

COMPRESSOR SPECIFICATIONS		
VOLUME RATIO	1.39	
SUCTION VOLUME	463 cc	
MAX PRESSURE	1.2 Bar _g	17.4 PSI _g
MAX FLOW	950 LPM	33.5 CFM
MASS	27 kg	59.5 Lb
RATED SPEED	2000 RPM	
MOTOR SPECIFICATIONS		
NOMINAL VOLTAGE	48 VDC	
CURRENT LIMIT	50 A	8
# OF POLES	8	
FAN SPECIFICATIONS		
VOLTAGE RATING	48 VDC	
CURRENT RATING	0.2 A	
POWER	9.6 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: 1.5" ELBOW HOSE CONNECTION
- 5 WORKING FLUID OUTLET PORT: 1.5" ELBOW HOSE CONNECTION
- 6 MOUNTING PROVISIONS
- 7 FAN AIRFLOW DIRECTION
- 8 MAXIMUM ALLOWABLE INPUT CURRENT TO THE CONTROLLER AT NOMINAL VOLTAGE

DEFAULT TOLERANCES:
 X. ± 2.0
 .X ± 1.0
 .XX ± 0.50
 .XXX ± 0.100
 ANGULAR ± 3.0°

INTERPRET DRAWING PER
 ASME Y14.5-2009

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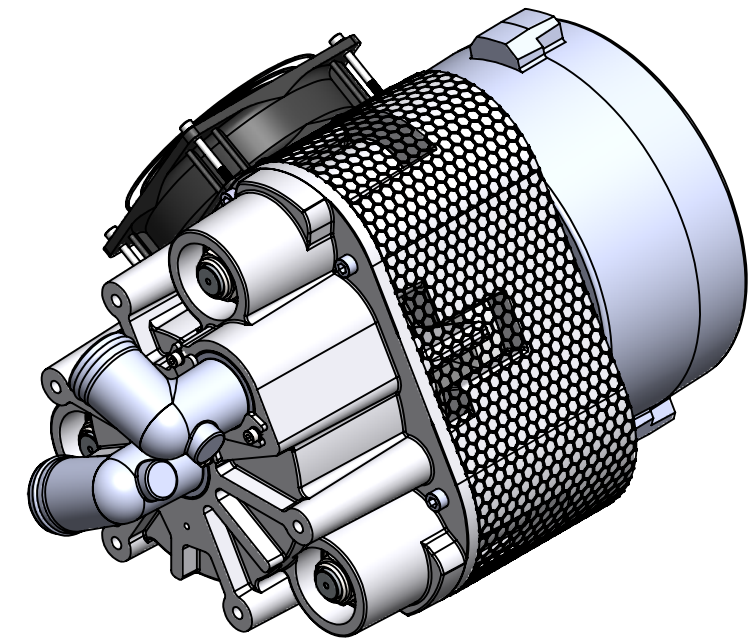
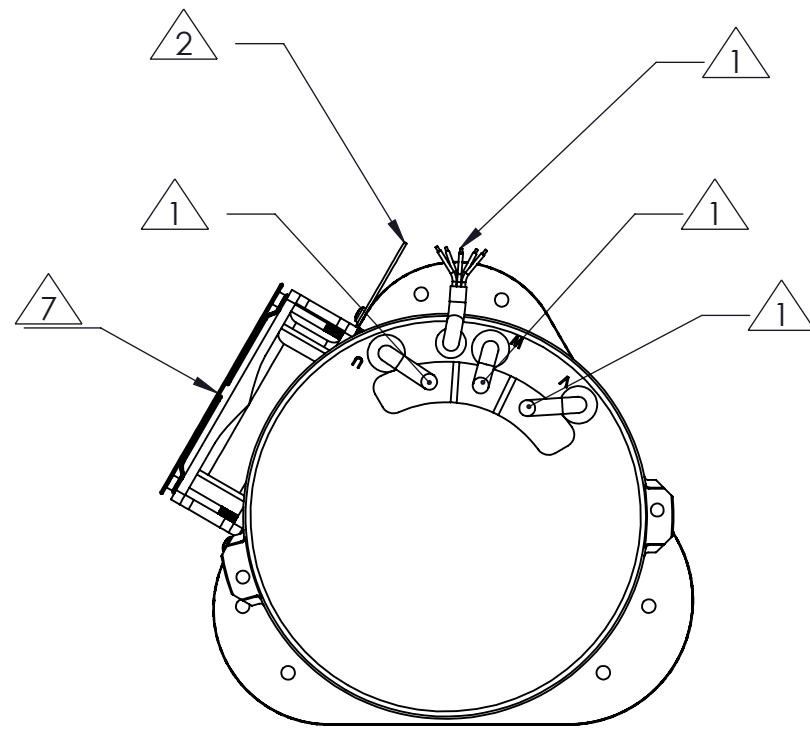
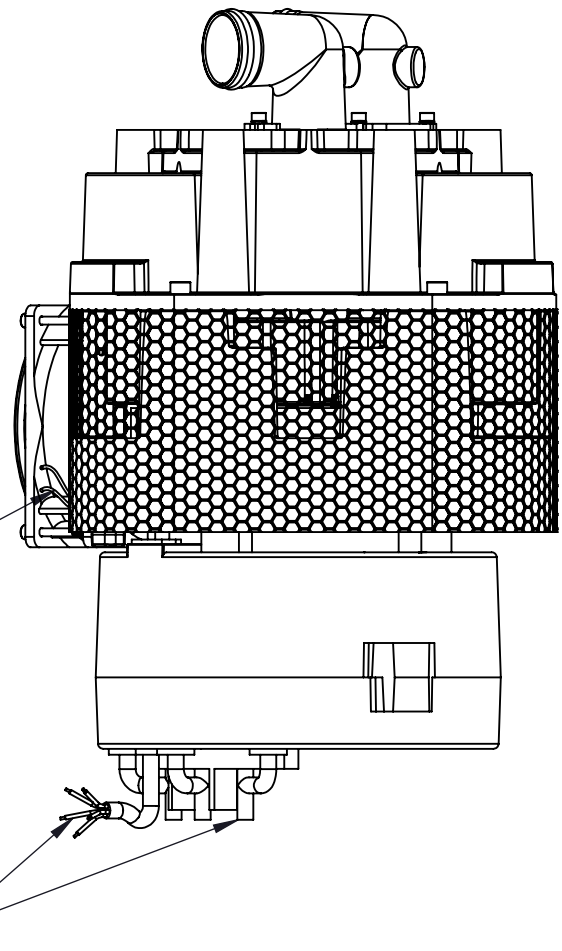
DIMENSIONS ARE IN MM

Air squared

DESCRIPTION:
SALES LAYOUT

SIZE B	PART NO. P27H069A-B01	REV. 5
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SHEET 1 OF 2 SCALE: 1:5



MOTOR WIRING - REFERENCE 940044-ASSY

MOTOR POWER	
WIRE SIGNAL	SIGNAL
U	∅ A
V	∅ C
W	∅ B
HALL SENSORS	
WIRE COLOR	SIGNAL
WHITE	S1
GREEN	S2
BLUE	S3
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: 1:5	SIZE B	PART NO. P27H069A-B01	REV. 5