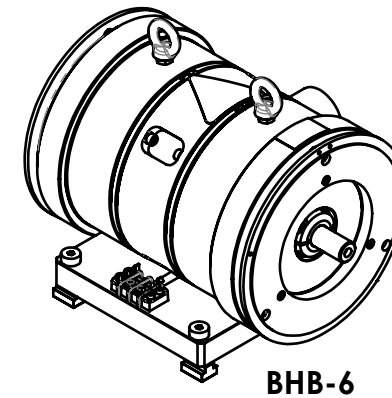
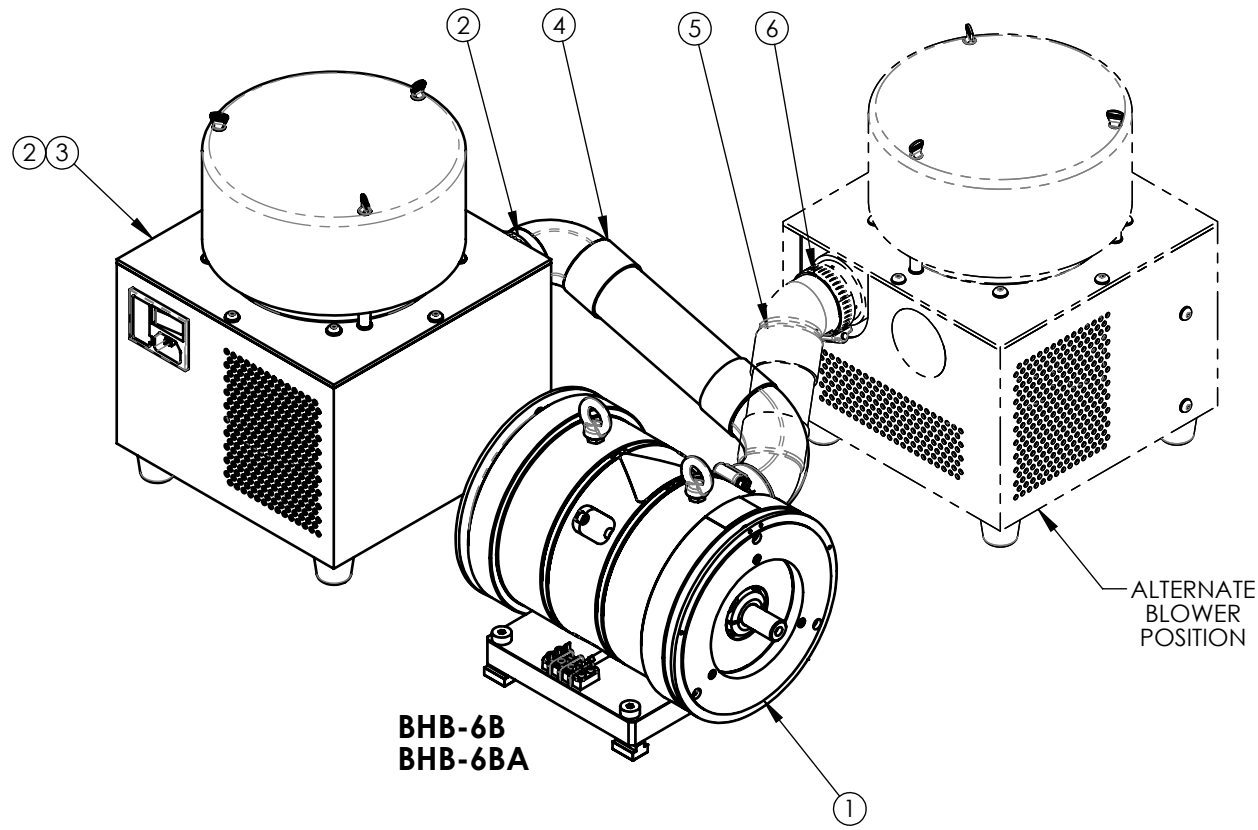


