

SOLID MODEL AVAILABLE

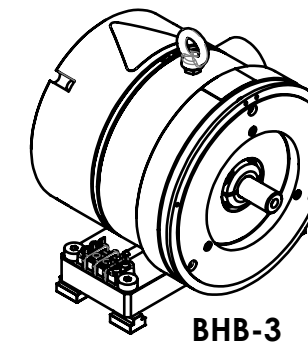
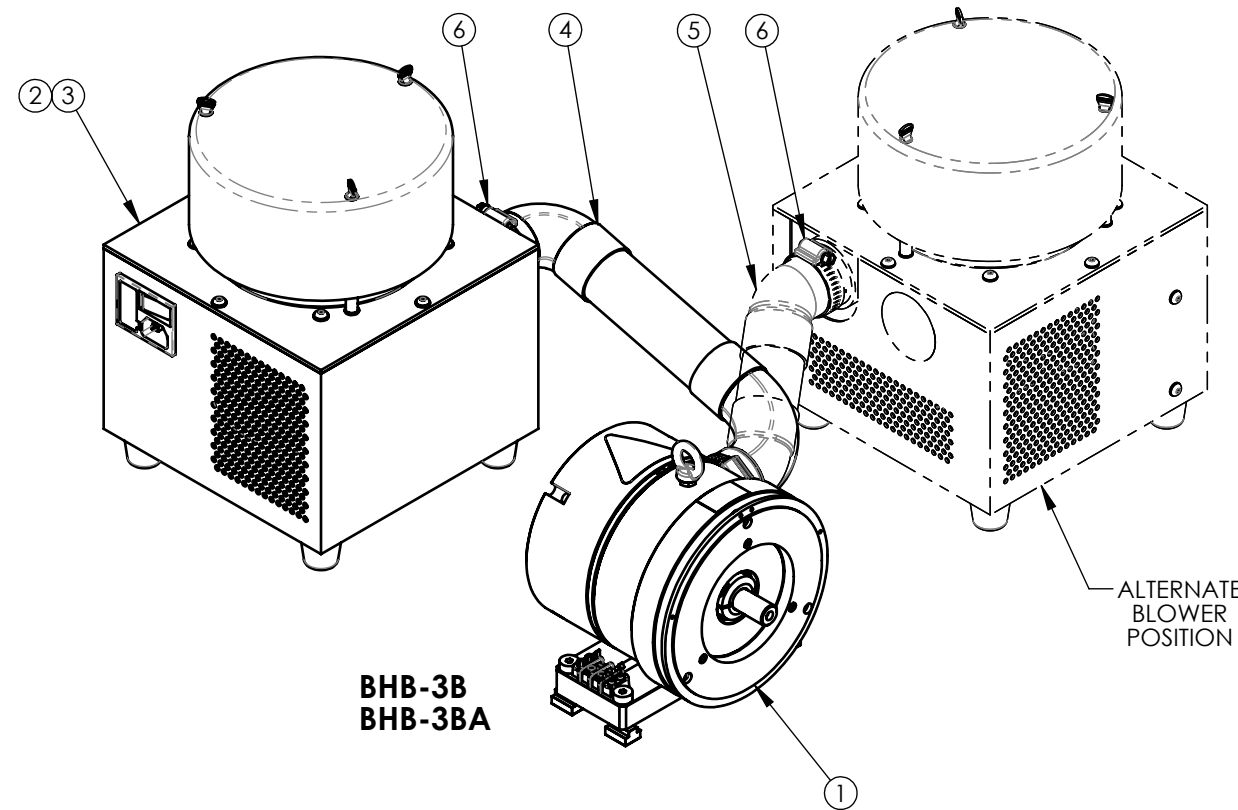
MODEL	MINIMUM TORQUE AT RATED CURRENT (Nm)	RATED CURRENT (mA)	RESISTANCE ±10% @ 25°C (ohms)	VOLTAGE (Vdc)	NOMINAL POWER (watts)	MAXIMUM SPEED (rpm)	KINETIC POWER RATINGS			DE-ENERGIZED DRAG TORQUE @ 1000 RPM (Nm)	EXTERNAL INERTIA (kg cm ²)	TORQUE TO INERTIA RATIO (rad/s ²)
							COOLING METHOD	5 MINUTE (watts)	CONTINUOUS (watts)			
BHB-3	3	750	33	24.8	18.56	20,000	BLOWER*	(1,500)	(935)	1.51 X 10 ⁻²	6.91	4,340
							NO AIR	800	160			

***KINETIC POWER REQUIREMENTS:**
 MAXIMUM POWER RATINGS REQUIRE MAGTROL BLOWER PACKAGE BL-001 OR BL-001-A TO BE USED WITH THE BRAKE.

