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Specifications Sheet

Generated: 2026-11-11

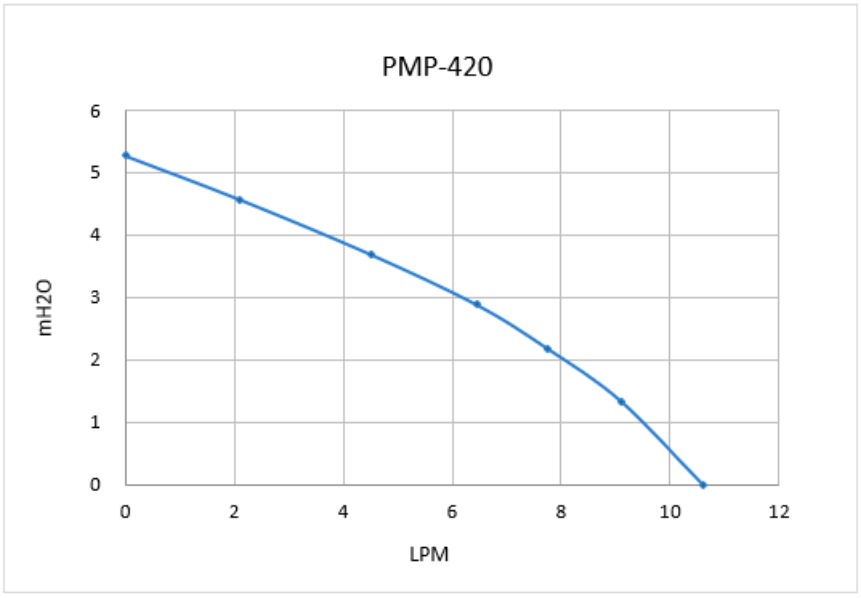
P/N: PMP-420

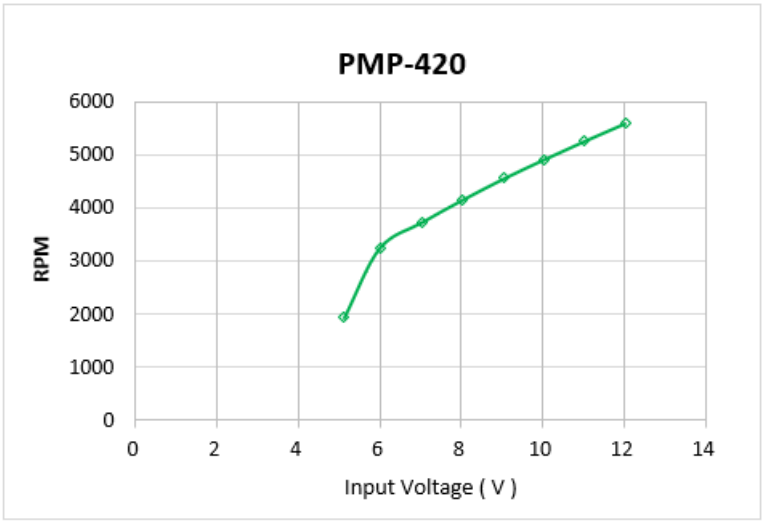
PMP-420 Pump, G 1/4 BSP

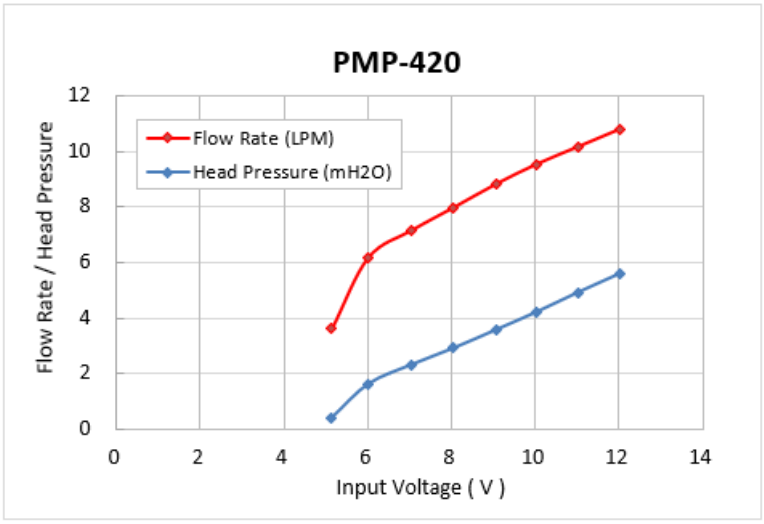


- Maximum Flow Rate: 11L/min (2.9 gal/min)
- Maximum Head Pressure: 5.8m (19ft)
- Motor: Brushless DC
- Power Consumption (at max): 17W
- Voltage Range: 6 to 12 VDC
- Maximum Temperature: 60°C (140°F)
- Electrical Connector: 3-pin fan header with tachometer speed signal
- Hose Connections: G 1/4 BSPP Threads
- Noise: Less than 50dBA
- Weight: 284g (0.6lbs)
- Mounting Bracket Included

