

BOXER**Series 8K Vibrating Armature Gas Pump**

AC Power, Gases to 2.75 LPM, Vacuum to 140 mb, Pressure to 125 mb

DESCRIPTION

The 8K range of Boxer Pumps has been specifically developed for applications which require high and constant performance over long periods of time.

The Boxer 8K pumps are commonly used in medical equipment, gas analyzers and other instrumentation where reliability under continuous operation is of paramount importance.

The unique compact vertical construction of the pump allows installation in tight spaces.

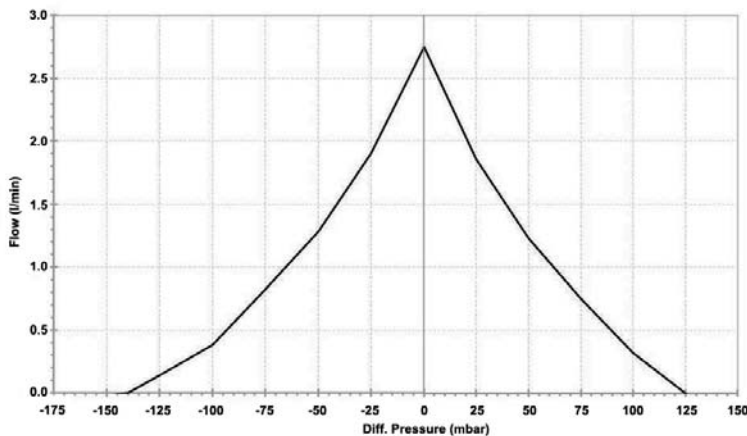
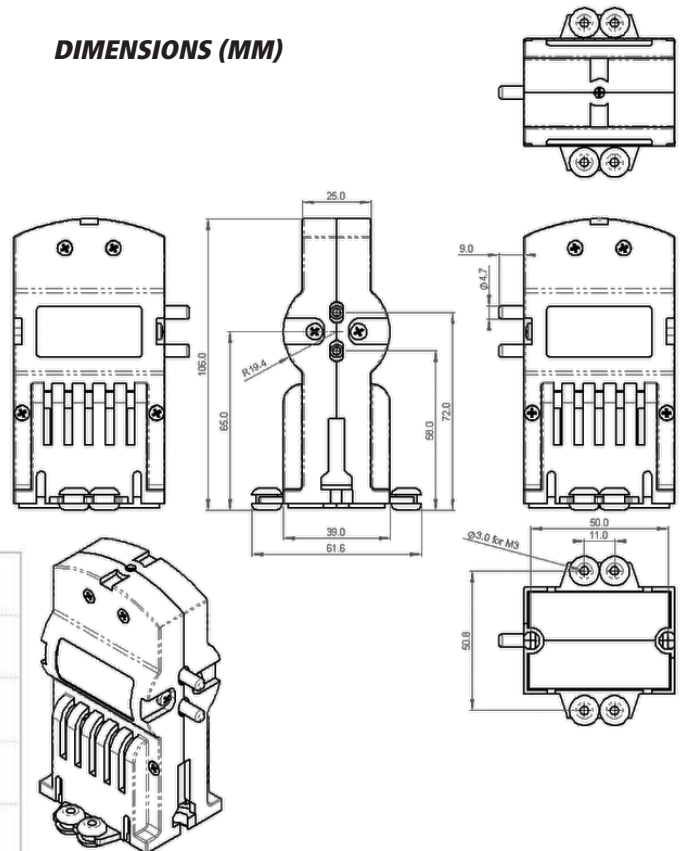
For OEM projects, special features such as diodes or thermal cut-off devices can be integrated into the coil windings and the pump could be supplied in virtually any voltage specification - subject to quantities.

**SPECIAL FEATURES**

*Oil and Maintenance Free Operation
Quiet, Compact and Reliable
Excellent Current/Flow Ratio
Flow Adjustment Screw for Optimum Operation*

SPECIFICATIONS

Max Free Flow: 2.75 LPM
Max Vacuum: -140 mb (4.13" Hg)
Max Pressure: 125 mb (3.69" Hg)
Weight: 245g
Housing Material: PPO(Polyphenylene oxide)
Diaphragm: Neoprene
Valves: Silicone
Connection Tubing ID: 3/16"
Typical Life Expectancy: In excess of two years
continuous use subject to operating environment
Weight: 245g

FLOW CURVE**DIMENSIONS (MM)****ORDERING INFORMATION**

Model	Description
8024.024	24VAC, 50/60Hz
8110.110	110VAC, 50/60Hz
8230.230	230VAC, 50/60Hz