

2107 SERIES

PRESSURE/VACUUM (AC VOLTAGE)

BASE MODELS

AC Voltage 2107A18XSTLNXX(115/60/1)

2107DU18XSTLNXX (220-230/50/1)

CUSTOM CONFIGURED OPTIONS

AC Voltage

- Stroke (Flow and/or pressure)
- · Electrical Cord
- · Fan Guard
- · Protective Coating



FEATURES (BENEFITS)

- Oil-less operation (Clean air stream, less maintenance)
- Permanently lubricated bearings (Optimum life)
- Stainless steel valves (Optimum life, consistent performance, corrosion resistance)
- Die-cast aluminum components (Strong, lightweight, durable)
- Dynamically balanced (Low operating vibration)
- Durable diaphragm design (Optimum life)
- Field service capability (Maximum return on investment)
- Thermally protected motor (Fail-safe operation)
- Designed and tested per Agency standards (Fail-safe operation)
- Inlet filter/exhaust muffler (Quiet, clean operation)
- RoHS compliant (Green, eco-friendly)

Declaration documentation for applicable models available upon request

AFTERMARKET SERVICE KITS

SK107MAJN (Nordel) (Services one compressor end) Qualified OEM designers should consult factory for purchase or custom configurations

Thomas Division is an ISO 9001 registered company





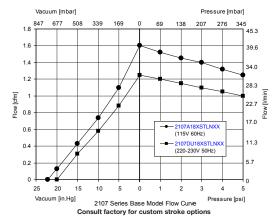
 Flow
 1.5 cfm (42.5 l/min)

 Max. pressure
 5 psi (0.34 bar)

 Max. vacuum
 75% local barometer







Consult factory for custom stroke options

Note: All performance data representative of parallel pressure or vacuum flow,
i.e. exhaust or intake ports configured together by customer supplied T-tube.
Consult factory for performance for independent pressure/vacuum applications.

Model Number 2107A18XSTLNXX 2107DU18XSTLNXX

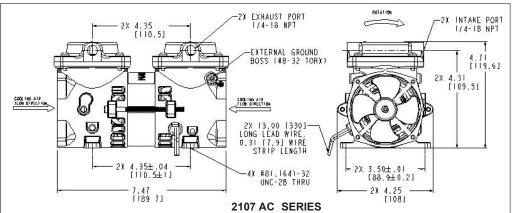
Performance Data		
Head configuration	Pressure/vacuum	Pressure/vacuum
Stroke	0.18 in (4.57 mm)	0.18 in (4.57 mm)
Nominal voltage/frequency	115/60/1	220-230/50/1
Maximum open air flow	1.5 cfm (42.5 l/min)	1.2 cfm (34.0 l/min)
Maximum operating pressure	5 psi (0.34 bar)	5 psi (0.34 bar)
Current at rated pressure	1.7A	0.8A
Power at rated pressure	122W	111W
Speed at rated pressure	1591 rpm	1336 rpm
Maximum pressure restart	Consult factory	Consult factory
Maximum vacuum	75% local barometer	70% local barometer
Maximum vacuum restart	Consult factory	Consult factory

Electrical Data			
Motor type	Shaded pole	Shaded Pole	
Motor in-rush current	2.6A	1.3A	
Motor insulation class	В	В	
Thermal switch [Open temperature]	Yes [275°F (135°C)]	Yes [284°F (140°C)]	
Line lead wire color, gauge	White/white, 18 AWG	Red/white, 18 AWG	

General Data			
Operating ambient air temperature	50° to 104°F (10° to 40°C)	50° to 104°F (10° to 40°C)	
Safety certification	UL	Consult factory	
Net weight	6.0 lbs (2.7 kg)	6.0 lbs (2.7 kg)	

Product Dimensions

Dual Dimensions: in[mm]



2107 SERIES

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