



Technical Catalogue



JPR Series

Plunger Metering Pump

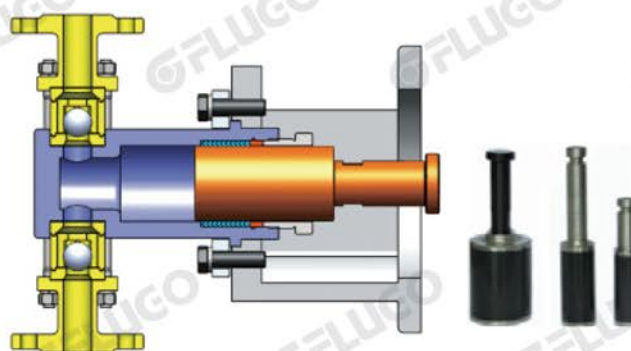
PLUNGER TYPE METERING PUMP

DEFINITION

A pump that periodically changes the volume of the working chamber by the reciprocating straight line of the plunger.

MAIN FEATURES

- High pressure, up to 50Mpa
- High accuracy, the precision error within 1%
- For high viscosity, up to 2000cps
- Plunger made of ceramic or SS316 coated with ceramic
- Heat jacket or cooling jacket is available
- All model can be equipped with auto stroke controller



APPLICATIONS

Widely used in chemical, petroleum, metallurgy, electric power, medicine, food, plastic foam and other fields. It is especially popular in processes that deliver high viscosity, high pressure, and high temperatures.

MATERIAL OPTIONS

Wetted Parts: Standard material is SS304 or SS316, other materials on request
Gear Box: Casting

JPR

MAIN PARAMETER

- **Flow range:** 18-1620LPH@50Hz/22-1944LPH@60Hz
- **Pressure range:** 7-500 Bar
- **Power:** 1.5kw IEC90 4 pole Motor
- **Material:** SS304; SS316, others on request



Plunger
Metering Pump

PARAMETER TABLE

Model	50Hz		60Hz		Pressure (MPa)	Piston Size Dia (mm)	Stroke Length (mm)	Motor Power (KW)	Connection
	Flow Rate (L/H)	Pump Speed (SPM)	Flow Rate (L/H)	Pump Speed (SPM)					
JPR18/50	18	96	22	115	50	12	30	1.5	DN10 union for welding
JPR32/31	32		38		31	16			
JPR52/20	52		62		20	20			
JPR80/12	80		96		12	25			
JPR100/10	100		120		10	28			
JPR135/8	135		162		8	32			
JPR160/6.5	160		192		6.5	35			DN15 union for welding
JPR190/5.5	190		228		5.5	38			
JPR232/4.5	232		278		4.5	42			
JPR268/4.0	268		322		4	45			
JPR332/3.2	332		398		3.2	50			
JPR400/2.5	400		480		2.5	55			DN25 Flange (HG/T20592 RF)
JPR480/2.2	480		576		2.2	60			
JPR565/1.8	565		678		1.8	65			
JPR655/1.6	655		786		1.6	70			
JPR750/1.4	750		786		1.4	75			
JPR855/1.2	855		1026		1.2	80			DN40 Flange (HG/T20592 RF)
JPR965/1.0	965	144	1158	173	1.0	85			
JPR1080/0.9	1080		1296		0.9	90			
JPR1280/0.9	1280		1536		0.9	80			
JPR1450/0.8	1450		1740		0.8	85			
JPR1620/0.7	1620		1944		0.7	90			

Duplex or Triplex head is available.



Plunger Metering Pump

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