KINETIC POWER RATINGS ARE PRELIMINARY

BRAKE MODEL	BLOWER	
	MODEL	VOLTAGE
BHB-3B	BL-001	120Vdc
BHB-3BA	BL-001-A	240Vdc
BHB-3	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	BLOWER ASSEMBLY, 240 VAC	-	-	1
2	BL-001	BLOWER ASSEMBLY, 120 VAC	-	1	-
1	BHB-3	BLOWER COOLED BRAKE, 3Nm (BRAKE ONLY)	1	1	1
ITEM NO.	PART NUMBER	DESCRIPTION	BHB-3 QTY.	BHB-3B QTY.	BHB-3BA QTY.

MATERIAL:	DESIGN	AJC	08/26/14
	DRAWN	AJC	08/26/14
FINISH:	CHECKED	JEF	09/01/14

MAGTROL INC.
 70 GARDENVILLE PKWY, W.
 BUFFALO, NEW YORK 14224-1322

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

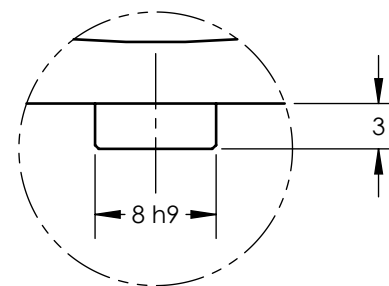
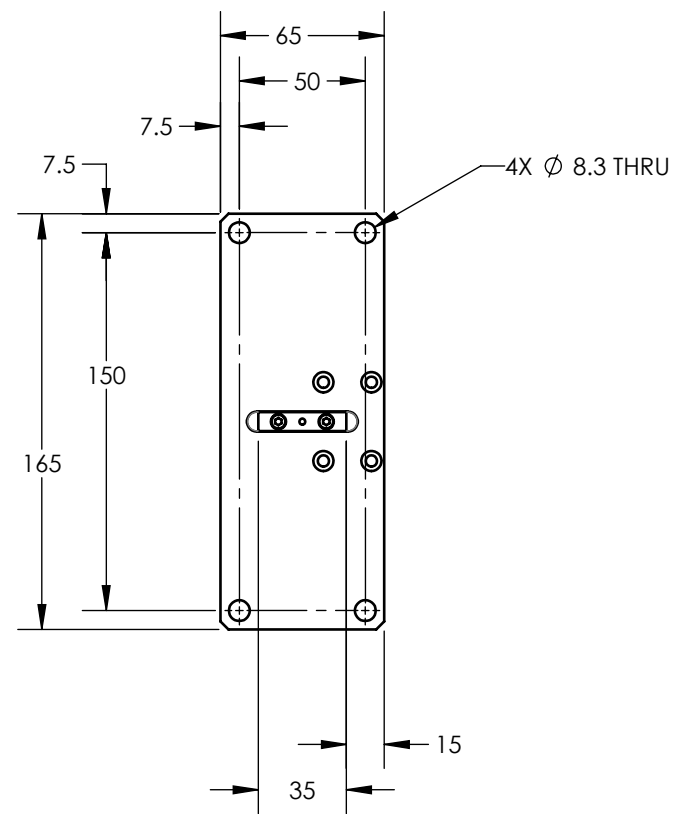
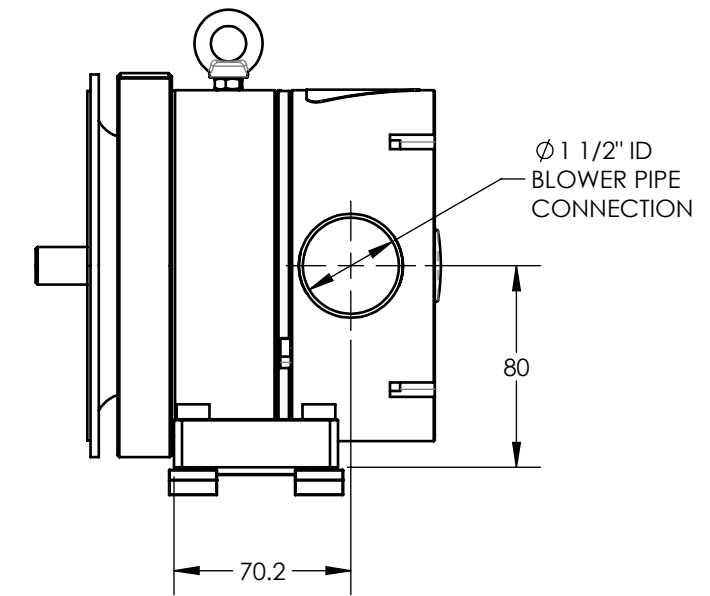
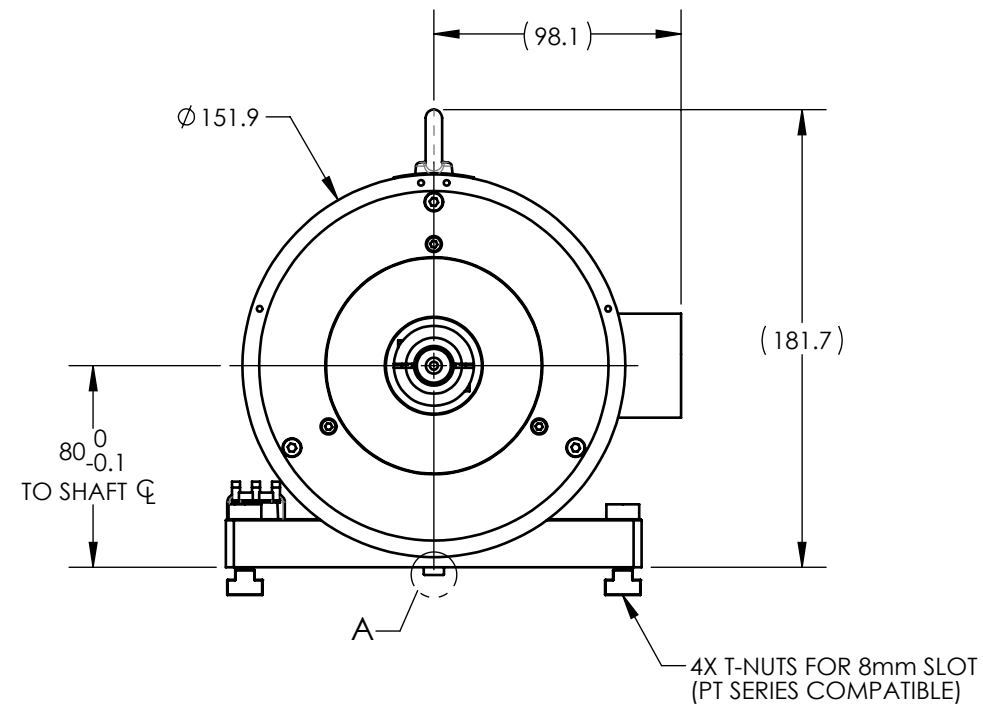
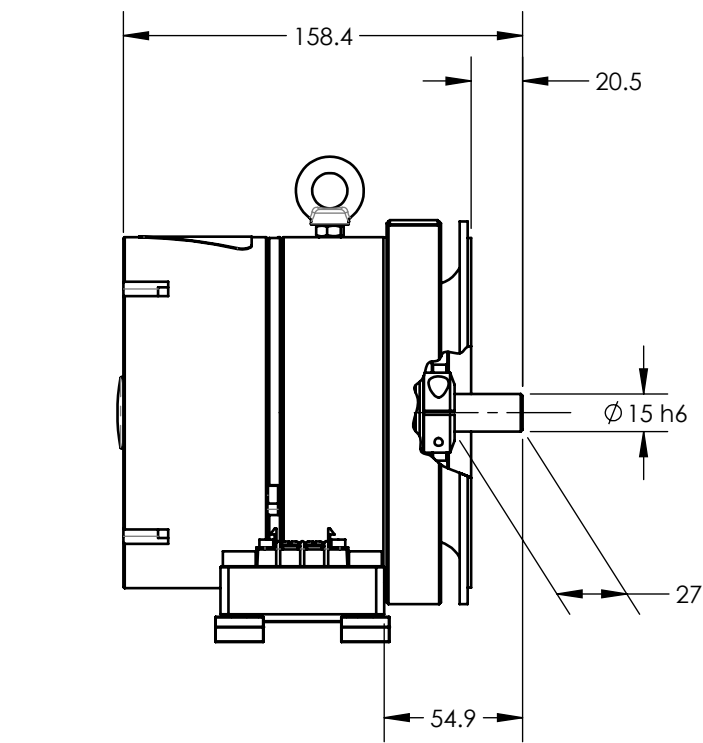
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TITLE:
BLOWER COOLED BRAKE ASSEMBLY, 3Nm

