAMETER TABLE

Plunger
Metering Pump

Model	50Hz		60Hz		pressure (MPa)	Piston Size	Stroke Length (mm)	Motor Power (KW)	Connection
	Flow Rate (L/H)	PUMP Speed (SPM)	Flow Rate (L/H)	Pump Speed (SPM)		Dia (mm)			
JPX1/40	1	96	1.2	115	40	6	10	0.37	DN6 union for welding
JPX2/40	2		2.4		40	6	20		
JPX5/33	5		6		33	8			
JPX8/21	8		9.6		21	10			
JPX12/15	12		14		15	12			
JPX20/8	20		24		8	16			
JPX33/5	33		40		5	20			DN10 union for welding
JPX52/3.3	52		62		3.3	25			
JPX65/2.6	65		78		2.6	28			
JPX88/2.1	88		106		2.1	32			
JPX105/1.7	105		126		1.7	35			
JPX125/1.4	125		150		1.4	38	DN15 union for welding		
JPX155/1.1	150	186	1.1	42					
JPX190/1.1	190	144	228	173	1.1	38			
JPX230/1.0	230		276		1	42			

Duplex or Triplex head is available.



