

BOXER**12K Series Diaphragm Pump**

Gas Flow Rate to 1.2 l/m

DESCRIPTION

This tiny powerful pump introduces the novelty of a field changeable pump head design to the market.

By undoing two screws the user or service engineer can swap the head of the pump. This is ideal in applications that require quick replacement of all wetted parts following contamination.

The 12K is available with either the economically priced iron core motor or with long life coreless DC motors.

Like all other pumps in the Boxer range, this series can be customized to specific requirements. Components are produced in a wide variety of materials.

**SPECIFICATIONS****GENERAL**

Free Flow: 1.2 l/m

Max Pressure: 600 mbar (8.7 PSI)

Max Vacuum: -400 mm mercury (15.7 inches mercury)

Motor:

Iron Core- 4.5 & 6.5 VDC

Coreless- 4.0, 7.0, 9.0, 13.5, & 18 VDC

Life Expectancy Iron Core Motor- 4500 hours, subject to operating environment

Life Expectancy Coreless Motor- 12000 hours, subject to operating environment

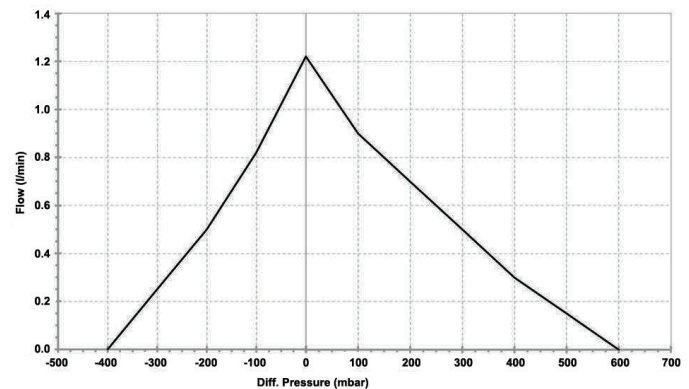
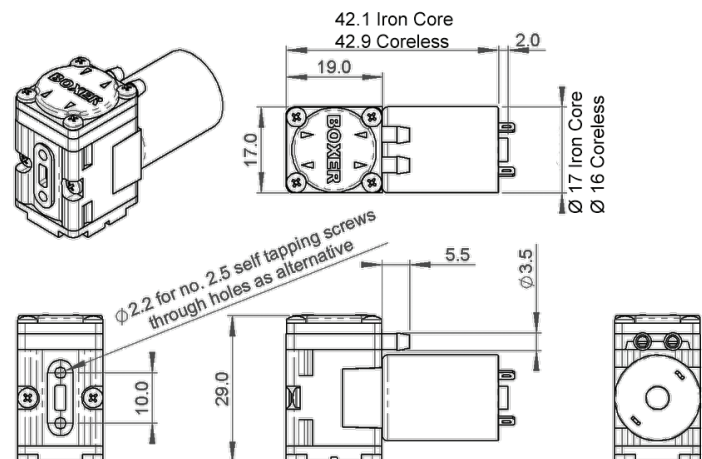
Housing Material: PPS (Polyphenylene Sulfide)

Diaphragm Material: EPDM

Valve Material: Silicone

Tubing Connection: 3.5 mm ID tubing

Weight: 35g

FLOW PERFORMANCE (AT NOMINAL PUMP VOLTAGE)**DIMENSIONS (MM)****ORDERING INFORMATION**

Model	Motor Type	Nominal Pump Voltage (VDC)	Nominal Motor Voltage (VDC)
1211.204	Iron Core	4.5	4.5
1211.200	Iron Core	6.5	6.5
1211.112	Coreless	4	6
1211.113	Coreless	7	9
1211.114	Coreless	9	12
1211.110	Coreless	13.5	18
1211.111	Coreless	18	24
1211.111	Silicone Boot for Coreless Motors		