USED ON: -
 SIMILAR TO: AHB-3, HB-710

DWG NO: **BHB-3** REV **B**


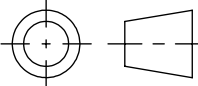
SIZE **B** SCALE **1:5** SHEET # **1 OF 4**

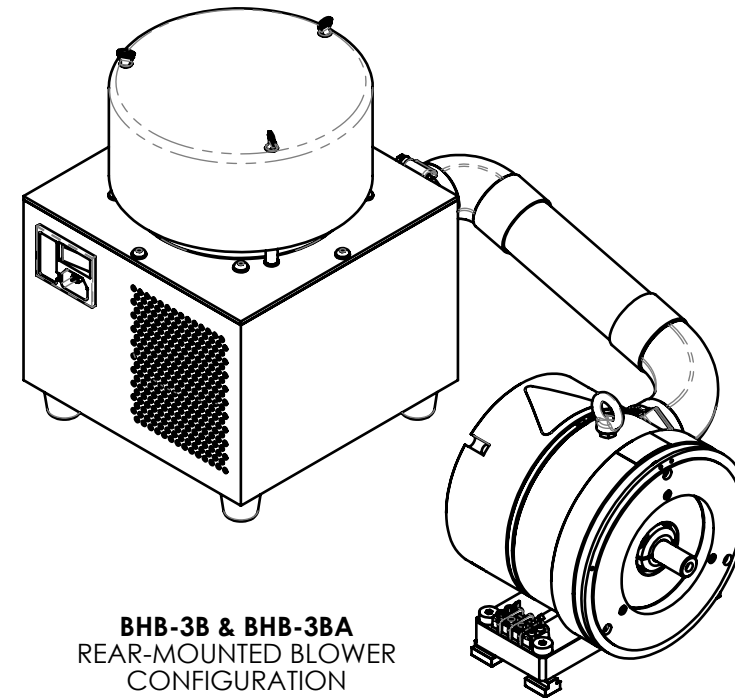
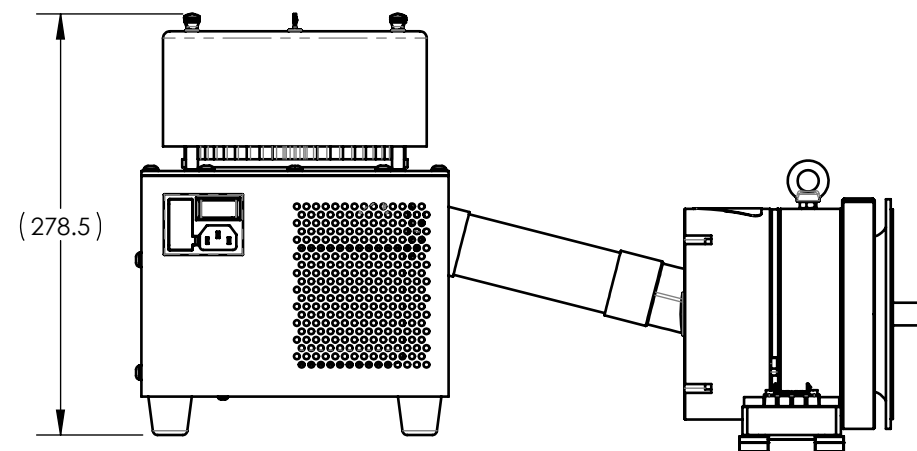
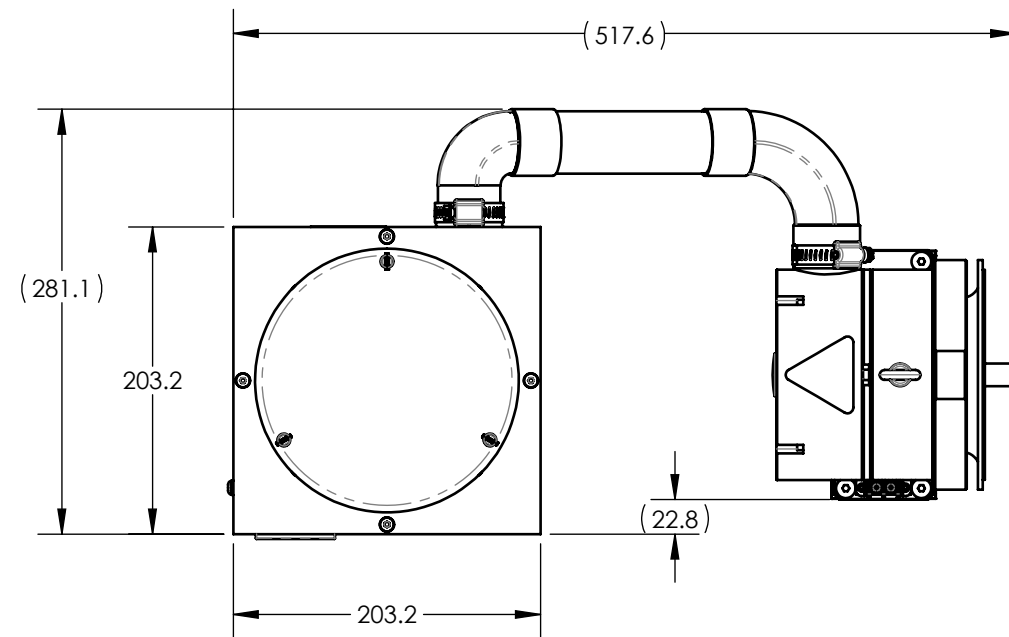


