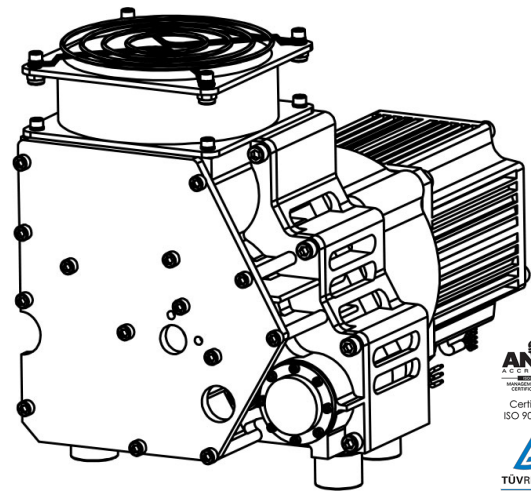


# P14H022A-BLDC-C

## Scroll Compressor

- 100% Oil-Free**  
Maintain the purity of your system
- Compact, Lightweight Design**  
Fewer moving parts than competing technology
- Quiet, Smooth Operation**  
Dynamically balanced, valve-less, and near pulsation-free
- Efficient Performance**  
Continuous compression process with no re-expansion or throttling losses
- 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	6.9 barg	100 psig
VOLUME RATIO	2.8	
MAX. FLOW	100 lpmv	3.53 cfmv
DISPLACEMENT	33 cm <sup>3</sup> / Rev.	2 in <sup>3</sup> / Rev.
MAX. SPEED	3,500 RPM	
RATED POWER	960 We	1.3 hpe
RATED CURRENT	20 A	
MOTOR	48 V Brushless DC	
COOLING	48 VDC Attached Fan	
AMBIENT TEMP. RANGE	-20 °C – 40 °C	0 °F – 104 °F
NOMINAL SOUND LEVEL	55 dB(A)	
NET WEIGHT	11 kg	24 lb
PORT CONFIGURATION	3/8" NPT (Inlet) 1/4" NPT (Discharge)	
MEDIA	Air	
PART NUMBER	P14H022A-A04	

### OPTIONAL CONFIGURATIONS

Custom Electrical Connector

### AVAILABLE ACCESSORIES

Brushless DC Controller

### CUSTOM REQUIREMENTS

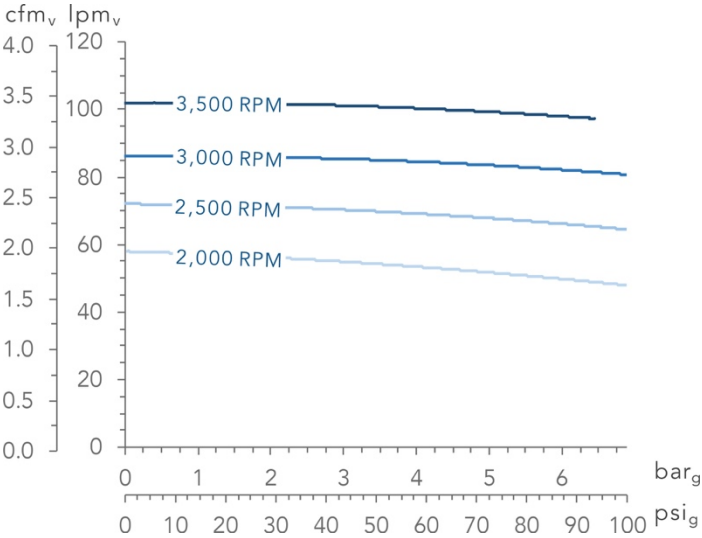
Qualified OEMs should consult Air Squared for custom configurations and application specific requirements.

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

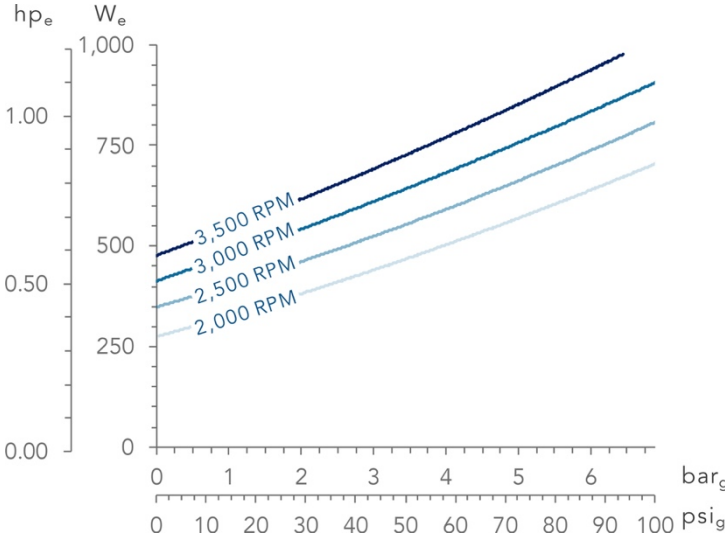
The information presented in this material is based on technical data and test results of nominal units. It is believed to be accurate and reliable. Air Squared does not warrant, guarantee, or assume liability in connection with this information. Picture, Performance, Dimensions, and Electrical information 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

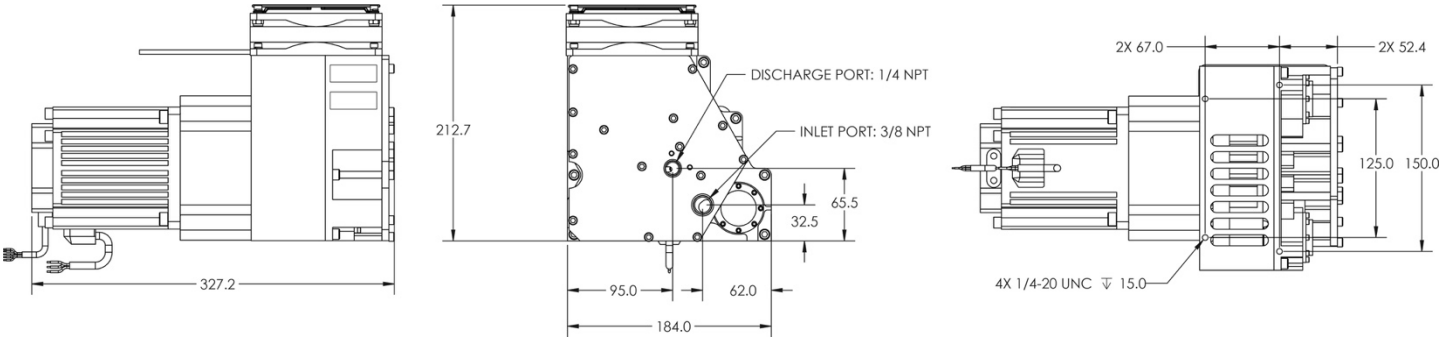


POWER CHARACTERISTICS



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.