

BOXER

10KDL Series Diaphragm Pump

Liquid Flow Rate to 1 l/m

DESCRIPTION

The 10KDL series double headed liquid diaphragm pumps are compact and versatile. High performance engineering plastics and elastomers allow use in high temperature applications. Two pump heads 180° out-of-phase minimize pulsation compared to a single headed pump.

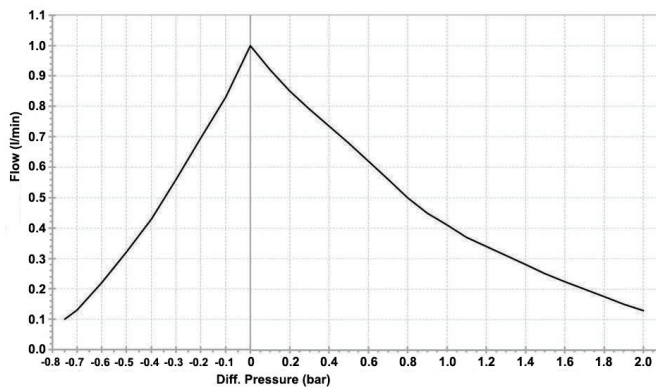
This series is offered with brushed and BLDC motors. An encoder option available for rpm feedback.

SPECIFICATIONS

GENERAL

- Free Flow: 1 l/m
- Max Pressure: 2 bar (29 PSI)
- Max Vacuum: -750 mbar (22.1 in. Hg)
- Motor:
 - Brushed Motor- 12 & 24 VDC
 - Brushless Motor- 24 VDC
- Max. Operating Temp.: 50°C
- Max Media Temp.: 100°C
- Housing Material: PPS (Polyphenylene Sulfide)
- Diaphragm Material: Nitrile
- Valve Material: Silicone
- Tubing Barb Size: 5 mm OD
- Mounting Bracket: Included

FLOW CURVE

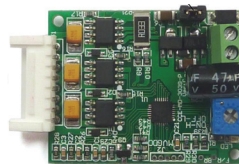
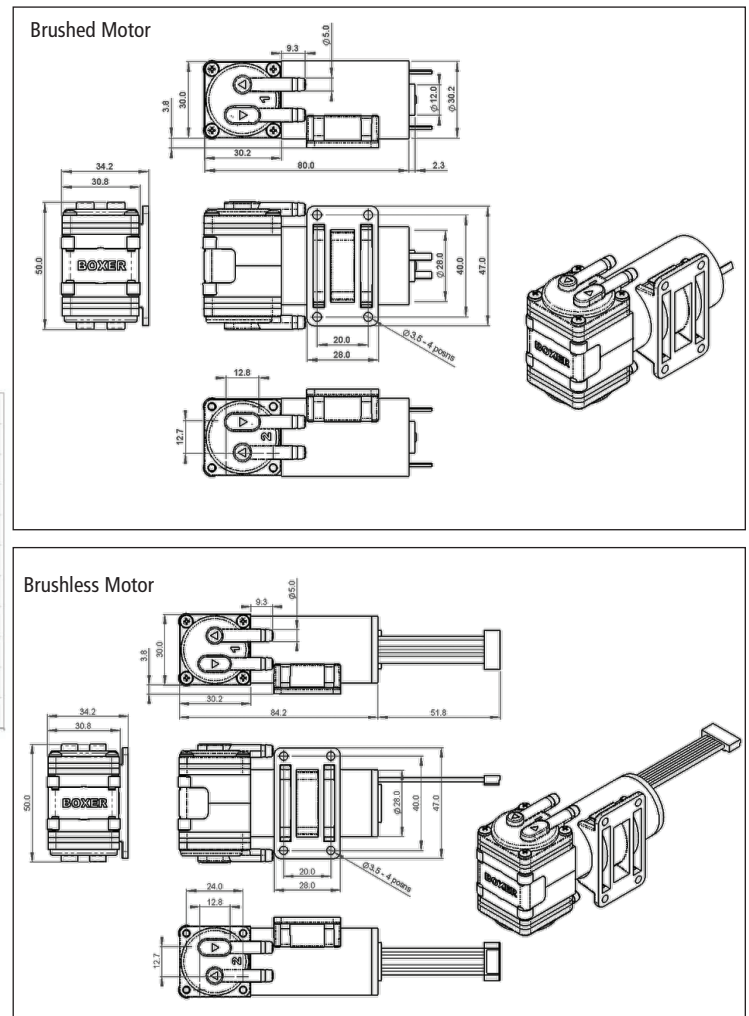


ORDERING INFORMATION

Model	Motor Type	Nominal Pump Voltage (VDC)	Nominal Motor Voltage (VDC)
10202.001	Brushed Motor	12	12
10202.002	Brushed Motor	24	24
10202.601	Brushless Motor	24	24
6900.005	Driver Board for Brushless motors		



DIMENSIONS (MM)



Model 6900.005 Driver Board for Brushless Motors
The board is equipped with a trimmer which allows the regulation of the pump's speed i.e. flow.