



ecoreTM
economical & reliable

E160 SERIES

PRESSURE/VACUUM

MODELS

Standard models
[E160N42XBMLSXX](#)



FEATURES (BENEFITS)

- Monolithic head (Fewer parts, elimination of leak paths)
- Oil-less, non-lube piston and cylinder (clean air stream, less maintenance)
- Permanently lubricated bearings (optimum life)
- Stainless steel valves (optimum life, consistent performance, corrosion resistance)
- Die cast aluminum components (Lightweight)
- Thin wall, hard-coated aluminum cylinder (maximum heat transfer)
- Twin fans provide cooling air through and around motor and cylinders (maximum cooling effects)
- Thermally protected motor (Fail-safe protection)
- Dual intake/exhaust manifold system (easy piping)
- Field service capability (quick response and easily accessible)
- CE approved (international quality standard)

Kit options: Guards/Capacitor cover/Cords

Consult factory for custom applications



THOMAS
A Gardner Denver Product



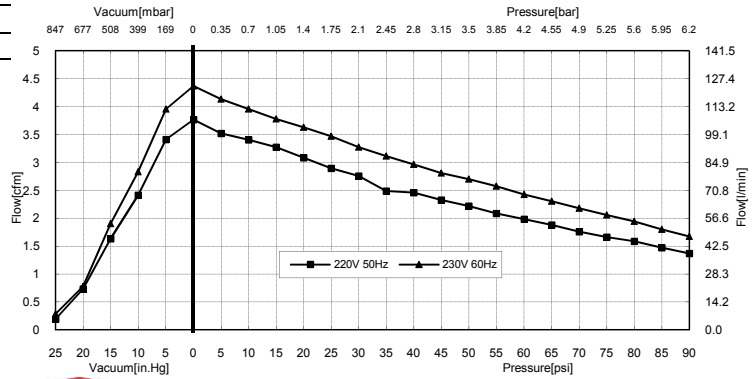
WOB-L[®] E160 Series Base Models



Max. Flow 123.7 l/min (4.4 cfm)
Max. pressure 6.2 bar (90 psi)
Max. vacuum 91% local barometer



Note: Supplied capacitor mounted remotely



See Performance Data for base model maximum operating pressures
 Consult factory for custom configured stroke options

Model Number

E160N42

Performance Data

Head configuration	Pressure/vacuum parallel flow
Stroke	10.6 mm (0.42 in)
Nominal voltage/frequency	220V/230V 50/60Hz
Maximum open air flow	107.5/123.7l/min (3.8/4.4 cfm)
Maximum operating pressure	6.2 bar (90 psi)
Current at rated pressure	2.5/2.6A
Power at rated pressure	550/600W
Speed at rated pressure	1400/1680 rpm
Maximum pressure restart	Consult factory
Maximum vacuum	91% local barometer
Maximum vacuum restart	Consult factory

Electrical Data

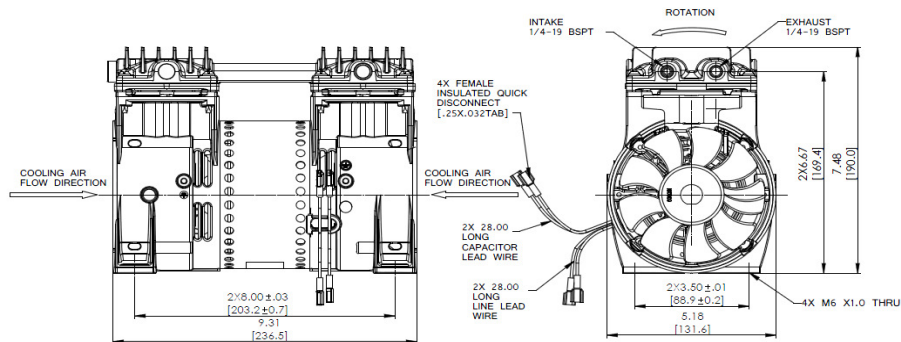
Motor type [Capacitance]	P.S.C. [12.5 µF]
Motor insulation class	B
Thermal switch [Open temperature]	Yes [120°C (248°F)]
Line lead wire color, gauge	Brown, Blue, 18AWG
Capacitor lead wire color, gauge	Red, Red, 18 AWG

General Data

Operating ambient air temperature	10° to 40°C (50° to 104°F)
Safety certification	CE appliance
Net weight	7.5 kg (16.5 lbs)

Product Dimensions

Dual Dimensions: in/[mm]



E160

E160 SERIES

©2012 Gardner Denver Thomas, Inc.
 All rights reserved.
 Form No. 1 12/05

The information presented in this material is based on technical data and test results of nominal units. It is believed to be accurate and reliable and is offered as an aid to help in the selection of Thomas Division products. It is the responsibility of the user to determine the suitability of the product for his intended use and the user assumes all risk and liability whatsoever in connection therewith. Thomas does not warrant, guarantee or assume any obligation or liability in connection with this information.

NOTE: Models pictured are representative of the series and do not represent a specific model number. Consult factory for detailed physical description.

Thomas Division

Gardner Denver Thomas Pneumatic Systems (Wuxi) Co., Ltd.
 No.1 Dong An Road, Shuo Fang Town, Wuxi New District, Jiangsu, P.R. China
 Tel: (86) 510 6878 2251
 Fax: (86) 510 6878 2200
 www.gd-thomas.com