MODEL	MINIMUM TORQUE AT RATED CURRENT (Nm)	RATED CURRENT (A)	RESISTANCE ±10% @ 25°C (ohms)	VOLTAGE (Vdc)	NOMINAL POWER (watts)	MAXIMUM SPEED (rpm)	KINETIC POWER RATINGS			DE-ENERGIZED DRAG TORQUE @ 1000 RPM (Nm)	EXTERNAL INERTIA (kg cm ²)	TORQUE TO INERTIA RATIO (rad/s ²)	SOLID MODEL AVAILABLE
							COOLING METHOD	5 MINUTE (watts)	CONTINUOUS (watts)				
BHB-6	6.0	1.5	16.5	24	37.13	20,000	BLOWER*	3,400	3,000	2.82 X 10 ⁻²	13.82	4,340	*KINETIC POWER REQUIREMENTS: MAXIMUM POWER RATINGS REQUIRE MAGTROL BLOWER PACKAGE BL-001 OR BL-001-A TO BE USED WITH THE BRAKE.
							NO AIR	1,000	225				


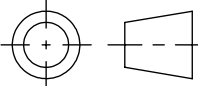
BRAKE MODEL	BLOWER	
	MODEL	VOLTAGE
BHB-6B	BL-001	120Vac
BHB-6BA	BL-001-A	240Vac
BHB-6	NOT INCLUDED	

