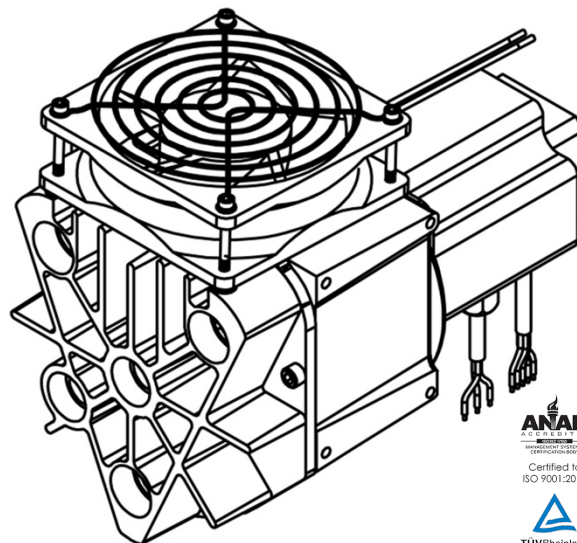


P16H030A-BLDC

Scroll Compressor ORBITAL SERIES

- 100% Oil-Free**
Maintain the purity of your system
- Quiet, Smooth Operation**
Dynamically balanced, valve-less, and near pulsation-free
- Compact, Lightweight Design**
Fewer moving parts than competing technology
- Reliable, Durable Solution**
Long product life and simple field maintenance
- 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	2.5 barg	35 psig
VOLUME RATIO	2.56	
MAX. FLOW	150 lpmv	5.3 cfmv
DISPLACEMENT	60.3 cm ³ / Rev.	3.7 in ³ / Rev.
MAX. SPEED	3,000 RPM	
RATED POWER	720 We	0.97 hpe
RATED CURRENT	30 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	40 dB(A)	
NET WEIGHT	5.9 kg	13.0 lb
PORT CONFIGURATION	1/2" NPT	
MEDIA	Air	
REGULATORY	RoHS Compliant	
PART NUMBER	P16H030A-A05	

AVAILABLE ACCESSORIES

Brushless DC Controller

OEM CONFIGURATIONS

Custom Electrical Connector
 Custom Motor and Fan Voltage

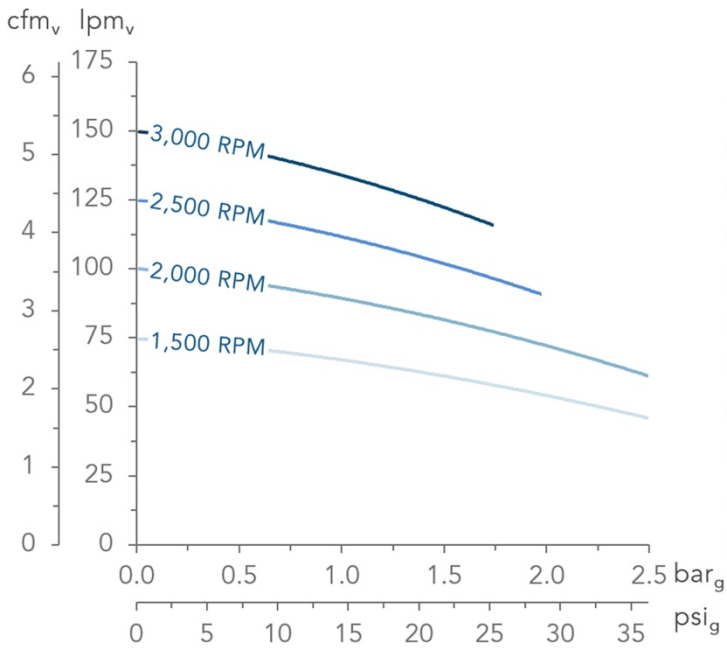
Qualified OEMs should consult Air Squared for custom configurations and application-specific requirements.

Contact info@airsquared.com.

