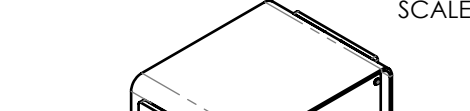
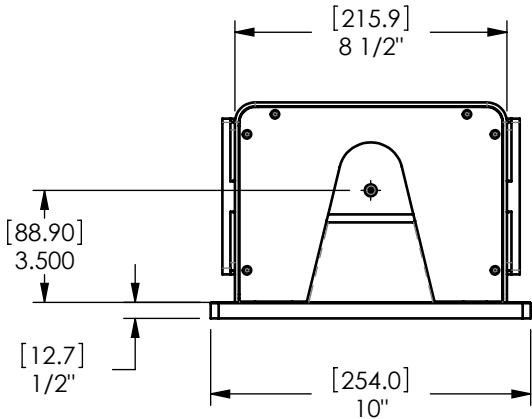
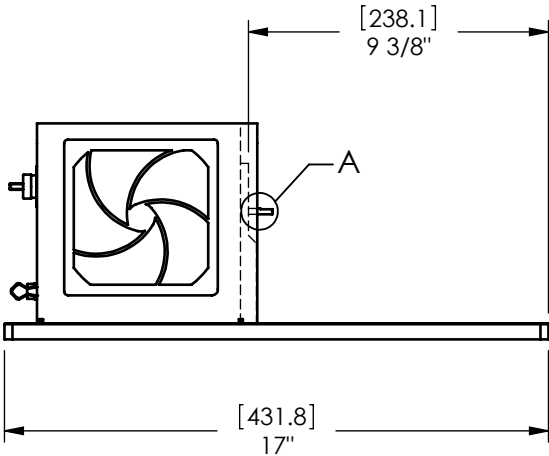
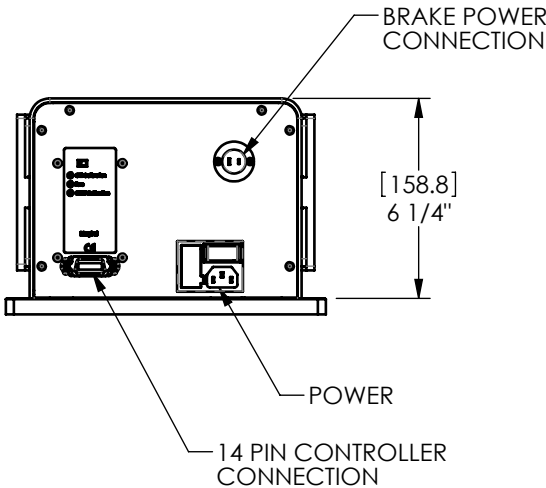
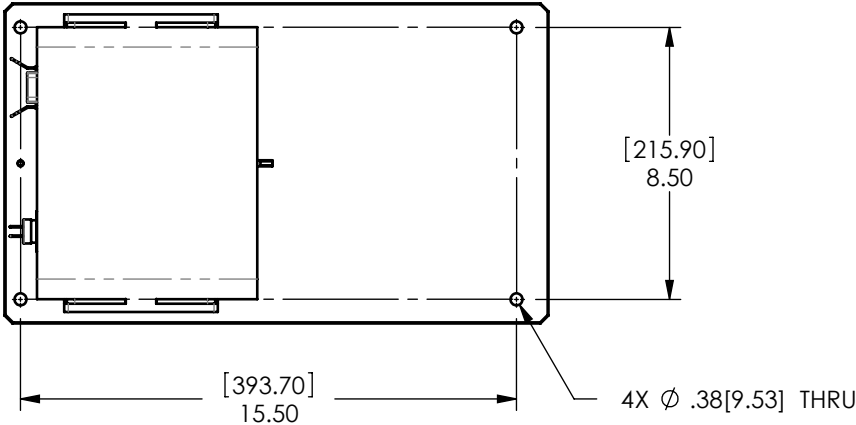
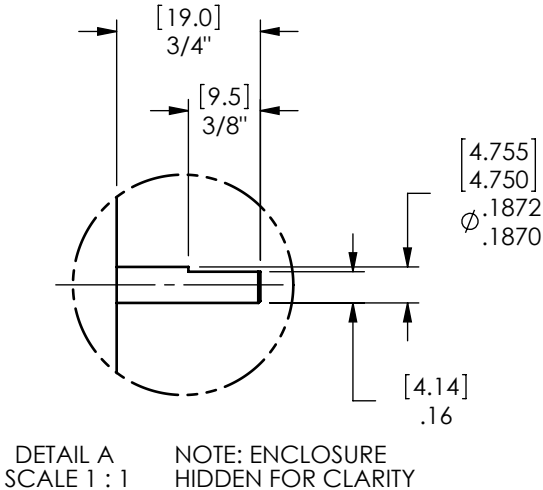
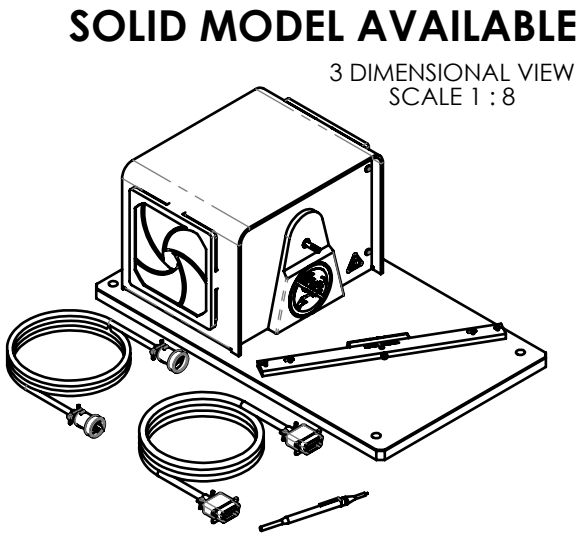