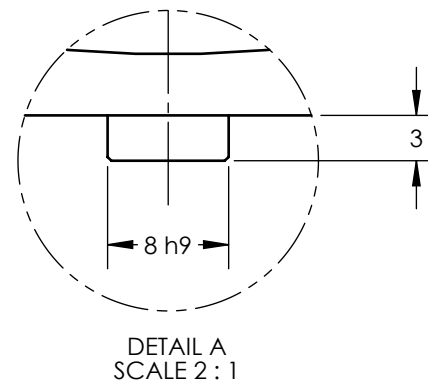
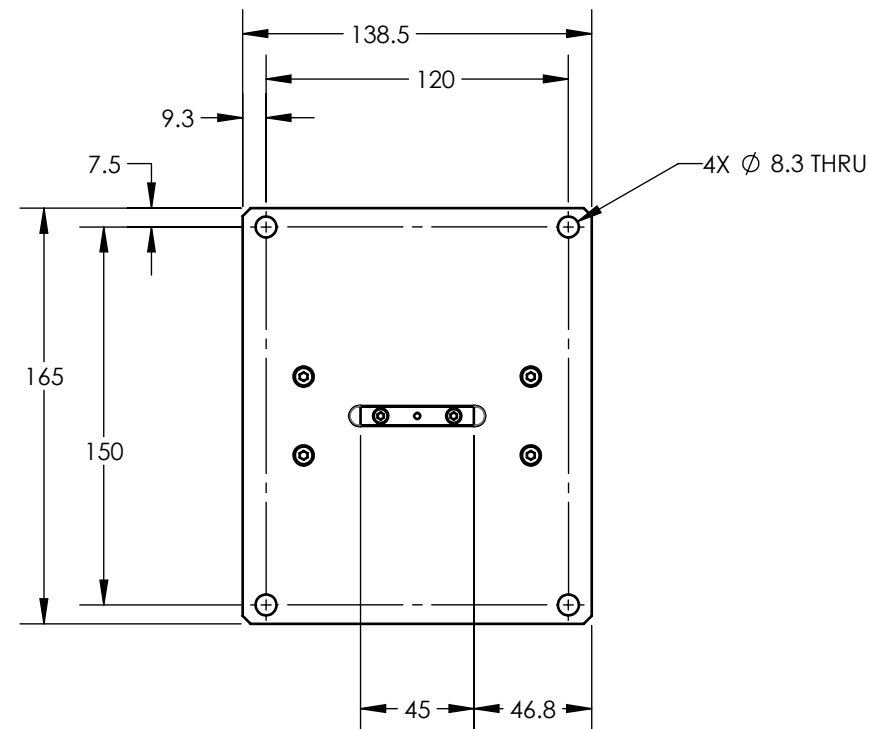
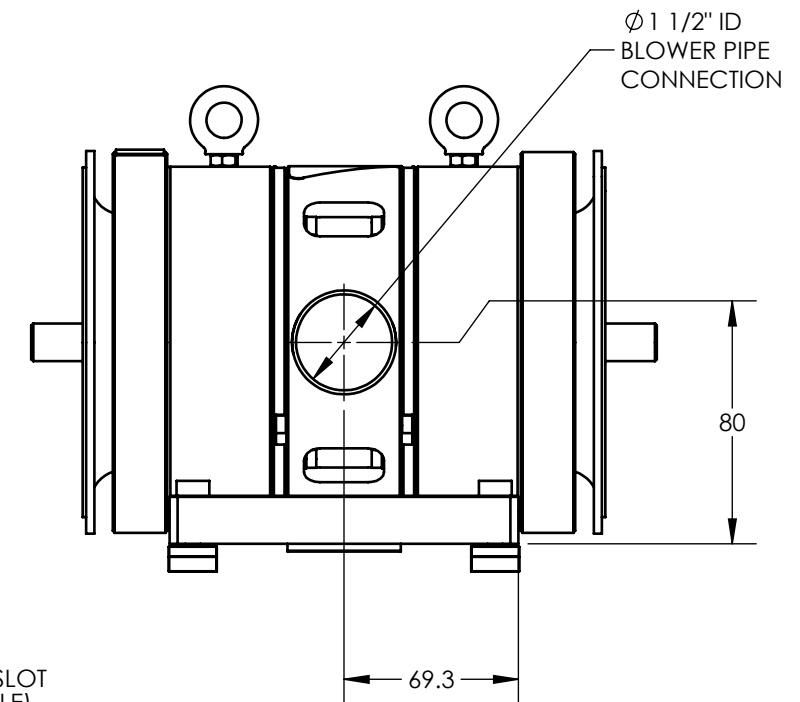
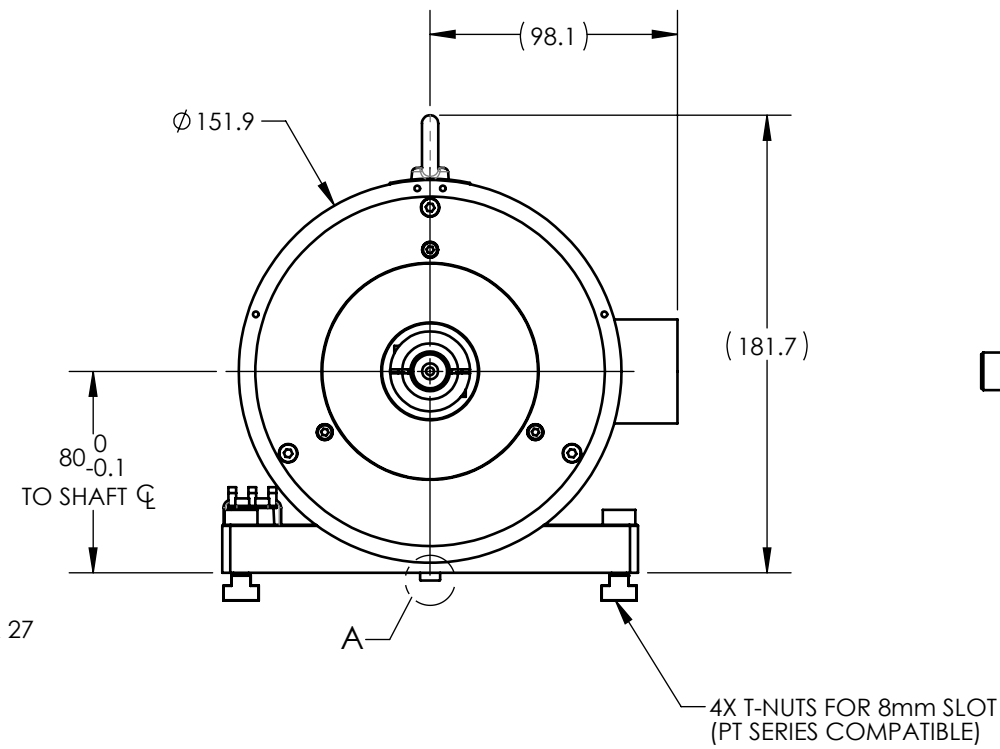
