



BP SERIES PLUNGER PISTON MOTOR-DRIVEN PUMPS

The metering pumps BP series are driven by an electric motor, the dosage takes place thanks to a piston. BP series pumps make robustness and reliability their main characteristics.

GENERAL FEATURES

- Max Flow Rate: 1027 l/h at 50Hz
- Max Pressure: 25 bar
- Standard power supply: 230-400V
3 phase 50Hz
- SEW Motor: 0.25, 0.37, 0.55 or 0.75 kW
- Frequency: 60, 103 and 120 strokes/min
at 50Hz
- Pump head: PVC, SS316L or PVDF
- Valves:
 - PVC pump head – double ball valves, except
for piston Ø95 with single ball
 - SS316L – Single ball, except for piston Ø16
and Ø30 with double balls
- Balls: ceramic or SS316L
- Ball seats: FPM, EPDM or NBR
- Valves seats: PVC or PVDF
- Piston in SS316 or Ceramic
- Piston seals NBR, FPM or EPDM
- Die-cast aluminium housing protected by
epoxy/anti- acid paint
- Protection degree: IP55
- Insulation class: F



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TECHNICAL FEATURES

Model	Flow Rate l/h	Pressure bar		Strokes/ min	Length mm	Piston (Ø) mm	Power kW	Valves
		SS	PVC					
	50 Hz	50 Hz	50 Hz	50 Hz				
BP0014	14	25	-	60	20	16	0,25	1/2" Gm
BP0024	24	25	-	103	20	16	0,25	1/2" Gm
BP0029	29	25	-	120	20	16	0,25	1/2" Gm
BP0052	52	20	10	60	20	30	0,25	1/2" Gm
BP0088	88	20	10	103	20	30	0,25	1/2" Gm
BP0103	103	18	10	120	20	30	0,25	1/2" Gm
BP0128	128	12	10	60	20	48	0,25	3/4" Gm
BP0220	220	9	9	103	20	48	0,25	3/4" Gm
BP0256	256	7.5	7.5	120	20	48	0,25	3/4" Gm
BP0251	251	6	6	60	20	67	0,25	1" Gm
BP0431	431	4.5	4.5	103	20	67	0,25	1" Gm
BP0503	503	3.5	3.5	120	20	67	0,25	1" Gm
BP0128*	128	18	10	60	20	48	0,37	3/4" Gm
BP0220*	220	16	10	103	20	48	0,37	3/4" Gm
BP0256*	256	13	10	120	20	48	0,37	3/4" Gm
BP0251*	251	9	9	60	20	67	0,37	1" Gm
BP0431*	431	7	7	103	20	67	0,37	1" Gm
BP0503*	503	6	6	120	20	67	0,37	1" Gm
BP0251*	251	11	10	60	20	67	0,55	1" Gm
BP0431*	431	9	9	103	20	67	0,55	1" Gm
BP0503*	503	8	8	120	20	67	0,55	1" Gm
BP0513	513	5.5	5.5	60	20	95	0,55	1 1/2" Gm
BP0838	838	4	4	103	20	95	0,55	1 1/2" Gm
BP1027	1027	3	3	120	20	95	0,55	1 1/2" Gm
BP0251*	251	19	10	60	20	67	0,75	1" Gm
BP0431*	431	16	10	103	20	67	0,75	1" Gm
BP0503*	503	14	10	120	20	67	0,75	1" Gm
BP0513*	513	12	10	60	20	95	0,75	1 1/2" Gm
BP0838*	838	8	8	103	20	95	0,75	1 1/2" Gm
BP1027*	1027	6.5	6.5	120	20	95	0,75	1 1/2" Gm

* Versions with higher rated motors

OVERALL DIMENSIONS