DETAIL A
SCALE 2 : 1

BHB-3, BHB-3B, & BHB-3BA
BRAKE DIMENSIONS


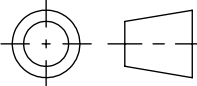
INSTALLATION DRAWING

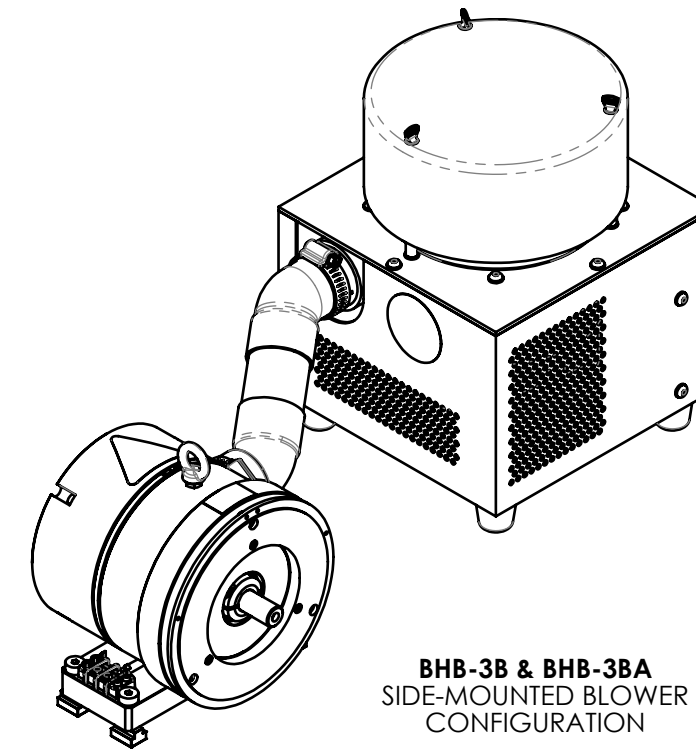
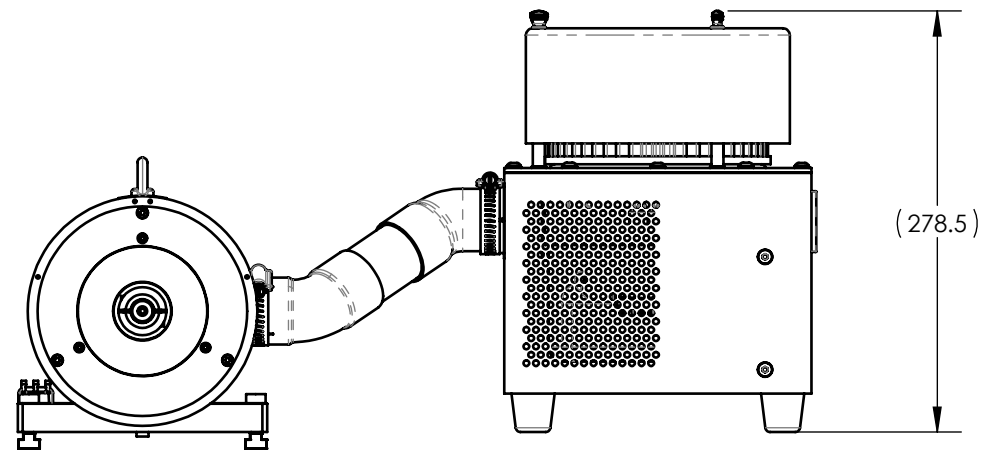
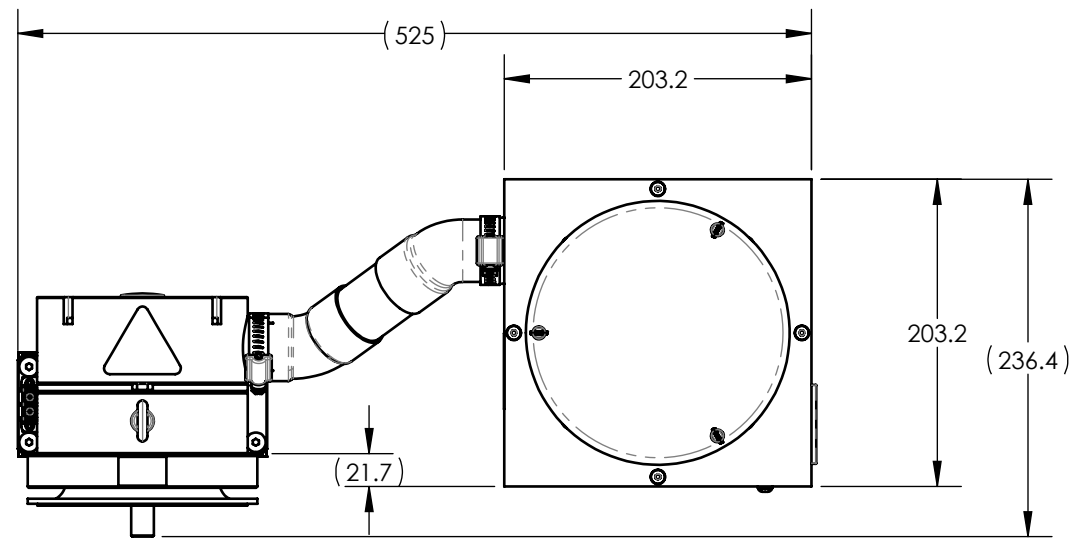
MATERIAL: -	DESIGN	AJC	08/26/14	 MAGTROL INC. 70 GARDENVILLE PKWY, W. BUFFALO, NEW YORK 14224-1322
	DRAWN	AJC	08/26/14	
FINISH: -	CHECKED	JEF	09/01/14	TITLE: BLOWER COOLED BRAKE ASSEMBLY, 3Nm
	THIRD ANGLE PROJECTION 			UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS DIAMETERS CONCENTRIC: .08 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-3, HB-710 DWG NO: BHB-3 REV B
SIZE B		SCALE 1:3	SHEET # 2 OF 4	



BHB-3B & BHB-3BA
REAR-MOUNTED BLOWER
CONFIGURATION


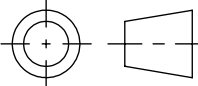
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SIZE B		SCALE 1:5	SHEET # 3 OF 4	



BHB-3B & BHB-3BA
SIDE-MOUNTED BLOWER
CONFIGURATION

INSTALLATION DRAWING

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FINISH:	-	DRAWN	AJC	08/26/14	
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					REV B
SIZE B			SCALE 1:5	SHEET # 4 OF 4	