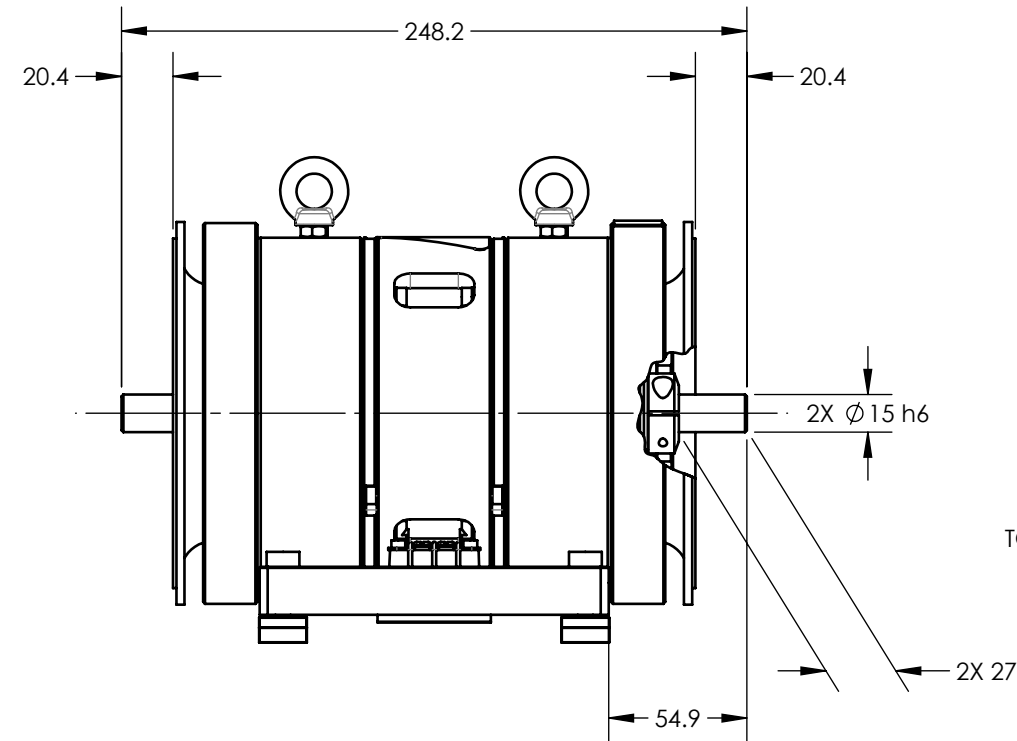
BHB-□□
 Blank = Brake Only (No Blower)
 B = 120V Blower & Pipe Assemblies
 BA = 240V Blower & Pipe Assemblies
 Min Torque Rating
 Model Series



