



**ecore**<sup>TM</sup>  
economical & reliable

**E160 SERIES**  
**PRESSURE/VACUUM**

## MODELS

Standard models  
E160N54XBMLXXX



## 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



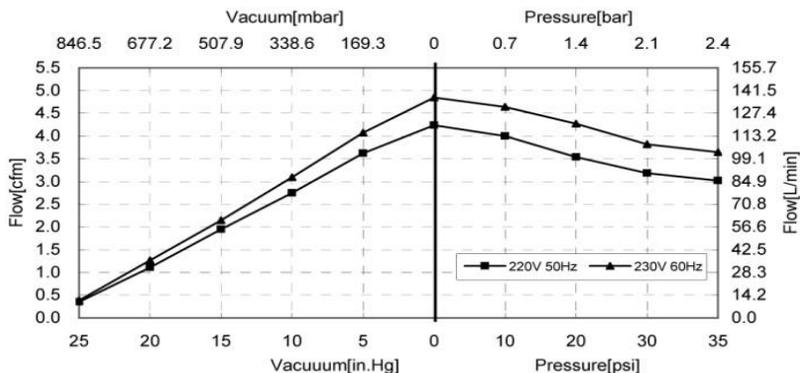
**THOMAS**  
A Gardner Denver Product



Max. Flow	137.4 l/min (4.9 cfm)
Max. pressure	2.4 bar (35 psi)
Max. vacuum	90% local barometer



Note: Supplied capacitor mounted remotely



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

## Model Number

E160N54

## Performance Data

Head configuration	Pressure/vacuum parallel flow
Stroke	13.7 mm (0.54 in)
Nominal voltage/frequency	220V/230V 50/60Hz
Maximum open air flow	120/137.4 l/min (4.2/4.9 cfm)
Maximum operating pressure	2.4 / 2.1bar (35 / 30 psi)
Current at rated pressure	2.5/2.8A
Power at rated pressure	550/640W
Speed at rated pressure	1400/1680 rpm
Maximum pressure restart	Consult factory
Maximum vacuum	90% local barometer
Maximum vacuum restart	Consult factory

## Electrical Data

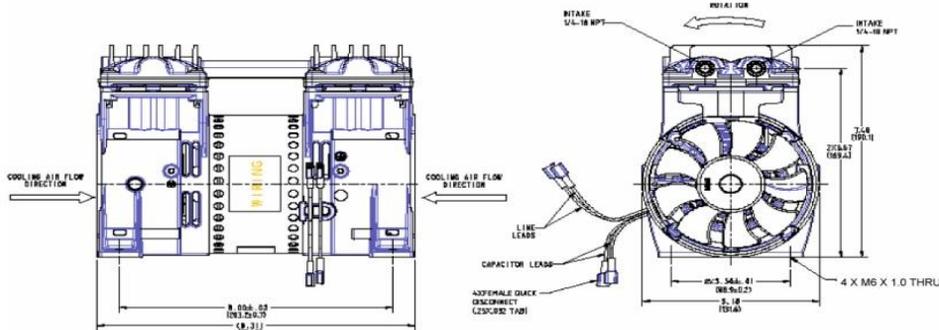
Motor type [Capacitance]	P.S.C. [12.5 µF]
Motor insulation class	B
Thermal switch [Open temperature]	Yes [145°C (293°F)]
Line lead wire color, gauge	Brown, Blue, 18AWG
Capacitor lead wire color, gauge	Red, Red, 18 AWG

## 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]



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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 its intended use and the user assumes all risk and liability whatsoever in connection therewith. Thomas Division 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.

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