

# P22H060A-BLDC

## Scroll Compressor

### 100% Oil-Free

Maintain the purity of your system

### Efficient Performance

Continuous compression process with no re-expansion or throttling losses

### Smooth Operation

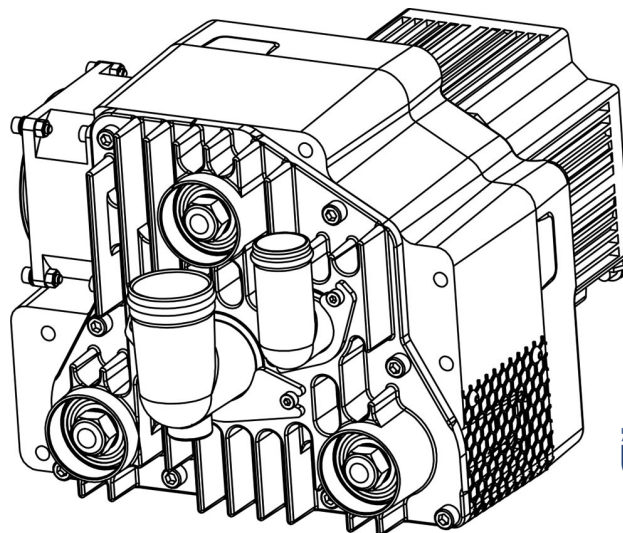
Dynamically balanced, valve-less, and near pulsation-free

### Reliable, Durable Solution

Long product life and simple field maintenance

### Variable Speed

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



|                     | SI                         | IMPERIAL                    |
|---------------------|----------------------------|-----------------------------|
| MAX. PRESSURE       | 1.6 barg                   | 23 psig                     |
| VOLUME RATIO        | 1.75                       |                             |
| MAX. FLOW           | 485 lpmv                   | 17.2 cfmv                   |
| DISPLACEMENT        | 203 cm <sup>3</sup> / Rev. | 12.4 in <sup>3</sup> / Rev. |
| MAX. SPEED          | 2,750 RPM                  |                             |
| RATED POWER         | 1.3 kW <sub>e</sub>        | 1.75 hpe                    |
| RATED CURRENT       | 36 A                       |                             |
| MOTOR               | 36 V Brushless DC          |                             |
| COOLING             | 24 VDC Attached Fan        |                             |
| AMBIENT TEMP. RANGE | -20 °C – 40 °C             | 0 °F – 104 °F               |
| NOMINAL SOUND LEVEL | 55 dB(A)                   |                             |
| NET WEIGHT          | 19 kg                      | 42 lb                       |
| PORT CONFIGURATION  | Elbow Fittings             |                             |
| MEDIA               | Air                        |                             |
| PART NUMBER         | P22H060A-A02               |                             |

### AVAILABLE ACCESSORIES

Brushless DC Controller

### OPTIONAL CONFIGURATIONS

48 V Brushless DC Motor

Alternate Housing (Lighter Weight)

### OEM CONFIGURATIONS

Custom Electrical Connector

Custom Motor and Fan Voltage

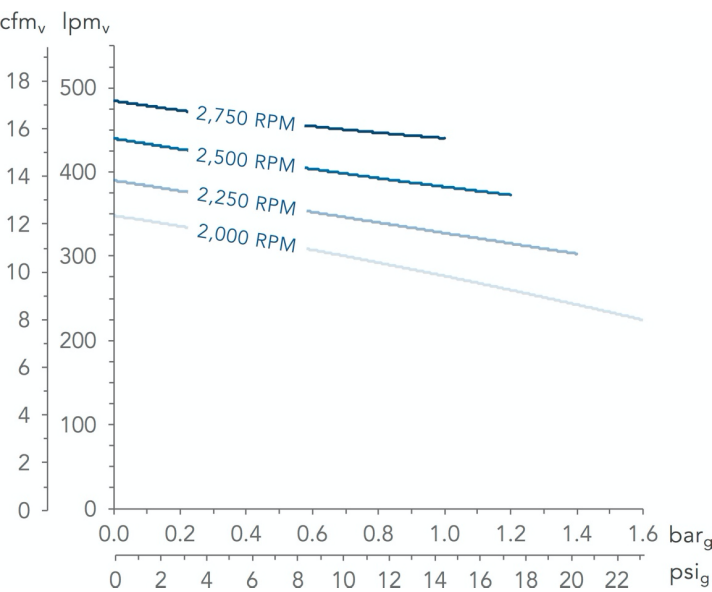
Qualified OEMs should consult Air Squared for custom configurations and application-specific requirements.

