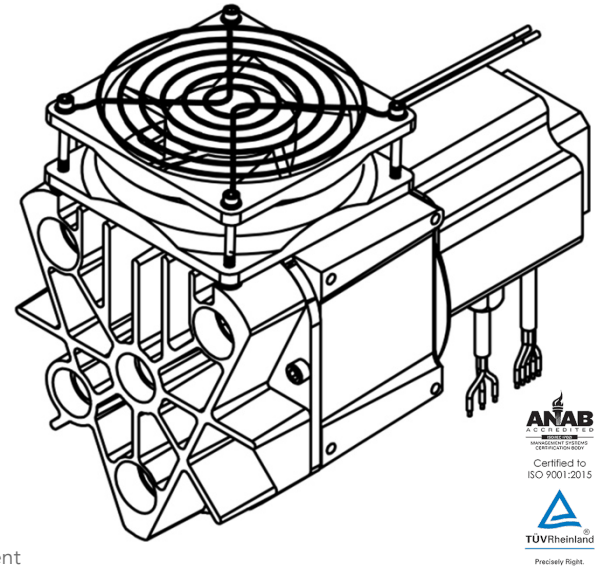
+1 (303) 466-2669
info@airsquared.com
http://airsquared.com

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 lpm_V	5.3 cfm_V
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

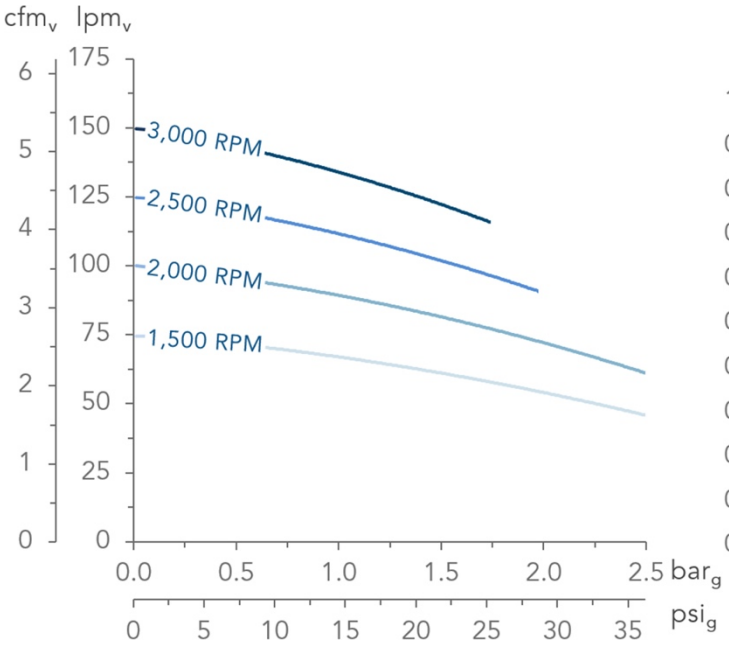
Custom Electrical Connector
Custom Motor and Fan Voltage

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

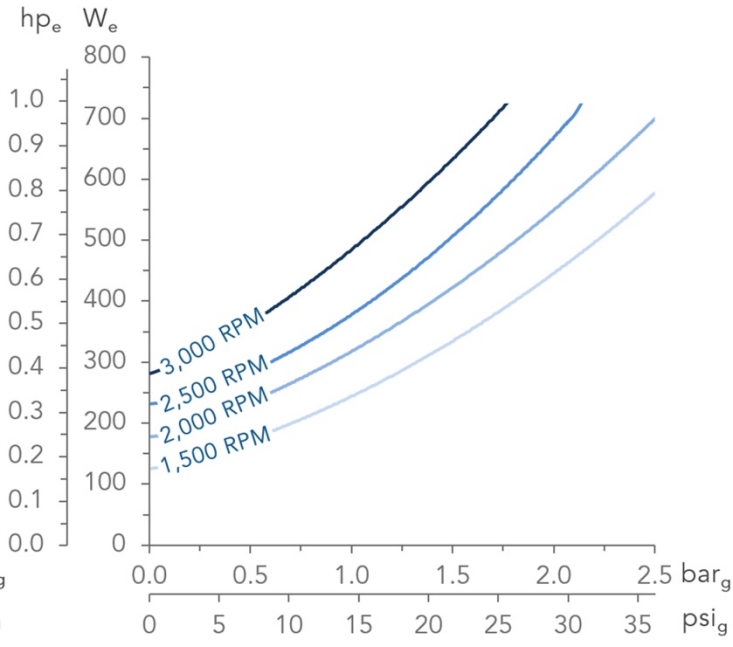
Contact info@airsquared.com.

Performance

FLOW CHARACTERISTICS

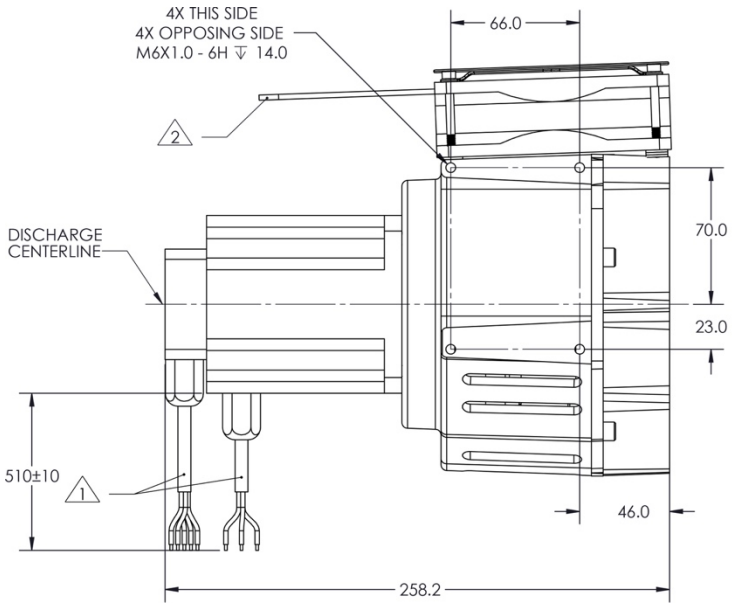


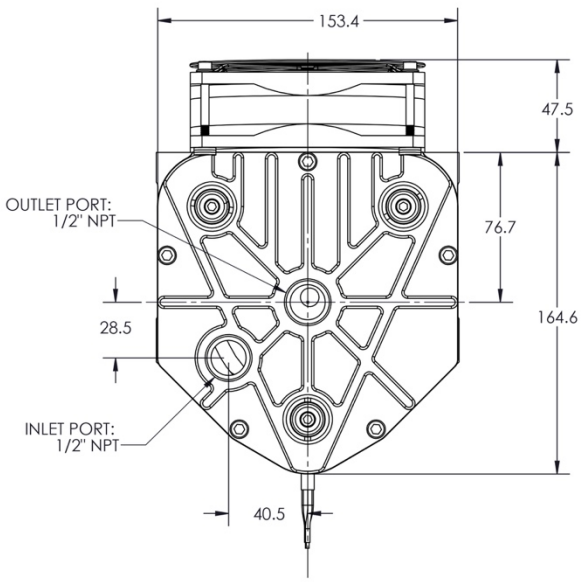
POWER CHARACTERISTICS



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