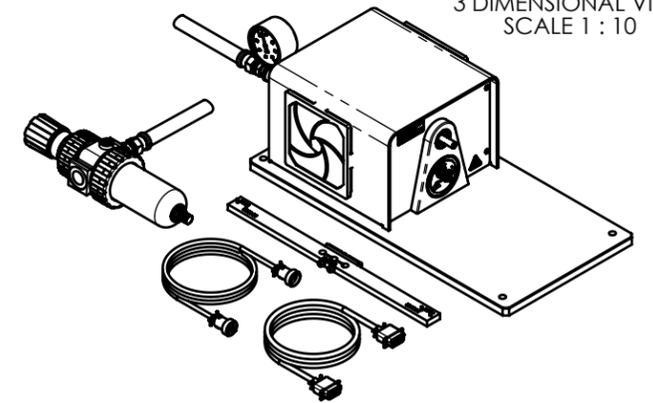


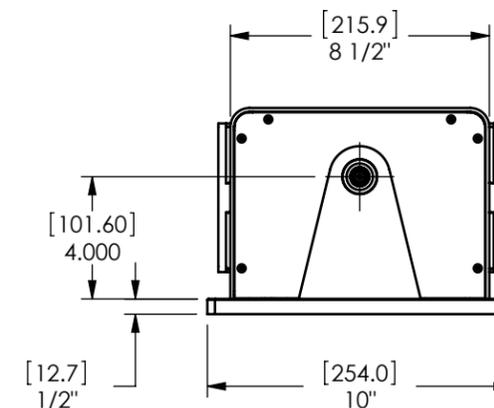
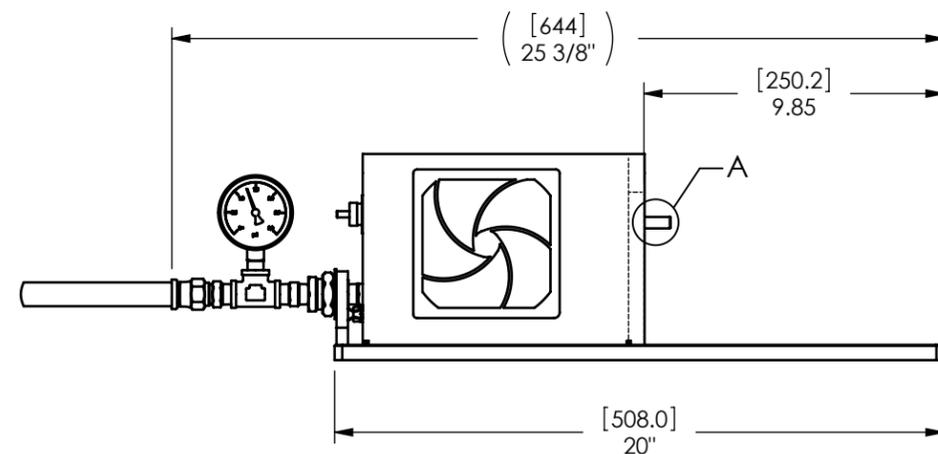
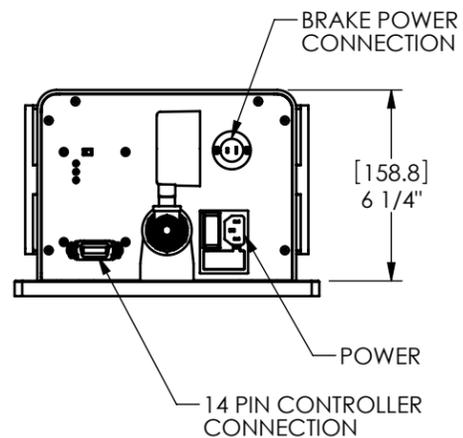
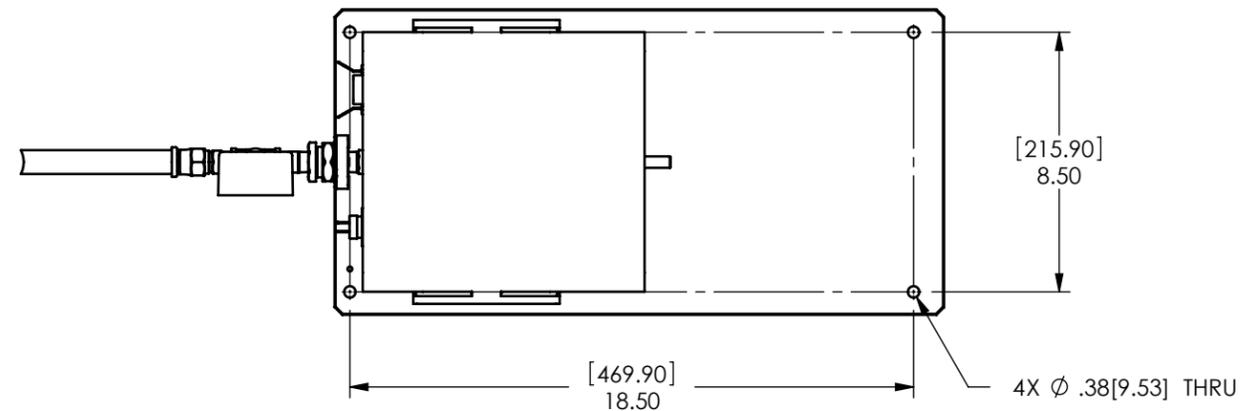
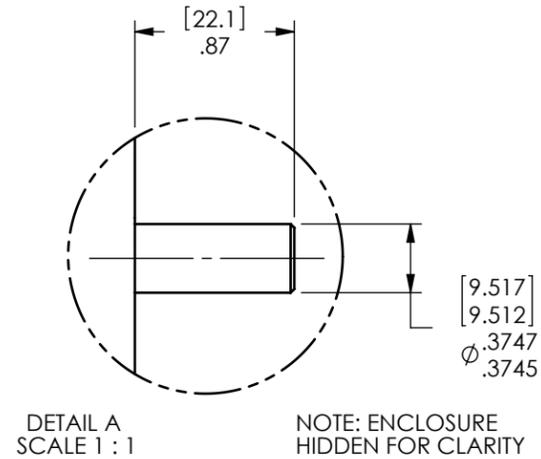
| MODEL      | TORQUE MEASURE UNIT CODE (-XXX) | STOCK CODE | MAXIMUM TORQUE RANGE | DRAG TORQUE DE-ENERGIZED AT 1000 RPM | NOMINAL INPUT INERTIA    |                         | MAXIMUM POWER    |                    | MAXIMUM SPEED (RPM) | COOLING                             | FAN DESCRIPTION |
|------------|---------------------------------|------------|----------------------|--------------------------------------|--------------------------|-------------------------|------------------|--------------------|---------------------|-------------------------------------|-----------------|
|            |                                 |            |                      |                                      | ( lb•ft•s <sup>2</sup> ) | ( kg•m <sup>2</sup> )   | 5-MINUTE (Watts) | CONTINUOUS (Watts) |                     |                                     |                 |
| HD-515-XXX | 5N                              | 006648     | 1.700 N m            | 10 mN m                              | 1.61 x 10 <sup>-4</sup>  | 2.18 x 10 <sup>-4</sup> | 1,500            | 900                | 25,000              | COMPRESSED AIR*<br>(10 CFM @ 4 PSI) | 115V            |
|            | 5NA                             | 006649     |                      |                                      |                          |                         |                  |                    |                     |                                     | 220V            |
|            | 6N                              | 005700     | 240.0 oz in          | 1.0 oz in                            |                          |                         |                  |                    |                     |                                     | 115V            |
