www.koolance.com

Specifications Sheet

Generated: 2026-11-16

P/N: PMP-700

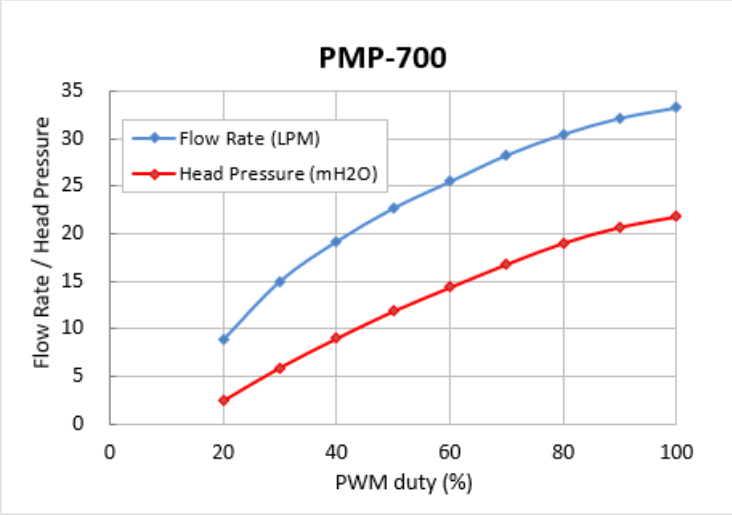
PMP-700 Pump, G 3/8 BSP

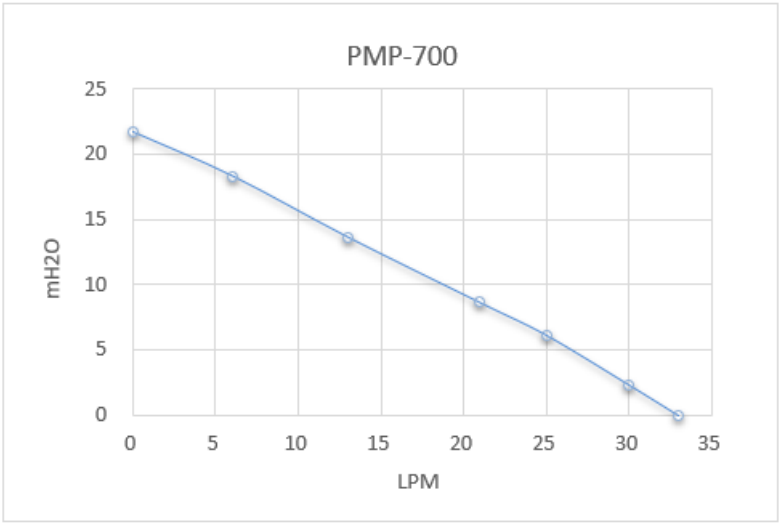


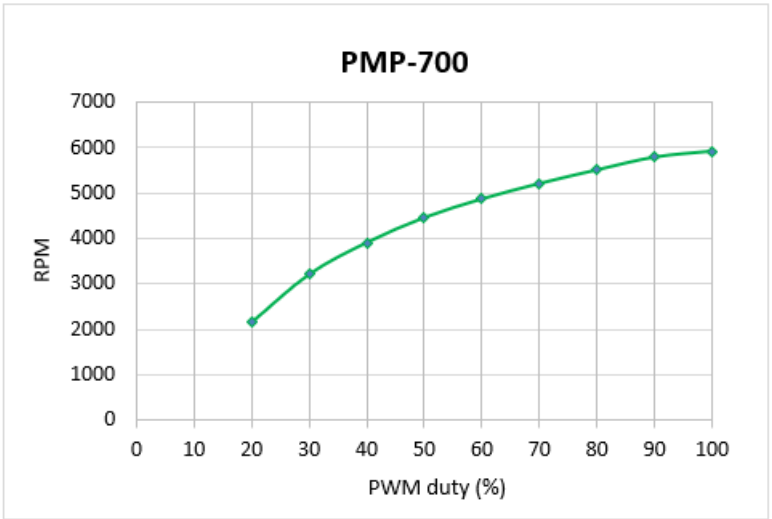
CAUTION: Due to its high output, this pump (under no-flow conditions) might exceed the maximum pressure specifications of certain Koolance products, such as copper radiators and acrylic reservoirs. To avoid permanent damage or leaks, please confirm the specifications for each component before selecting this pump.

