

BOXER

7KQ Series Diaphragm Pump

Gas Flow Rate to 62 l/m

DESCRIPTION

The 7KQ series Quad pump head diaphragm pumps are particularly well suited for gas/dust monitoring as well as industrial vacuum applications. The pump is fitted with internal damping chambers and the Quad head arrangement further balances flow.

The use of high performance plastics facilitates use in high temperature applications such as combustion gas analysis. The overall construction is extremely robust.

Vibration mounts are fitted as standard.

SPECIFICATIONS

GENERAL

Free Flow: 62 l/m

Pump Head Configurations:

Parallel: Connected in parallel (2 inlets/2 outlets)
Also in parallel (1 inlet/1 outlet)

Series: Connected in series (1 inlet/1 outlet)

Max Pressure: 600 mbar (8.7 PSI)

Max Vacuum: -400 mbar (11.8 in. Hg); -850 mbar in series

Max. Ambient Temp: 50°C

Max Media Temp.: 100°C

Brushed Motor: 12 & 24 VDC

Housing Material: PPS (Polyphenylene Sulphide)

Diaphragm Material: Nitrile

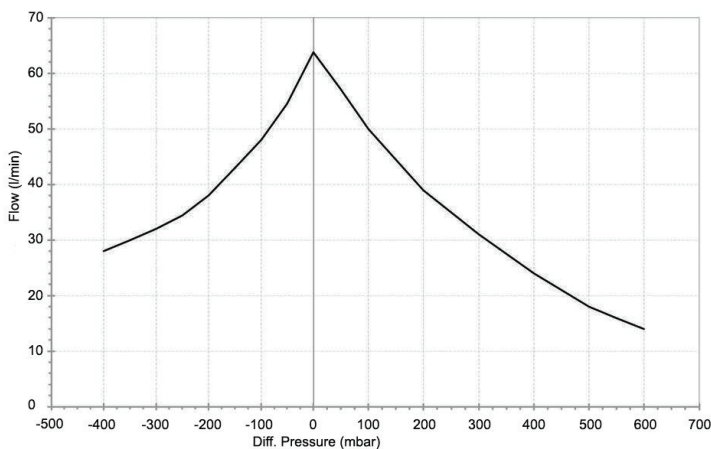
Valve Material: Nitrile

Tubing Connection: Barb for 6mm to 8 mm ID tube

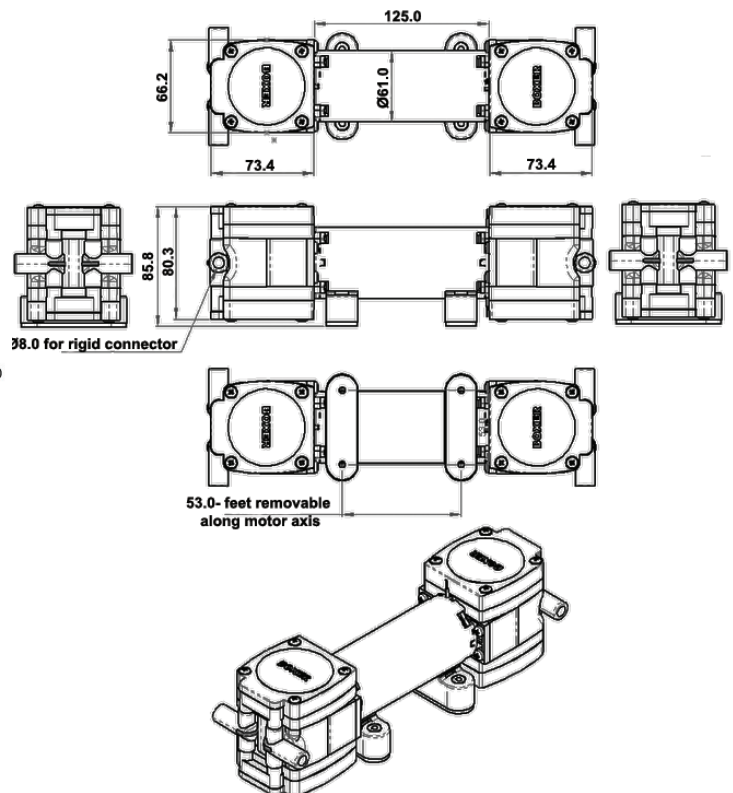
Weight: 1870g



FLOW PERFORMANCE (PARALLEL CONFIG./NOM. VOLTAGE)



DIMENSIONS (MM)



ORDERING INFORMATION

Model	Motor Type	Nominal Pump Voltage (VDC)	Nominal Motor Voltage (VDC)	Pump Head Configuration
7004.012	Brushed	12	9	Parallel (2 inlets/2 outlets)
7004.013	Brushed	12	9	Parallel (1 inlet/1 outlet)
7004.014	Brushed	12	9	Series
7004.024	Brushed	24	21	Parallel (2 inlets/2 outlets)
7004.026	Brushed	24	21	Parallel (1 inlet/1 outlet)