

BOXER

10KD Series Diaphragm Pump

Gas Flow Rate to 6 l/m

DESCRIPTION

The 10KD series double headed gas diaphragm pumps are compact and versatile. High performance engineering plastics and elastomers allow use in high temperature applications. Two heads allow flexibility of parallel or series connection to extend the pressure/vacuum capability or to pump two totally separate gasses.

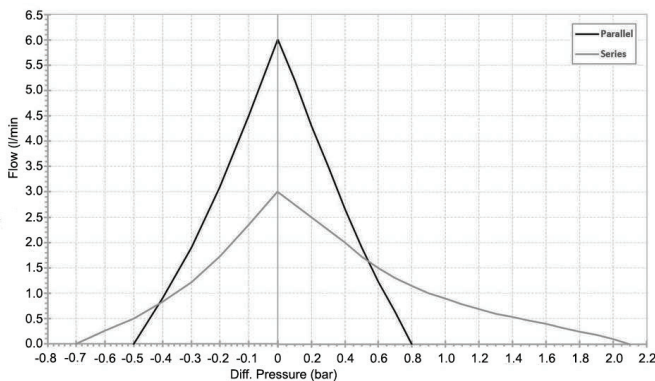
This series is offered with brushed or BLDC motors.

SPECIFICATIONS

GENERAL

- Free Flow: Parallel, 6 l/m; Series, 3 l/m
- Max Pressure: Parallel, 0.8 bar (7.25 PSI), Series, 2.1 bar (10.2 PSI)
- Max Vacuum: Parallel, -500 mbar (8.86 in. Hg); Series, -700 mbar (16.2 in Hg)
- Motor:
 - Brushed Motor- 12 & 24 VDC
 - Brushless Motor- 24 VDC
- Max. Operating Temperature: 50°C
- Max Media Temperature: 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)
10102.001	Brushed Motor	12	12
10102.002	Brushed Motor	24	24
10102.601	Brushless Motor	24	24
6900.005	Driver Board for Brushless motors		



DIMENSIONS (MM)

