

**COMPRESSOR SPECIFICATIONS**

VOLUME RATIO	2.75	
SUCTION VOLUME	2.55 cc	
MAX PRESSURE	2 Bar <sub>g</sub>	30 PS <sub>l</sub> <sub>g</sub>
MAX FLOW	6 LPM <sub>v</sub>	0.2 CFM <sub>v</sub>
MASS	0.7 kg	1.5 Lb
RATED SPEED	3000 RPM	

**MOTOR SPECIFICATIONS**

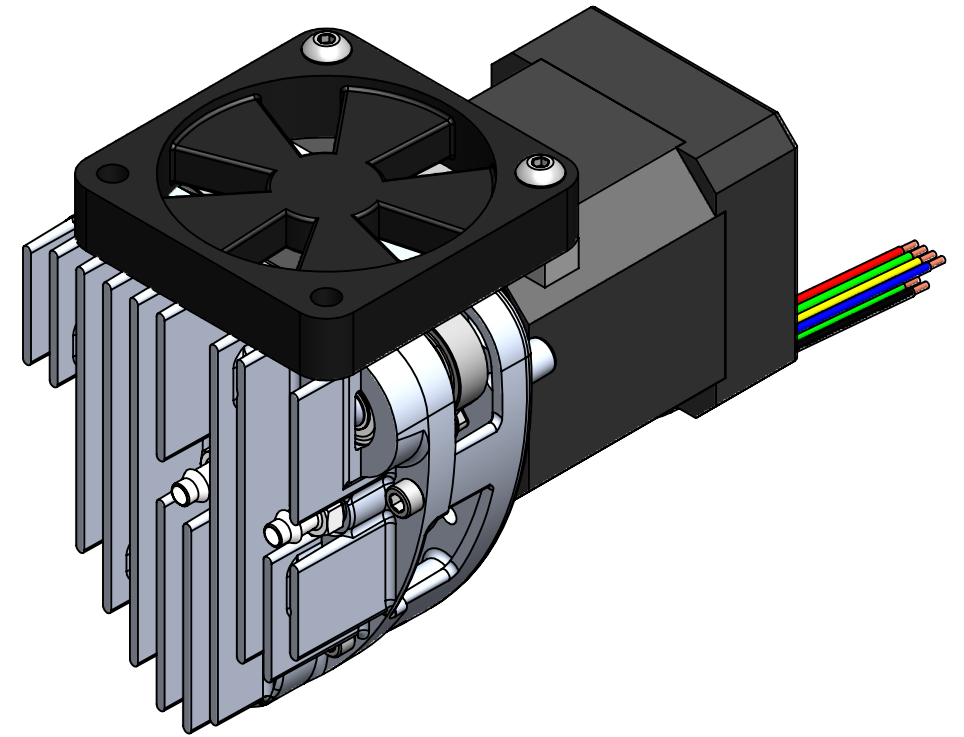
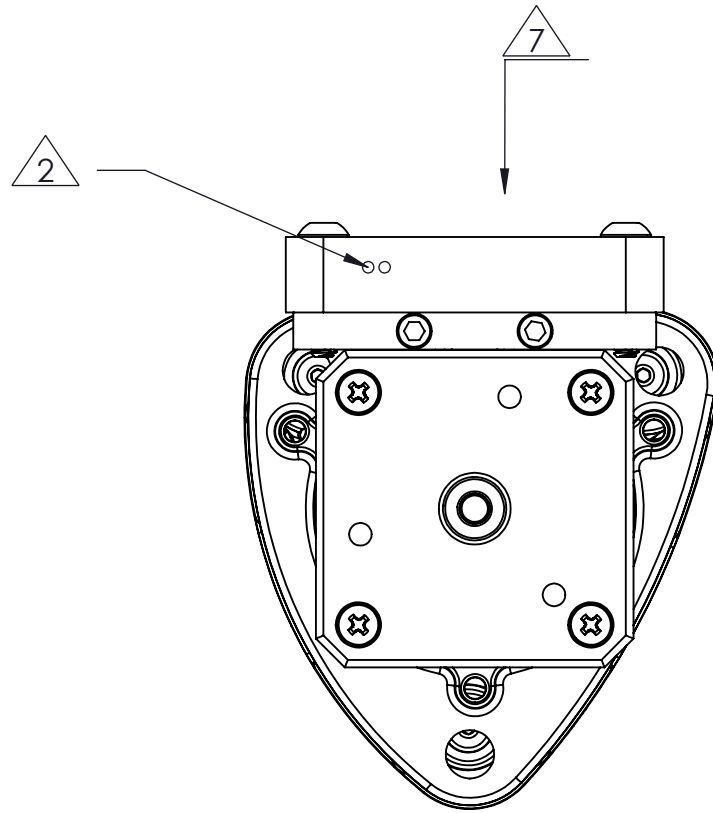
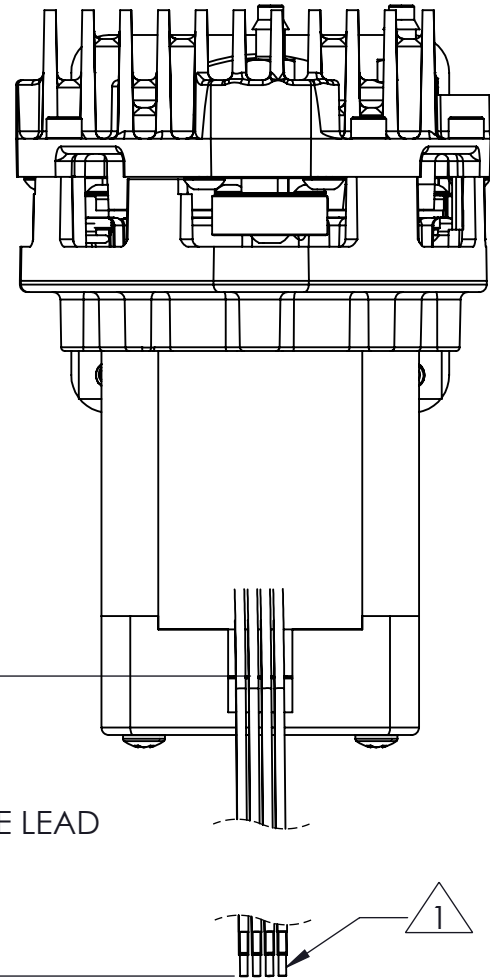
NOMINAL VOLTAGE	24 VDC	
CURRENT LIMIT	2.3 A	(8)
# OF POLES	8	