INSTALLATION DRAWING


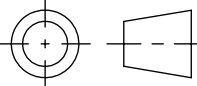
6	505844	HOSE CLAMP	-	2	2
5	183442	CONNECTION PIPE ASSY, SIDE MOUNT	-	1	1
4	173091	CONNECTION PIPE ASSY, REAR MOUNT	-	1	1
3	BL-001-A	BL-001-A, BLOWER ASSEMBLY, 240 VAC	-	-	1
2	BL-001	BL-001, BLOWER ASSEMBLY, 120 VAC	-	1	-
1	BHB-6	BLOWER COOLED BRAKE ASSEMBLY, 6Nm	1	1	1
ITEM NO.	PART NUMBER	DESCRIPTION	BHB-6 QTY.	BHB-6B QTY.	BHB-6BA QTY.

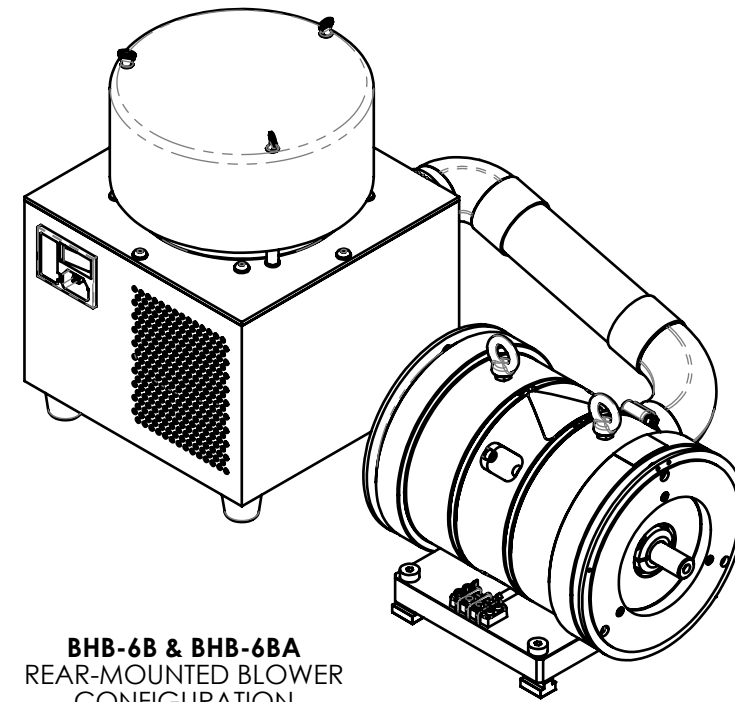