|            | 6NA                             | 005701     |                      |                                      |                          |                         |                  |                    |                     |                                     | 220V            |
|            | 7N                              | 005702     | 17.0 kg cm           | 0.1 kg cm                            |                          |                         |                  |                    |                     |                                     | 115V            |
|            | 7NA                             | 005703     |                      |                                      |                          |                         |                  |                    |                     |                                     | 220V            |
|            | 8N                              | 005704     | 1700 mN m            | 10 mN m                              |                          |                         |                  |                    |                     |                                     | 115V            |
|            | 8NA                             | 005601     |                      |                                      |                          |                         |                  |                    |                     |                                     | 220V            |

**SOLID MODEL AVAILABLE**

3 DIMENSIONAL VIEW  
SCALE 1 : 10



\* REQUIRES AIR COOLING PROVIDED BY USER. REGULATOR AND FILTER PACKAGE IS PROVIDED AS STANDARD EQUIPMENT.



NOTE: DIMENSIONS IN [ ] ARE MILLIMETERS.

**INSTALLATION DRAWING**

|  |  |     |          |   |
|--|--|-----|----------|---|
| MATERIAL:  | DESIGN   | -   | -        | <p><b>MAGTROL INC.</b><br/>70 GARDENVILLE PKWY, W.<br/>BUFFALO, NEW YORK 14224-1322</p> |
| FINISH:  | DRAWN  | JEF | 01/07/11 |   |
| THIRD ANGLE PROJECTION   | CHECKED  | AJC | 01/13/11 | TITLE:  |
| <p>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</p> | <p>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</p> |     |          | <p>HD-515 DYNAMOMETER</p>   |
|  | <p>SIZE B</p>  |     |          | <p>SCALE 1:6</p>  |
|  |  |     |          | <p>REV C</p>  |