www.koolance.com

Specifications Sheet

Generated: 2026-11-18

P/N: PMP-300

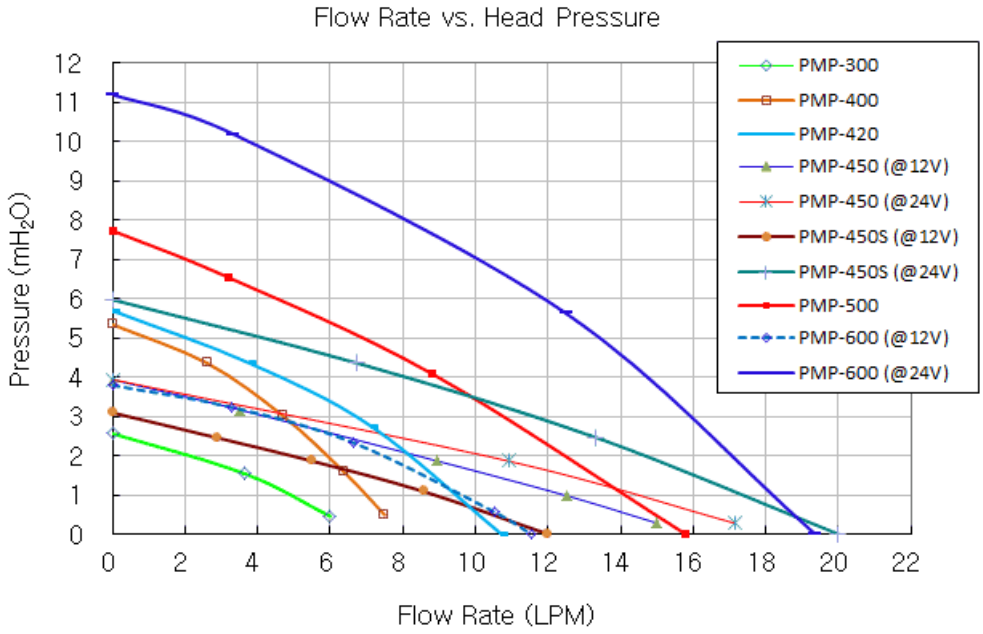
PMP-300 Pump, G 1/4 BSP



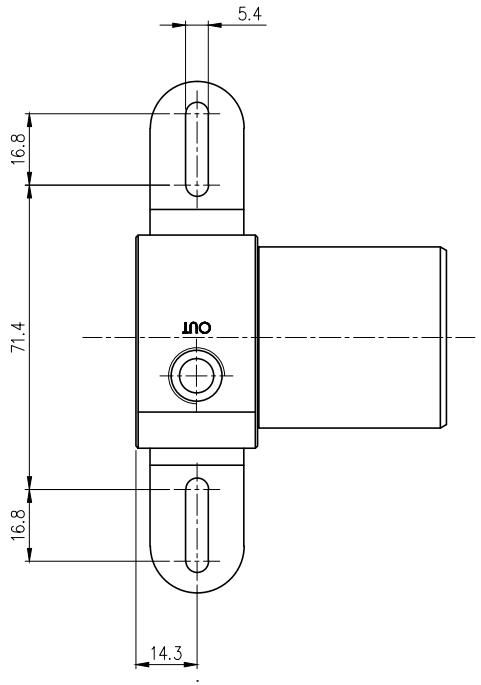
The PMP-300 is a compact pump with low power consumption. It features G 1/4 BSPP inlet and outlet threads and comes with a detachable steel mounting bracket, screws, and vibration dampening washers.

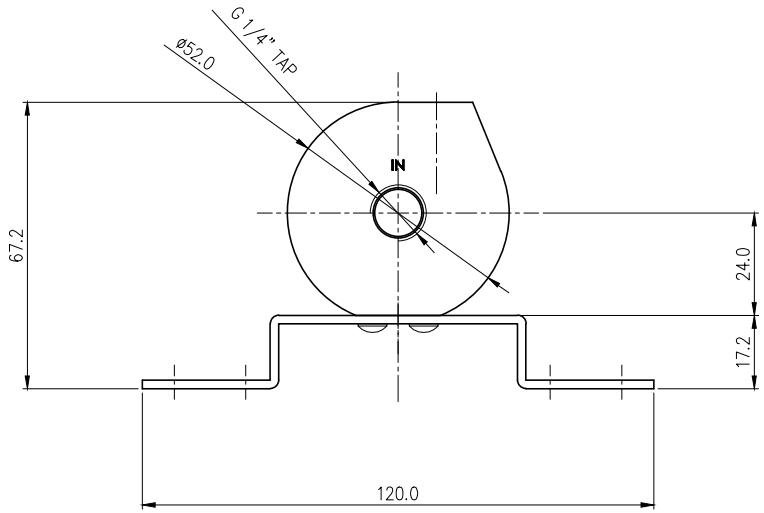
- Maximum Flow Rate: 7L/min (1.85 gal/min)
- Maximum Head Pressure: 2.6m (8.53ft)
- Motor: Brushless DC
- Power Consumption (at max): 9.6W
- Voltage Range: 6 to 12 VDC
- Maximum Temperature: 60°C (140°F)
- Electrical Connector: 3-pin fan header with tachometer speed signal
- Hose Connections: G 1/4 BSPP Threads
- Noise: Less than 40dBA
- Weight: 283g (10oz)
- MTBF 30k hours

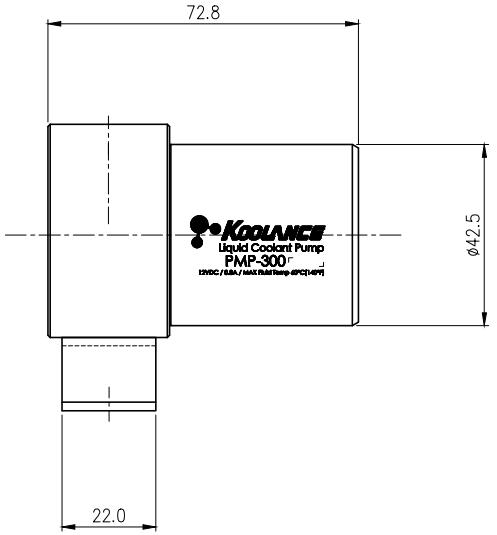
General	
Weight	0.80 lb (0.36 kg)
Fitting Thread	G 1/4 BSPP
Max Pressure Tolerance @ 25°C	1.5kgf/cm2 (21.3psi)
Max Temperature Tolerance	60°C (140°F)
Pumps	
Max Flow Rate	7L/min (1.85GPM)
Max Power	9.6W
Max Static Head	2.6m (8.53ft)
Native Hose Connection	G 1/4 BSP Threads
Speed Knob	no
Tachometer	yes
Type	Magnetic Centrifugal
Voltage	6-12 VDC


Flow Rate vs. Head Pressure
Pressure (mH2O)
Flow Rate (LPM)
0
1
2
3
4
5
6
7
8
9
10
11
12
0
2
4
6
8
10
12
14
16
18
20
22
PMP-300
PMP-400
PMP-420
PMP-450 (@12V)
PMP-450 (@24V)
PMP-450S (@12V)
PMP-450S (@24V)
PMP-500
PMP-600 (@12V)
PMP-600 (@24V)

File







NO.	DESCRIPTION				MATER'L	QUANTITY	REMARKS
KOOLANCE					UNIT MM	PART NO. PMP-300	
	BY	BY	BY	APPRO BY	SCALE N/S	TITLE Ass'y	
DATE					3RD ANGLE		
05/09/2017	S.J.LEE				DWG. NO.	ITEM	