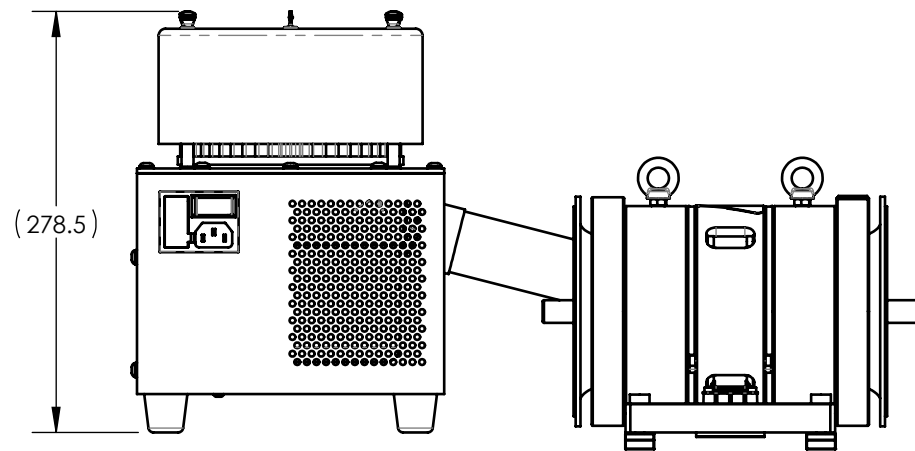
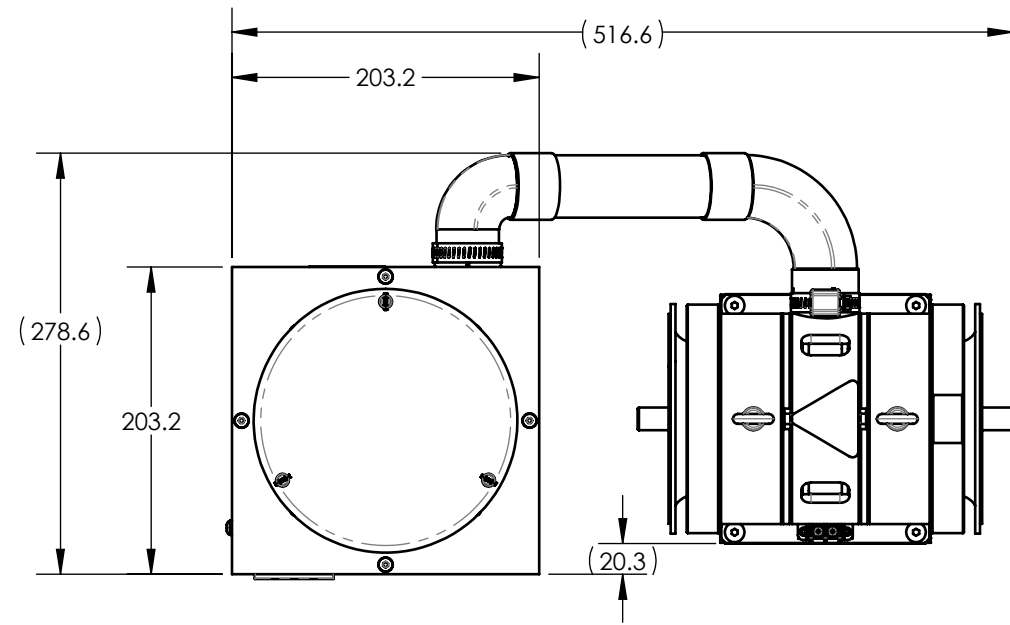
MATERIAL:	DESIGN	JEF	06/18/14	 MAGTROL INC. 70 GARDENVILLE PKWY, W. BUFFALO, NEW YORK 14224-1322
	DRAWN	JEF	07/02/14	
FINISH:	CHECKED	AJC	07/17/14	
THIRD ANGLE PROJECTION				TITLE: BLOWER COOLED BRAKE ASSEMBLY, 6Nm
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DWG NO:			BHB-6	REV D
SIZE	SCALE	SHEET #		
B	1:5	1 OF 4		