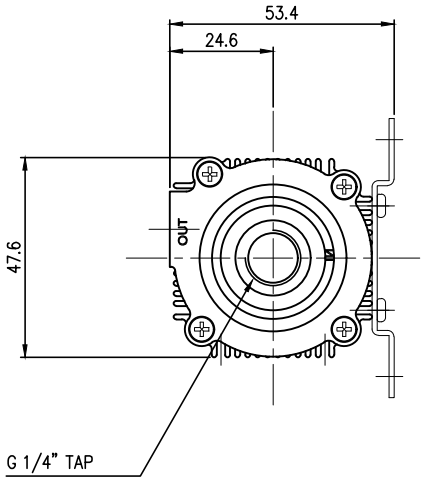
General	
Weight	0.60 lb (0.27 kg)
Fitting Thread	G 1/4 BSPP
Max Pressure Tolerance @ 25°C	1.5kgf/cm2 (21.3psi)
Max Temperature Tolerance	60°C (140°F)
Wetted Materials	PPE, Carbon, Ceramic, EPDM, ABS, POM, Ferrite
Pumps	
Max Flow Rate	11L/min (2.9GPM)
Max Power	17W
Max Static Head	5.8m (19ft)
Speed Knob	no
Tachometer	yes
Type	Magnetic Centrifugal
Voltage	6-12 VDC


PMP-420
mH2O
LPM
0
1
2
3
4
5
6
0
2
4
6
8
10
12


PMP-420
RPM
Input Voltage (V)
0
1000
2000
3000
4000
5000
6000
0
2
4
6
8
10
12
14

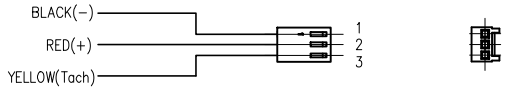

PMP-420
Flow Rate / Head Pressure
Input Voltage (V)
Flow Rate (LPM)
Head Pressure (mH2O)
0
2
4
6
8
10
12
0
2
4
6
8
10
12
14

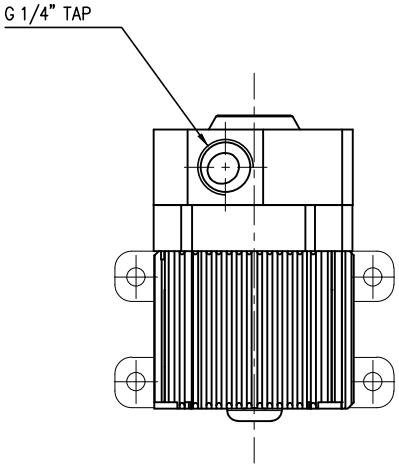
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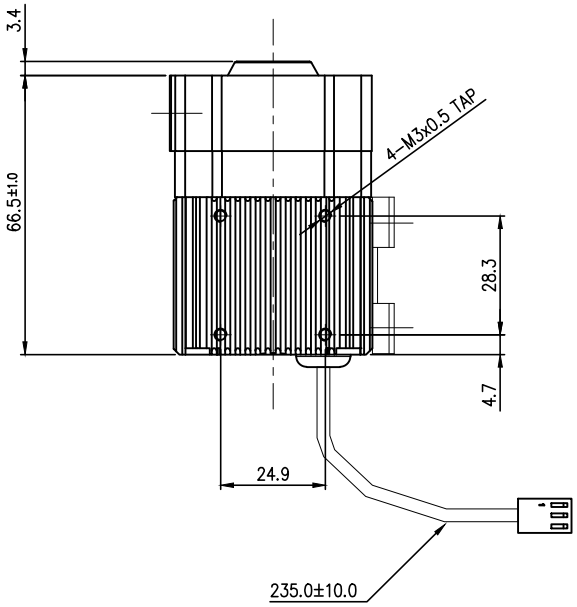


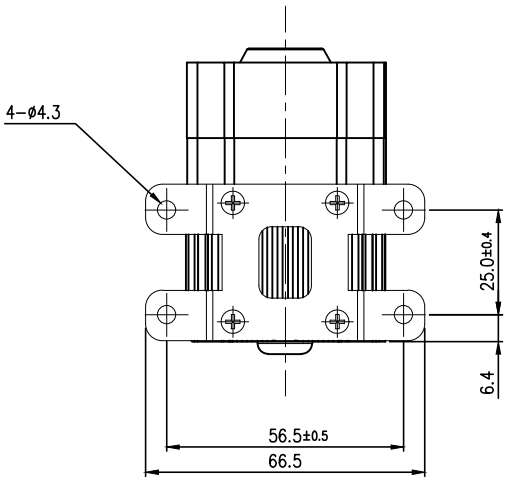
< 3pin CONNECTOR >
- Housing : Molex 5051-03 (or Equivalent)
- Terminal : Molex 5159 (or Equivalent)

- 12VDC, 1.4A









NO.	DESCRIPTION				MATER'L		QUANTITY	REMARKS
KOOLANCE					UNIT	MM	PART NO. PMP-420	
	BY	BY	BY	APPRD BY	SCALE	N/S	TITLE REV2.0 Ass'y	
DATE					3RD ANGLE			
	S.J.LEE				DWG. NO.		ITEM	