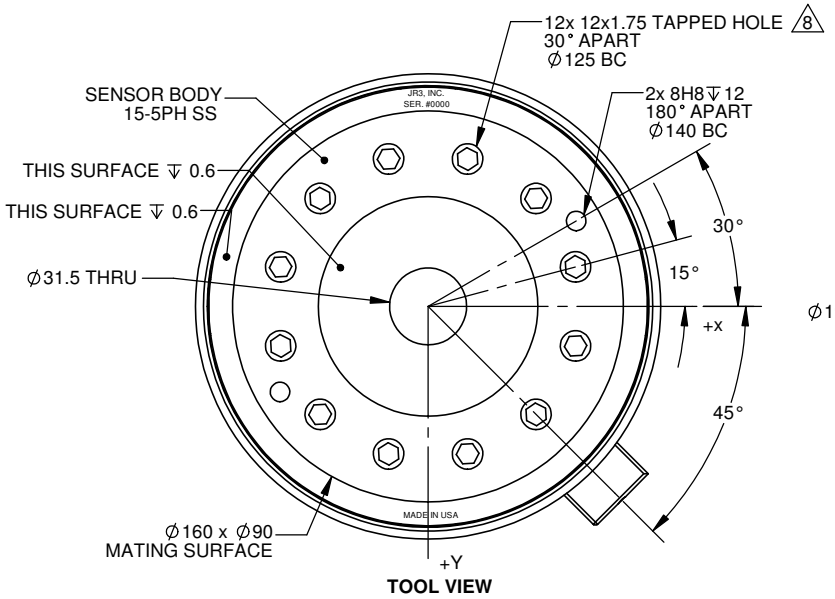
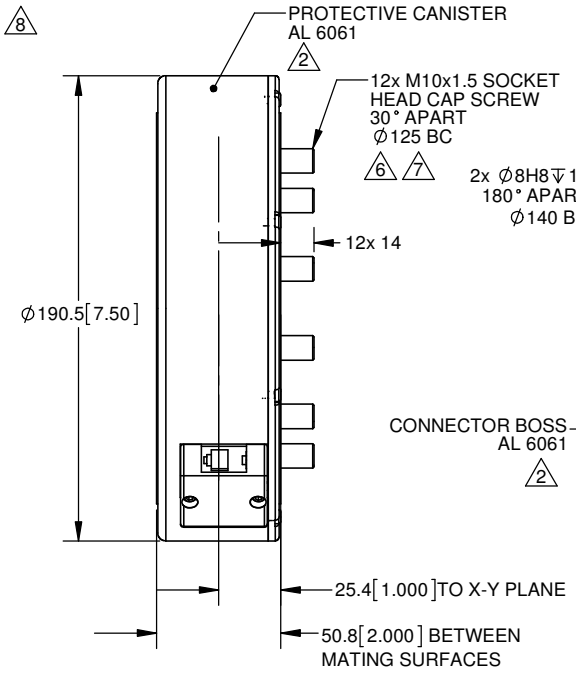
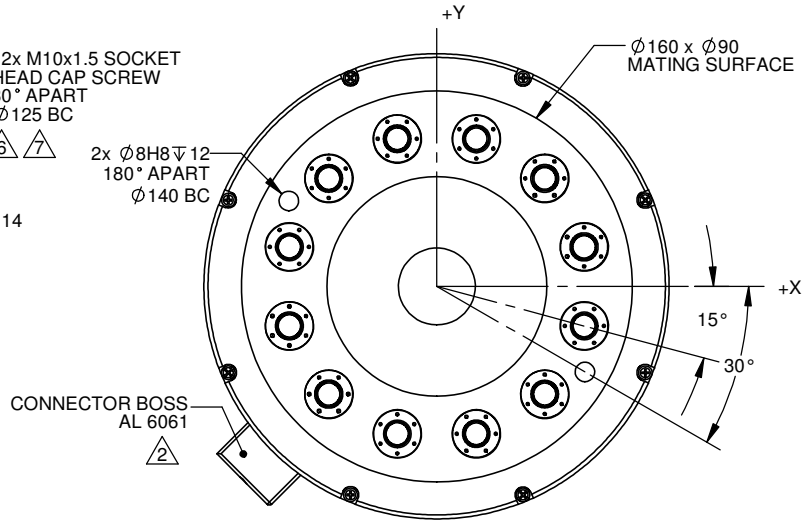
REVISIONS				
REV	DESCRIPTION	REV BY	DATE	APPROVED
-	INITIAL RELEASE	N/A	08/30/16	G. SAKONA



TOOL VIEW





ROBOT VIEW

NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS [in] UNLESS OTHERWISE NOTED.
2. ALUMINUM PARTS ARE ARE ANODIZED BLUE.
3. STANDARD LOAD RATINGS INCLUDE: 3000 AND 6000N (650 AND 1300LB)
   WHERE MECHANICAL FULL SCALES (mFS) FOR EACH AXIS ARE AS FOLLOWS:
   mFS Fx,y = SENSOR LOAD RATING
   mFS Fz = SENSOR LOAD RATING * 2
   mFS Mx,y,z = SENSOR LOAD RATING * SENSOR DIAMETER
4. ELECTRICAL FULL SCALES (eFS) CAN BE FACTORY PRE-SET BETWEEN 25% AND 100% OF mFS.
5. AXES SHOWN ASSUME OPPOSITE SIDE HELD FIXED. ROBOT VIEW IS RIGHT HAND RULE. TENSION GIVES +Fz OUTPUT IN BOTH VIEWS.
6. NOTED SCREWS ARE CAPTIVE, FREE TO ROTATE, AND RETRACTABLE. TIGHTEN WITH HEX KEY THROUGH MOUNTING SCREWHOLES IN SENSOR TOOLSIDE.
7. TORQUE M10 SCREWS TO 65Nm (570in-lb) IN 3 STEPS: SNUG, HALF, FULL, FOLLOWING A SEQUENCE OF EVERY THIRD SCREW.
8. MAXIMUM ALLOWED PENETRATION OF TOOLSIDE MOUNTING SCREWS INTO SENSOR TOOLSIDE IS 16mm.
9. TORQUE M12 SCREWS TO 110Nm (970in-lb) IN 3 STEPS: SNUG, HALF, FULL, FOLLOWING A SEQUENCE OF EVERY THIRD SCREW.
10. CONNECTOR IS 8-PIN MODULAR. USE JR3 CABLE ONLY.

TITLE: INTERFACE, 75E20 SENSOR, M125E, SS, DIGITAL

TOLERANCES: (UNLESS OTHERWISE NOTED) X = ±.25mm, .X = ±.10mm, .XX = ±.025mm, ANGLES = ±0.1°

DWG SIZE: B

DRAWN BY: GCS

SCALE: 1:2

DWG NO: 4977

REV: -

JR3, INC. WOODLAND, CA 95776

SHEET 1 OF 1