

JPR | PLUNGER METERING PUMP



- Max Flow: Qmax=1620L/H@50Hz;1944L/H@60Hz
- Max Pressure: Pmax=50MPa
- Adjust ratio: 1:200
- Accuracy: ±1%
- Control: Manual stroke
- Head and Check Valve Material : SS304;SS316L;Others on request
- Plunger Material : SS coated with ceramic
- Packing Seal Material : PTFE ring+ SS ring
- Ball Material : SS316
- Ball Quantity : two balls(DN10)
single ball(DN15&DN25&DN40)
- Gasket Material :PP(Standard); PTFE (Temperature 100-150° C) ;Copper(Temperature above 150° C)
- Liquid temperature range : -20.+130 ° C (SS304/316/316L); above 130° C have to be with cooling ;max 350° C
- Power: standard IE3 380V 50Hz 3ph ; others on request;VfMotor; Explosion-proof Motor
- Automatic control options: Auto stroke controller; VFD with VF Motor;LIGAO Digital Servo Motor Module(380V 3 phase)

PERFORMANCE PARAMETER

Model	Flow(L/h)		Pressure Mpa	Plunger mm	SPM	Motor	Connection
	50Hz	60Hz					
JPR15/50	15	18	50	12	96	1.5KW	DN10 Welding Union
JPR30/28	30	36	28	16			
JPR50/18	50	60	18	20			
JPR80/11	80	96	11	25			
JPR100/9	100	120	9	28			
JPR135/7	135	162	7	32	96	DN15 Welding Union	
JPR160/5.8	160	192	5.8	35			
JPR190/5.0	190	228	5	38			
JPR230/4.0	230	276	4	42			
JPR265/3.5	265	318	3.5	45			
JPR330/2.9	330	396	2.9	50	96	DN25 Flange (HG/T20592RF)	
JPR400/2.3	400	480	2.3	55			
JPR480/2.0	480	576	2	60			
JPR560/1.7	560	672	1.7	65			
JPR650/1.5	650	780	1.5	70			
JPR750/1.3	750	900	1.3	75	96	DN40 Flange (HG/T20592RF)	
JPR850/1.1	850	1020	1.1	80			
JPR960/0.9	960	1152	0.9	85			
JPR1080/0.8	1080	1296	0.8	90			
JPR1280/0.8	1280	1536	0.8	80			
JPR1450/0.7	1450	1740	0.7	85	144	DN50 Flange (HG/T20592RF)	
JPR1620/0.6	1620	1944	0.6	90			

Note: Double or multiple heads can be mounted on one pump base. (Pressure will reduce if power not increased)

JPD | PLUNGER METERING PUMP



- Max Flow: Qmax=3720L/H@50Hz;4464L/H@60Hz
- Max Pressure: Pmax=50MPa
- Adjust ratio: 1:400
- Accuracy: ±1%
- Control: Manual stroke
- Head and Check Valve Material : SS304;SS316L;Others on request
- Plunger Material : SS coated with ceramic
- Packing Seal Material : PTFE ring+ SS ring
- Ball Material : SS316
- Ball Quantity. : two balls(DN10&DN15)
single ball(DN25&DN40)
90° Angle valve (DN50)(without balls)
- Gasket Material :PP(Standard); PTFE (Temperature 100-150° C) ;Copper(Temperature above 150° C)
- Liquid temperature range : -20.+130 ° C (SS304/316/316L); above 130° C have to be with cooling ;max 350° C
- Power: standard IE3 380V 50Hz 3ph ; others on request;VfMotor; Explosion-proof Motor
- Automatic control options: Electric actuator; VFD with VF Motor;LIGAO Digital Servo Motor Module(380V 3 phase)

PERFORMANCE PARAMETER

Model	Flow(L/h)		Pressure Mpa		Plunger mm	SPM	Connection
	50Hz	60Hz	3kW	4kW			
JPD28/50	28	33.6	50	/	12	96	DN10 Welding Union
JPD53/(40/50)	53	63.6	40	50	16		
JPD85/(25/35)	85	102	25	35	20		
JPD135/(16/22)	135	162	16	22	25	96	DN15 Flange (HG/T20615TG)
JPD170/(12/17)	170	204	12	17	28		
JPD220/(9/13)	220	264	9	13	32		
JPD320/(6.8/9)	320	384	6.8	9	38		
JPD390/(5.6/8)	390	468	5.6	8	42		
JPD450/(4.8/7)	450	540	4.8	7	45	96	DN25 Flange (HG/T20615TG) (HG/T20592RF)
JPD550/(4/5.6)	550	660	4	5.6	50		
JPD670/(3.4/4.7)	670	804	3.4	4.7	55		
JPD800/(2.8/4)	800	960	2.8	4	60		
JPD940/(2.3/3.3)	940	1128	2.3	3.3	65		
JPD1100/(2/2.8)	1100	1320	2	2.8	70	96	DN40 Flange (HG/T20592RF)
JPD1250/(1.8/2.5)	1250	1500	1.8	2.5	75		
JPD1430/(1.6/2.2)	1430	1716	1.6	2.2	80		
JPD1620/(1.4/2)	1620	1944	1.4	2	85		
JPD1820/(1.2/1.7)	1820	2184	1.2	1.7	90		
JPD2010/(1.1/1.5)	2010	2412	1.1	1.5	95	144	DN50 Flange (HG/T20592RF)
JPD2250/(0.9/1.3)	2250	2700	0.9	1.3	100		
JPD2480/(0.8/1.1)	2480	2976	0.8	1.1	105		
JPD2720/(0.8/1)	2720	3264	0.8	1	90		
JPD3050/(0.7/0.9)	3050	3660	0.7	0.9	95		
JPD3380/(0.6/0.8)	3380	4056	0.6	0.8	100	144	DN50 Flange (HG/T20592RF)
JPD3720/(0.5/0.7)	3720	4464	0.5	0.7	105		

Note: Double or multiple heads can be mounted on one pump base. (Pressure will reduce if power not increased)