| MODEL      | TORQUE MEASURE UNIT CODE (-XXX) | STOCK CODE | MAXIMUM TORQUE RANGE | DRAG TORQUE DE-ENERGIZED AT 1000 RPM | NOMINAL INPUT INERTIA    |                         | MAXIMUM POWER    |                    | MAXIMUM SPEED (RPM) | COOLING    | FAN DESCRIPTION |
|------------|---------------------------------|------------|----------------------|--------------------------------------|--------------------------|-------------------------|------------------|--------------------|---------------------|------------|-----------------|
|            |                                 |            |                      |                                      | ( lb•ft•s <sup>2</sup> ) | ( kg•m <sup>2</sup> )   | 5-MINUTE (Watts) | CONTINUOUS (Watts) |                     |            |                 |
| HD-100-XXX | 5N                              | 006629     | 0.080 N m            | 0.64 mN m                            | 3.40 x 10 <sup>-6</sup>  | 4.61 x 10 <sup>-6</sup> | 75               | 20                 | 25,000              | CONVECTION | 115V            |
|            | 5NA                             | 006630     |                      |                                      |                          |                         |                  |                    |                     |            | 220V            |
|            | 6N                              | 004001     | 11.00 oz in          | 0.09 oz in                           |                          |                         |                  |                    |                     |            | 115V            |
|            | 6NA                             | 004004     |                      |                                      |                          |                         |                  |                    |                     |            | 220V            |
|            | 7N                              | 004002     | 800 g cm             | 6.5 g cm                             |                          |                         |                  |                    |                     |            | 115V            |
|            | 7NA                             | 004005     |                      |                                      |                          |                         |                  |                    |                     |            | 220V            |
|            | 8N                              | 004003     | 80.0 mN m            | 0.64 mN m                            |                          |                         |                  |                    |                     |            | 115V            |
|            | 8NA                             | 004006     |                      |                                      |                          |                         |                  |                    |                     |            | 220V            |

SOLID MODEL AVAILABLE

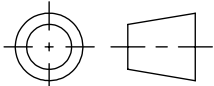
3 DIMENSIONAL VIEW  
SCALE 1 : 8





NOTE: DIMENSIONS IN [ ] ARE MILLIMETERS.

INSTALLATION DRAWING

|                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                               |              |          |                                                                                                                                                                      |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| MATERIAL:<br><br>-                                                                                                                                                                                                     | DESIGN                                                                                                                                                                                                                                                                                                                                                        | -            | -        |  <b>MAGTROL INC.</b><br>70 GARDENVILLE PKWY, W.<br>BUFFALO, NEW YORK 14224-1322 |          |
|                                                                                                                                                                                                                        | DRAWN                                                                                                                                                                                                                                                                                                                                                         | JEF          | 08/16/10 |                                                                                                                                                                      |          |
| FINISH:<br><br>-                                                                                                                                                                                                       | CHECKED                                                                                                                                                                                                                                                                                                                                                       | AJC          | 08/25/10 | TITLE:<br><br>HD-100 DYNAMOMETER                                                                                                                                     |          |
|                                                                                                                                                                                                                        | UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN INCHES<br>DIAMETERS CONCENTRIC: .003 TIR<br>FACES PERPENDICULAR: .003<br>INTERPRETATION PER ASME<br>Y14.5M-1994<br>REMOVE ALL BURRS AND BREAK<br>SHARP EDGES .005/.010 X 45°<br>INSIDE CORNERS TO BE R .02 MAX<br>TOLERANCES:<br>.XX ± .01 X/Y ± 1/64"<br>.XXX ± .005 ANG ± 1°<br>SURFACE FINISH 125 RMS MAX |              |          |                                                                                                                                                                      |          |
| THIRD ANGLE PROJECTION<br>                                                                                                        |                                                                                                                                                                                                                                                                                                                                                               |              |          | USED ON: -<br><br>SIMILAR TO: -                                                                                                                                      |          |
| THIS DRAWING AND SPECIFICATION<br>CONTAINS PROPRIETARY INFORMATION<br>TO MAGTROL INC. ANY DISCLOSURE<br>OR REPRODUCTION OF THIS DOCUMENT<br>WITHOUT WRITTEN AUTHORIZATION FROM<br>MAGTROL INC. IS EXPRESSLY PROHIBITED |                                                                                                                                                                                                                                                                                                                                                               |              |          | DWG NO:<br><br>HD-100                                                                                                                                                | REV<br>A |
|                                                                                                                                                                                                                        | SIZE<br>B                                                                                                                                                                                                                                                                                                                                                     | SCALE<br>1:6 |          |                                                                                                                                                                      |          |