



ecoreTM
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



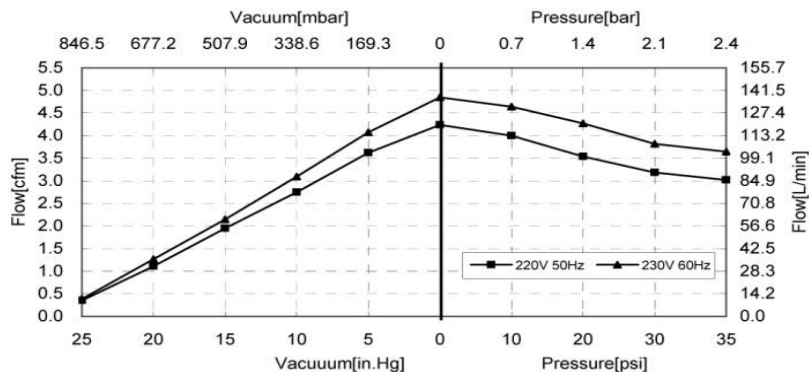
THOMAS
A Gardner Denver Product



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

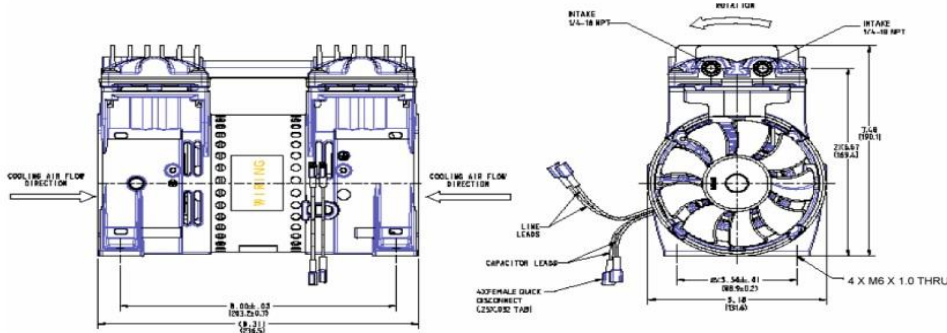
Motor type [Capacitance]	P.S.C. [12.5 µF]
Motor insulation class	B
Thermal switch [Open temperature]	Yes [145°C (293°F)]
Line lead wire color, gauge	Brown, Blue, 18AWG
Capacitor lead wire color, gauge	Red, Red, 18 AWG

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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