BHB-6, BHB-6B, & BHB-6BA
BRAKE DIMENSIONS


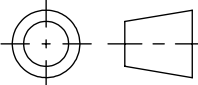
INSTALLATION DRAWING

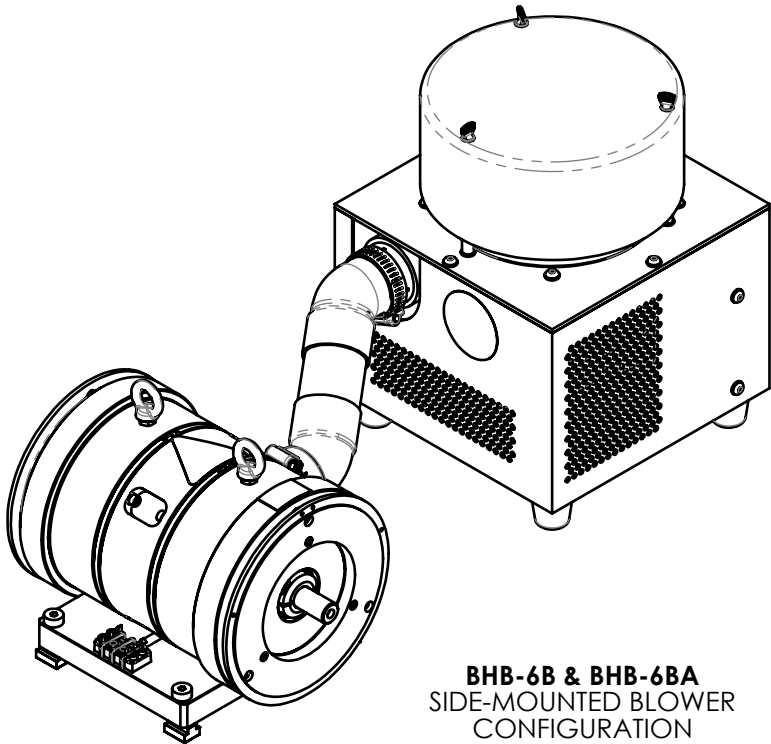
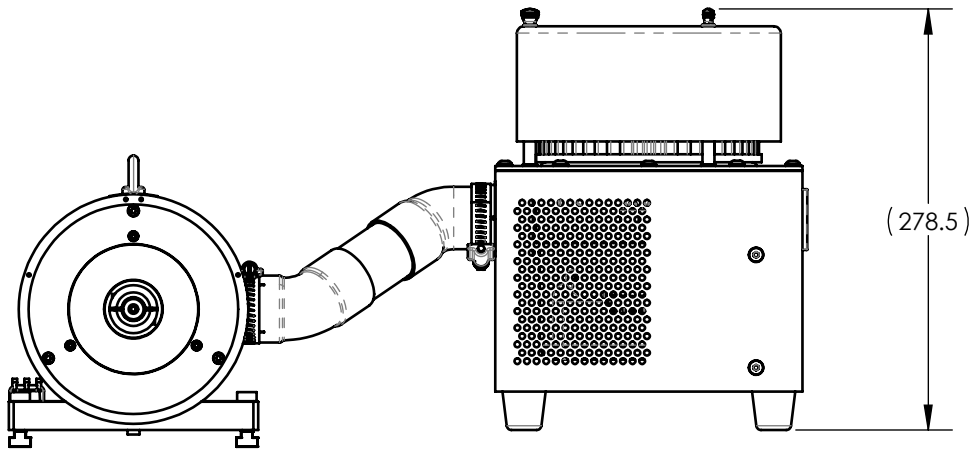
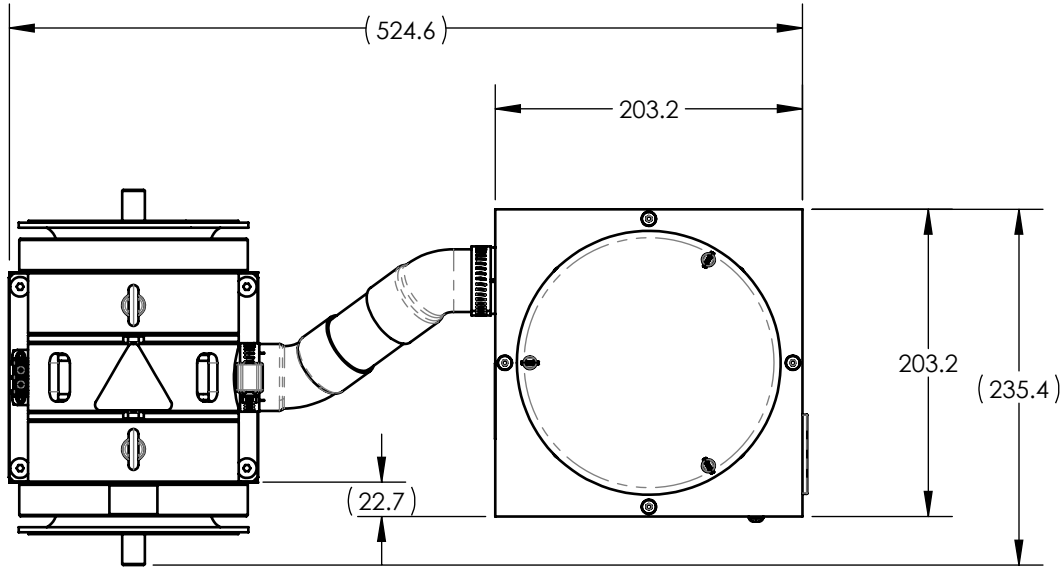
MATERIAL: -	DESIGN	JEF	06/18/14	 MAGTROL INC. 70 GARDENVILLE PKWY, W. BUFFALO, NEW YORK 14224-1322
	DRAWN	JEF	07/02/14	
FINISH: -	CHECKED	AJC	07/17/14	TITLE: BLOWER COOLED BRAKE ASSEMBLY, 6Nm
	THIRD ANGLE PROJECTION 			USED ON: - SIMILAR TO: AHB-6, HDB-715
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				DWG NO: BHB-6
SIZE: B	SCALE: 1:3	SHEET # 2 OF 4		