Contact [info@airsquared.com](mailto:info@airsquared.com).

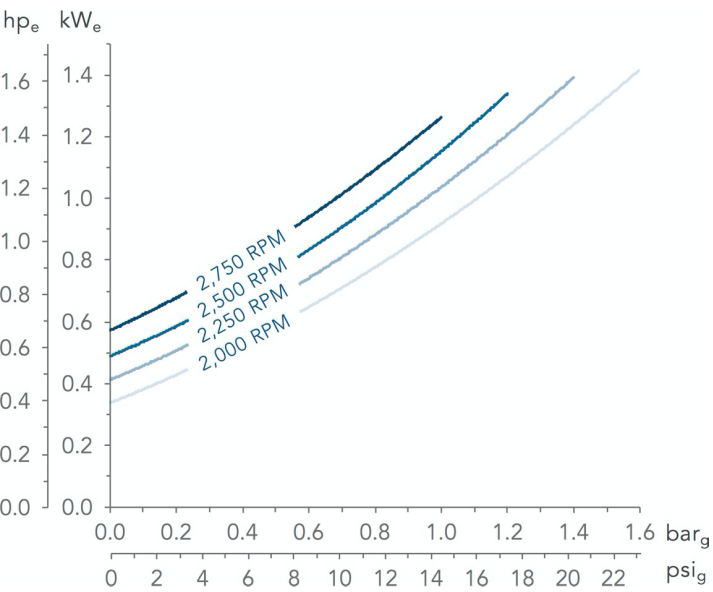
The information presented in this material is based on technical data and test results of nominal units. It is believed to be accurate and reliable. Air Squared does not warrant, guarantee, or assume liability in connection with this information. Picture, Performance, Dimensions, and Electrical information for reference use only - visit [airsquared.com](http://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

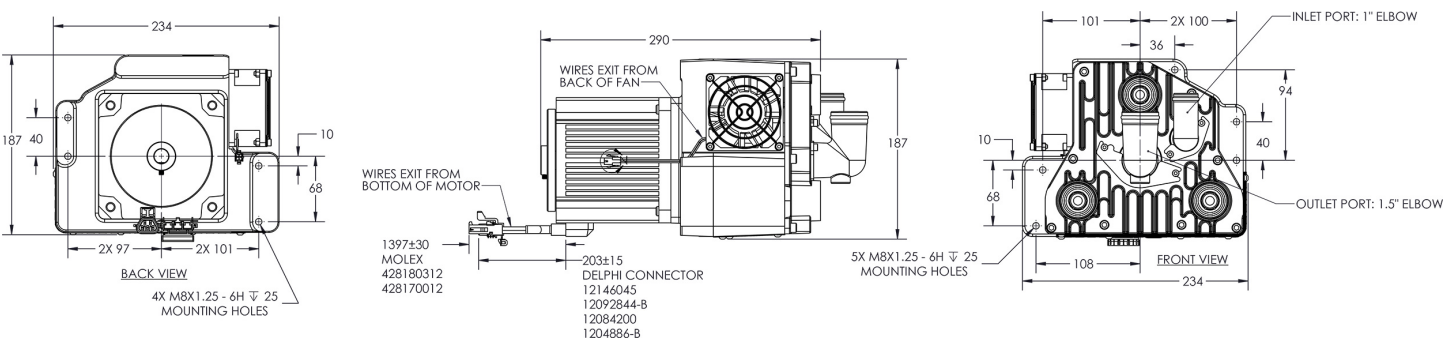


POWER CHARACTERISTICS



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.