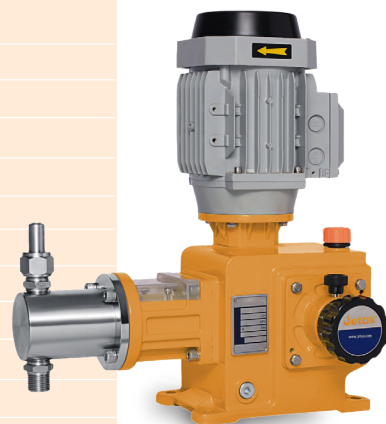


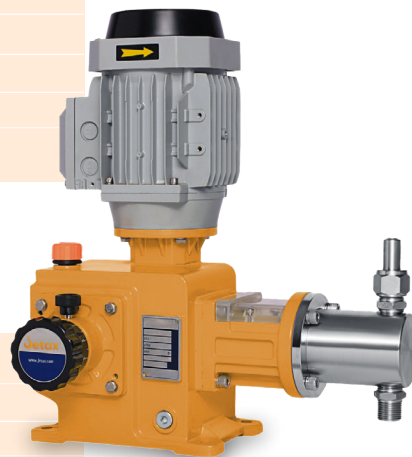
PARAMETER SELECTION

1	Pump Type	Plunger Type
2	Pump Model	JXP88/2.0
3	Capacity	88L/H
4	Discharger Max Pressure	Max. 20 Bar
5	Suction Height	2-3 meter
6	Plunger Diameter	32 mm
7	Stroking Speed	96 min
8	Temperature	Max. 120 (°C)
9	Viscosity(Cp)	0-2000
10	Accuracy	± 2.0%
11	Flow Control	Manual
12	Direction	Vertical
13	Connection Type/Size	DN10 (Union for welding)
14	Discharger Pressure	10bar



MATERIALS OF LIQUID END

15	Pump Head	SS316L
16	Housing	Cast Iron
17	Valve Housing/Seat/Body	SS316L
18	Valve Balls	SS316L
19	Valve Gasket	PTFE
20	Plunger	SS316 coated the ceramic
21	Packing Seal	PTFE



MOTOR

22	Motor Type	IEC Explosion-proof motor BT4
23	Motor Power	0.37KW
24	Voltage	3 Phase 400V 50Hz
25	Protection Grade	IP55
26	Motor Speed	1450 rpm

PACKAGING

27	Estimated G.W	40KG
28	Estimated Package Size	59*47*50cm(Carton Box)

SELECTION PARAMETERS

- Max Flow: Qmax=230L/H@50Hz;276L/H@60Hz
- Max Pressure: Pmax=40MPa
- Adjust ratio: 1:200
- Accuracy: $\pm 1\%$
- Control: Manual stroke
- Head and Check Valve Material : SS304;SS316L;Others on request
- Plunger Material : Ceramic (plunger 6mm-10mm)
SS coated with ceramic(plunger 12mm and above)
- Packing Seal Material : PTFE ring+ SS ring
- Ball Material :Ceramic(DN6)
SS316(DN10&DN15)
- Ball Quantity. : two balls(DN6&DN10)
single ball(DN15)
- 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 DC Motor Module(220V single phase)

PERFORMANCE PARAMETER

Model	Flow(L/h)		Pressure Mpa	Plunger mm	SPM	Motor	Connection
	50Hz	60Hz					
JXP1/40	1	1.2	40	6	96	0.37KW	DN6 Welding Union
JXP2/40	2	2.4	40	6			
JXP4/33	4	4.8	33	8			
JXP8/21	8	9.6	21	10			
JXP11/14	11	13.2	14	12			
JXP20/8	20	24	8	16	96	0.37KW	DN10 Welding Union
JXP33/5	33	39.6	5	20			
JXP52/3.3	52	62.4	3.3	25			
JXP65/2.6	65	78	2.6	28			
JXP88/2.0	88	105.6	2	32			
JXP105/1.7	105	126	1.7	35	96	0.37KW	DN15 Welding Union
JXP125/1.4	125	150	1.4	38			
JXP155/1.1	155	186	1.1	42			
JPXI 90/1.0	190	228	1	38	144	0.37KW	DN15 Welding Union
JPX230/0.8	230	276	0.8	42			

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

PLUNGER DOSING PUMP LIQUID END EXPLOSIVE VIEW