BHB-6B & BHB-6BA
REAR-MOUNTED BLOWER
CONFIGURATION


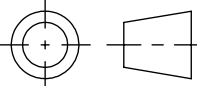
INSTALLATION DRAWING

MATERIAL: -	DESIGN	JEF	06/18/14	 MAGTROL INC. 70 GARDENVILLE PKWY, W. BUFFALO, NEW YORK 14224-1322
	DRAWN	JEF	07/02/14	
FINISH: -	CHECKED	AJC	07/17/14	TITLE: BLOWER COOLED BRAKE ASSEMBLY, 6Nm
	THIRD ANGLE PROJECTION 			UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS DIAMETERS CONCENTRIC: .08 TIR FACES PERPENDICULAR: .08 INTERPRETATION PER ASME Y14.5M-1994 REMOVE ALL BURRS AND BREAK SHARP EDGES 0.13/0.25 X 45° INSIDE CORNERS TO BE R 0.5 MAX TOLERANCES: .X ± .25 X ± .4 .XX ± .13 X° ± 1° SURFACE FINISH 3.2 μm MAX
THIS DRAWING AND SPECIFICATION CONTAINS PROPRIETARY INFORMATION TO MAGTROL INC. ANY DISCLOSURE OR REPRODUCTION OF THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION FROM MAGTROL INC. IS EXPRESSLY PROHIBITED				USED ON: - SIMILAR TO: AHB-6, HDB-715 DWG NO: BHB-6 REV D
SIZE B		SCALE 1:5	SHEET # 3 OF 4	



BHB-6B & BHB-6BA
SIDE-MOUNTED BLOWER
CONFIGURATION

INSTALLATION DRAWING

MATERIAL: -	DESIGN	JEF	06/18/14	 MAGTROL INC. 70 GARDENVILLE PKWY, W. BUFFALO, NEW YORK 14224-1322	
	DRAWN	JEF	07/02/14		
FINISH: -	CHECKED	AJC	07/17/14	TITLE: BLOWER COOLED BRAKE ASSEMBLY, 6Nm	
	THIRD ANGLE PROJECTION			USED ON: - SIMILAR TO: AHB-6, HDB-715	
THIS DRAWING AND SPECIFICATION CONTAINS PROPRIETARY INFORMATION TO MAGTROL INC. ANY DISCLOSURE OR REPRODUCTION OF THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION FROM MAGTROL INC. IS EXPRESSLY PROHIBITED	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS DIAMETERS CONCENTRIC: .08 TIR FACES PERPENDICULAR: .08 INTERPRETATION PER ASME Y14.5M-1994 REMOVE ALL BURRS AND BREAK SHARP EDGES 0.13/0.25 X 45° INSIDE CORNERS TO BE R 0.5 MAX TOLERANCES: .X ± .25 X ± .4 .XX ± .13 X° ± 1° SURFACE FINISH 3.2 µm MAX			DWG NO: BHB-6	REV D
	SIZE	SCALE	SHEET #	4 OF 4	
B	1:5				