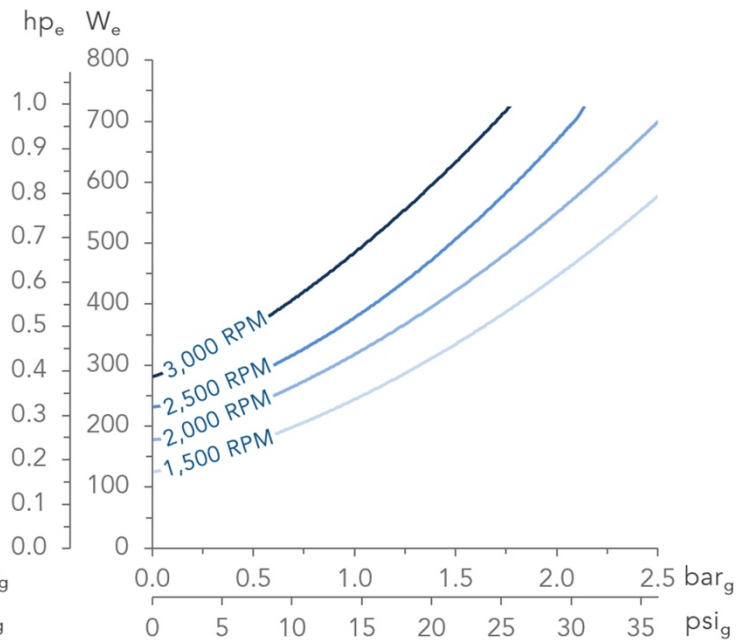
The information presented in this material is based on technical data and test results of nominal units. It is believed to be accurate and reliable. Air Squared does not warrant, guarantee, or assume liability in connection with this information. Picture, Performance, Dimensions, and Electrical information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

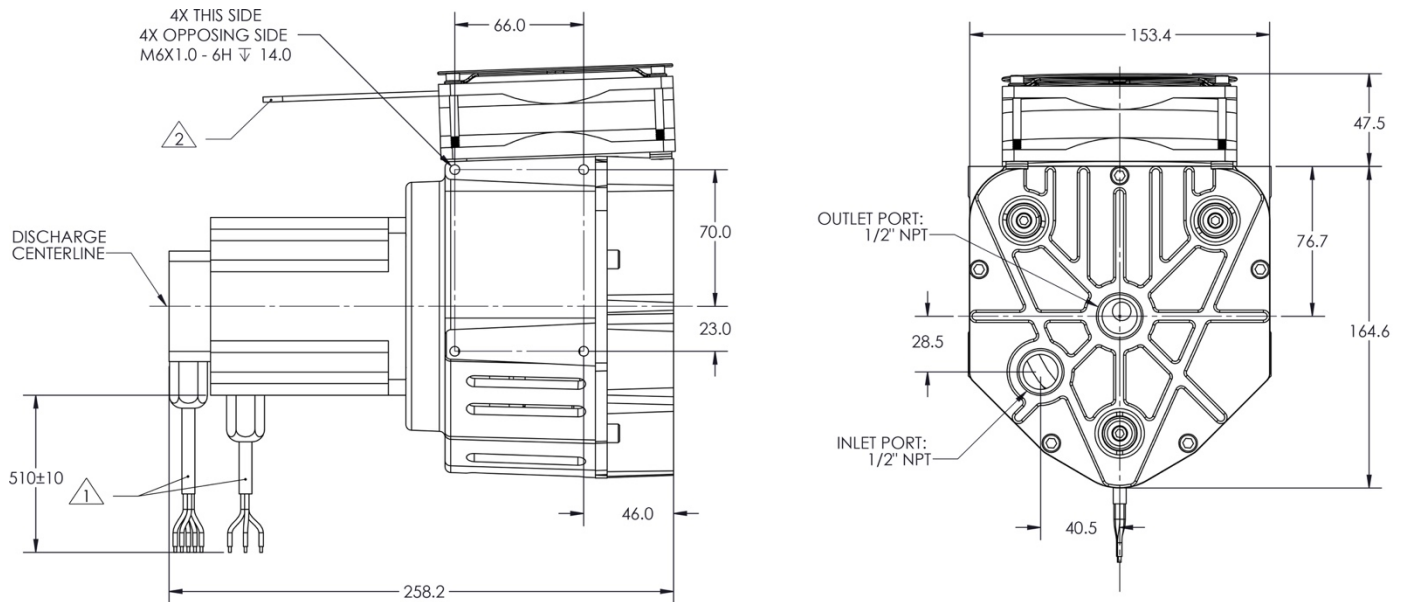


POWER CHARACTERISTICS



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