

P07H015A-BLDC-C

Silent Series[™] Scroll Compressor

100% Oil-Free

Maintain the purity of your system

Ultra-Quiet, Smooth Operation

Dynamically balanced, valve-less, and near pulsation-free

Cost-Competitive

Affordable configurations for OEMs

Compact, Lightweight Design

Fewer moving parts than competing technology

Efficient Performance

Continuous compression process with no re-expansion or throttling losses

Variable Speed

Ideal performance over a range of duty cycles – 100% continuous to intermittent



AVAILABLE ACCESSORIES

Brushless DC Controller Mounting Bracket

OEM CONFIGURATIONS

Custom Mounting Bracket
Custom Electrical Connector
Custom Motor and Fan Voltage
Custom Port Fittings

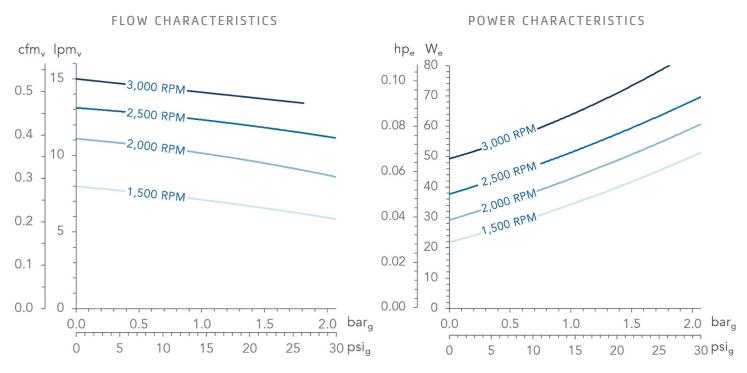
Qualified OEMs should consult Air Squared for custom configurations and application-specific requirements.

Contact info@airsquared.com.

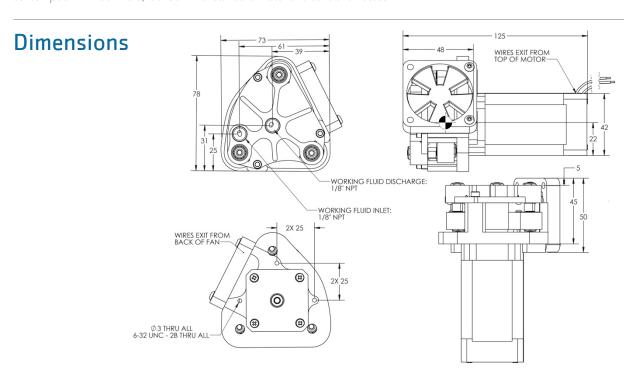
| | SI | IMPERIAL |
|---------------------|-----------------------------|-----------------------------|
| MAX. PRESSURE | 2 barg | 30 psig |
| VOLUME RATIO | 3 | |
| MAX. FLOW | 15 lpmv | 0.53 cfm _V |
| DISPLACEMENT | 5.25 cm ³ / Rev. | 0.32 in ³ / Rev. |
| MAX. SPEED | 3,000 RPM | |
| RATED POWER | 80 We | 0.11 hpe |
| RATED CURRENT | 3.33 A | |
| MOTOR | 24 V Brushless DC | |
| COOLING | 24 VDC Attached Fan | |
| AMBIENT TEMP. RANGE | -20 °C – 40 °C | 0 °F – 104 °F |
| NOMINAL SOUND LEVEL | 30 dB(A) | |
| NET WEIGHT | 1.06 kg | 2.35 lb |
| PORT CONFIGURATION | 1/8" NPT | |
| MEDIA | Air | |
| PART NUMBER | P07H015A-A03 | |

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. Air Squared does not warrant, guarantee, or assume liability in connection with this information. Picture, Performance, Dimensions, and Electrical information for reference use only - visit airsquared.com for current specifications. Application conditions may adversely affect performance and product life. It is the responsibility of the user to determine the suitability of the product for intended use.

Performance



Flow Characteristics reflect nominal volume flow with air at NIST standard inlet conditions. Power Characteristics reflect nominal electric power consumption in Broomfield, CO USA with standard motor and controller losses.



Dimensions in millimeters unless otherwise stated.