**FAN SPECIFICATIONS**

VOLTAGE RATING	24 VDC	
CURRENT RATING	0.1 A	
POWER	2.4 W	


- (1) MOTOR LEADS EXIT FROM SHOWN. BARE LEADS TYPICAL.
- (2) FAN LEADS EXIT FROM SHOWN. BARE LEADS TYPICAL.
- (3) PROPER OPERATING DIRECTION WHEN VIEWED FROM RESPECTIVE ORIENTATION.
- (4) WORKING FLUID INLET PORT: 1/8" BARBED TUBE FITTING
- (5) WORKING FLUID OUTLET PORT: 1/8" BARBED TUBE FITTING
- (6) MOUNTING PROVISIONS
- (7) FAN AIRFLOW DIRECTION
- (8) MAXIMUM ALLOWABLE INPUT CURRENT TO THE CONTROLLER AT NOMINAL VOLTAGE.

<p>DEFAULT TOLERANCES:</p> <p>X. ± 2.0  .X ± 1.0  .XX ± 0.50  .XXX ± 0.100  ANGULAR ± 3.0°</p> <p>INTERPRET DRAWING PER  ASME Y14.5-2009</p>	<p>CONFIDENTIAL.  THIS DOCUMENT AND  THE DATA DISCLOSED  HEREIN OR HERewith IS  NOT TO BE  REPRODUCED, USED, OR  DISCLOSED IN WHOLE  OR IN PART TO ANYONE  WITHOUT THE  PERMISSION OF AIR  SQUARED, INC.</p>	<p><b>Air squared</b></p> <p>DESCRIPTION:  <b>SALES LAYOUT</b></p>	
		<p>DIMENSIONS ARE IN MM</p> <p>SHEET 1 OF 2   SCALE: 1:1</p>	<p>SIZE <b>B</b>   PART NO.  <b>P05H012A-B02</b></p>



MOTOR POWER	
WIRE COLOR	SIGNAL
BLUE	A
YELLOW	B
GREEN	C
HALL SENSORS	
WIRE COLOR	SIGNAL
YELLOW	1
GREEN	2
BLUE	3
RED	VCC
BLACK	GND

FAN POWER	
RED	+
BLACK	-

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		DESCRIPTION: SALES LAYOUT		
INTERPRET DRAWING PER ASME Y14.5-2009	DIMENSIONS ARE IN MM SHEET 2 OF 2    SCALE: 1:1	SIZE <b>B</b>	PART NO. P05H012A-B02	REV. 1