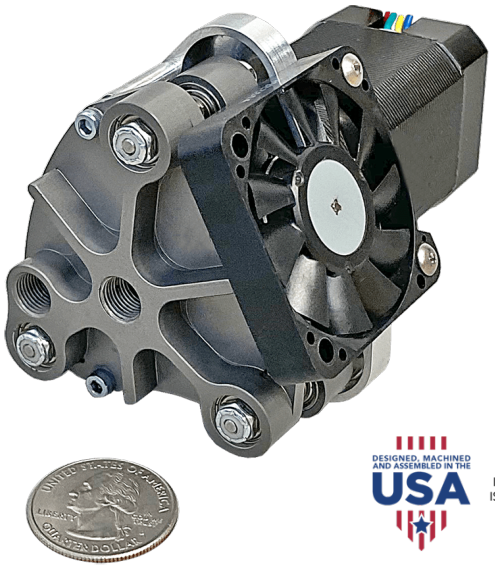
# P07H015A-BLDC-C

## 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

| | SI | IMPERIAL |
|---|---|---|
| MAX. PRESSURE | 2 barg | 30 psig |
| VOLUME RATIO | 3 | |
| MAX. FLOW | 15 lpmv | 0.53 cfmv |
| 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 | |

### AVAILABLE ACCESSORIES

Brushless DC Controller
Mounting Bracket

### OEM CONFIGURATIONS

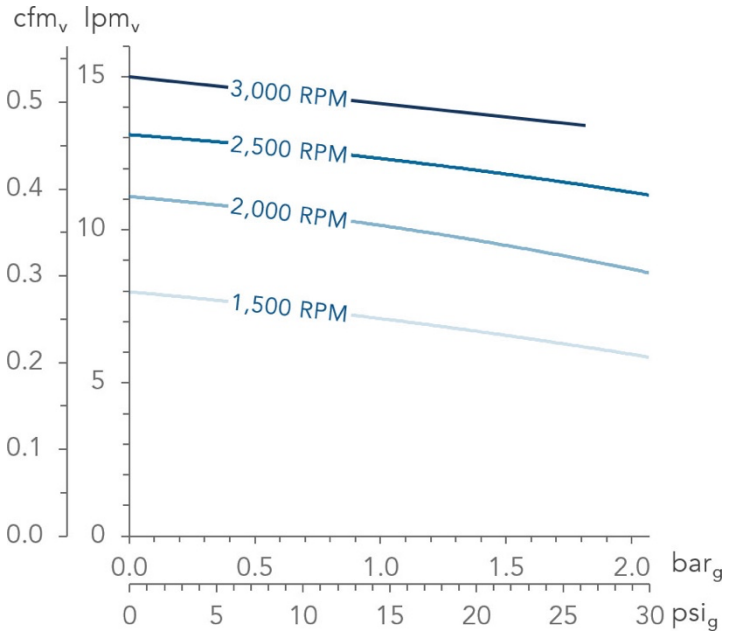
Custom Mounting Bracket
Custom Electrical Connector
Custom Motor and Fan Voltage
Custom Port Fittings

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

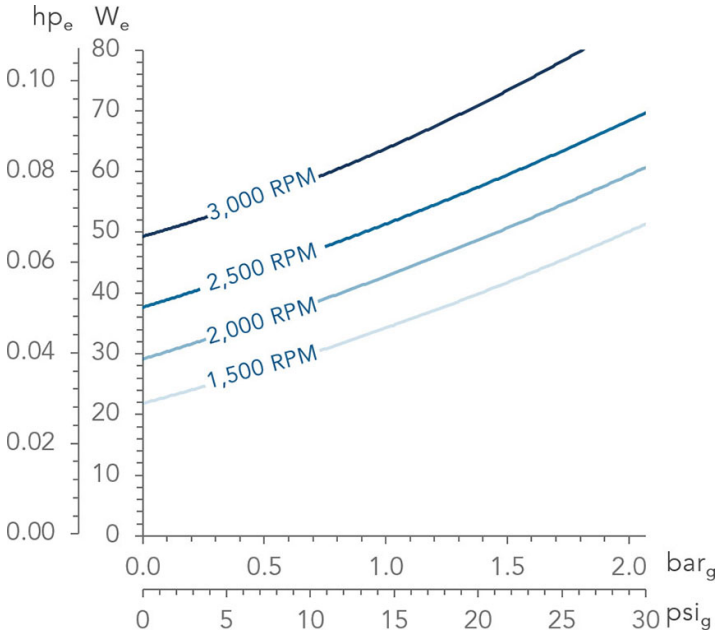
Contact info@airsquared.com.

## Performance

FLOW CHARACTERISTICS

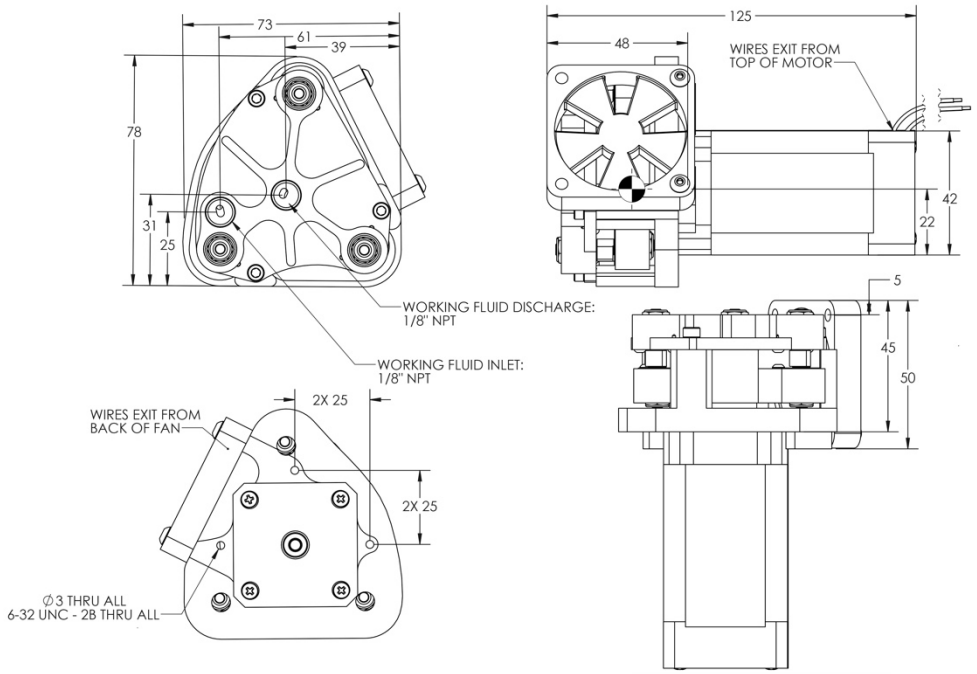



POWER CHARACTERISTICS




*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




*Dimensions in millimeters unless otherwise stated.*

Learn More About Oil-Free Scroll Technology at
http://airsquared.com