- Maximum Flow Rate: 33L/min (8.7 gal/min)
- Maximum Head Pressure: 21m (69ft)
- Motor: Brushless DC
- Power Consumption (at max): 86W
- Voltage Range: 12 to 24 VDC
- Native PWM support: 500Hz~10kHz
- Maximum Temperature: 70°C (158°F)
- Electrical Connector: 4-pin Molex
- Hose Connections: G 3/8 BSPP Threads
- Weight: 1089g (2.4lbs)

General	
Weight	2.40 lb (1.09 kg)
Fitting Thread	G 3/8 BSPP
Max Pressure Tolerance @ 25°C	3kgf/cm2 (42.7psi)
Max Temperature Tolerance	70°C (158°F)
Wetted Materials	PPE, Carbon, Ceramic, EPDM, ABS, POM, Ferrite
Pumps	
Expected Lifetime	30,000 hrs. MTBF
Max Flow Rate	33L/min (8.7 gal/min)
Max Power	86W
Max Static Head	21m (69ft)
Speed Knob	no
Tachometer	yes
Type	Magnetic Centrifugal
Voltage	8-24 VDC


PMP-700
Flow Rate (LPM)
Head Pressure (mH2O)
Flow Rate / Head Pressure
PWM duty (%)
0
5
10
15
20
25
30
35
0
20
40
60
80
100


PMP-700
mH2O
LPM
0
5
10
15
20
25
30
35

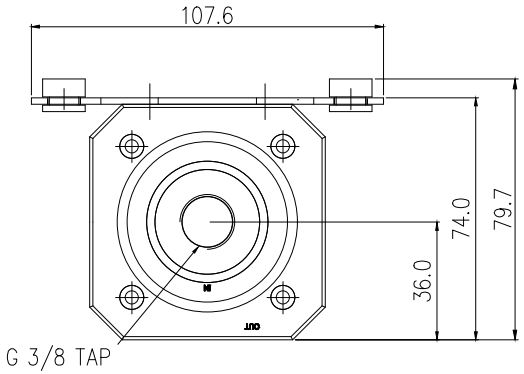

PMP-700
RPM
PWM duty (%)
0
1000
2000
3000
4000
5000
6000
7000
0
10
20
30
40
50
60
70
80
90
100

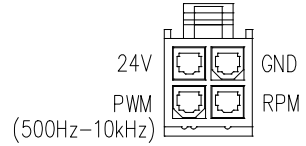
File

24V DC, 3.6A

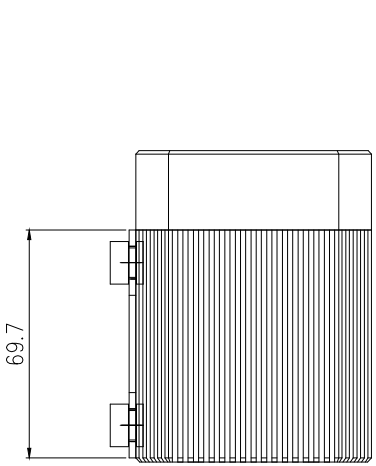
< 4 Pin Connector >

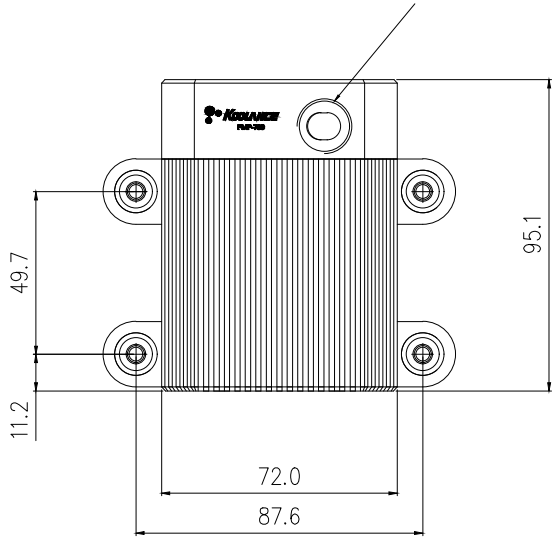
- Housing : Molex 5557-04(or Equivalent)
- PinTerminal : Molex 5556 (or Equivalent)

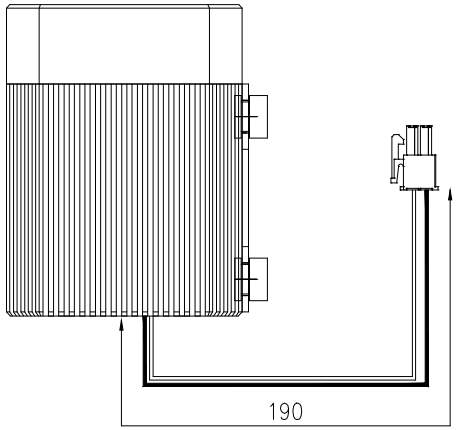




< FRONT VIEW >







NO.	DISCRIPTION				MATER'L		QUANTITY	REMARKS
KOOLANCE					UNIT	MM	ITEM PMP-700	
	BY	BY	BY	APPRO BY	SCALE	N/S	TITLE Ass'y	
DATE					3RD ANGLE			
	SK.AN				CODE NO.		DWG. NO.	PAGE