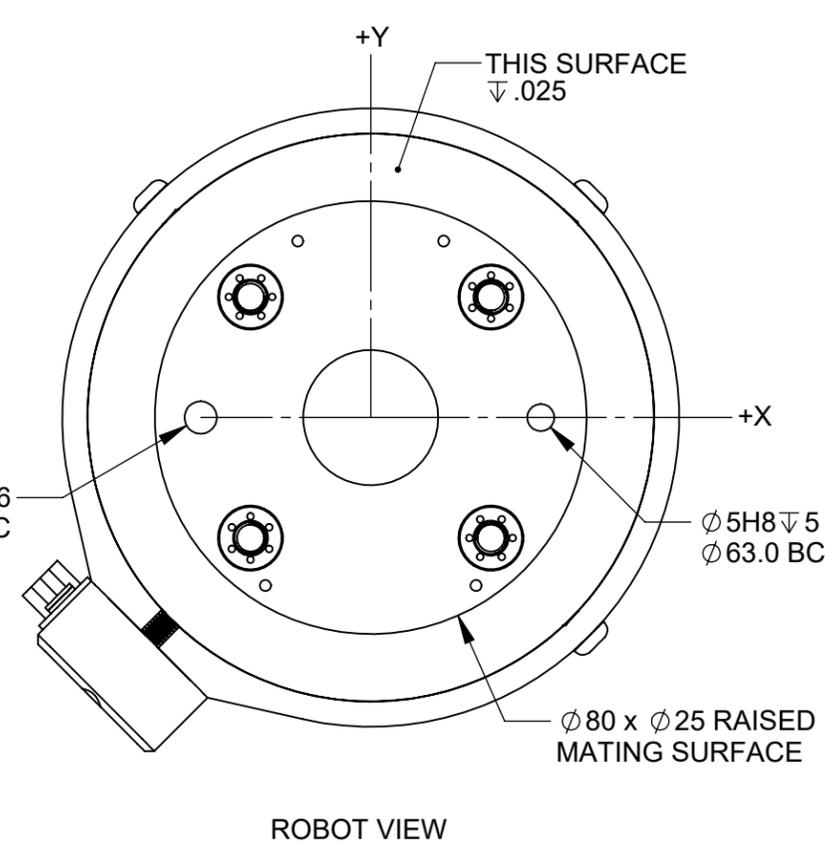
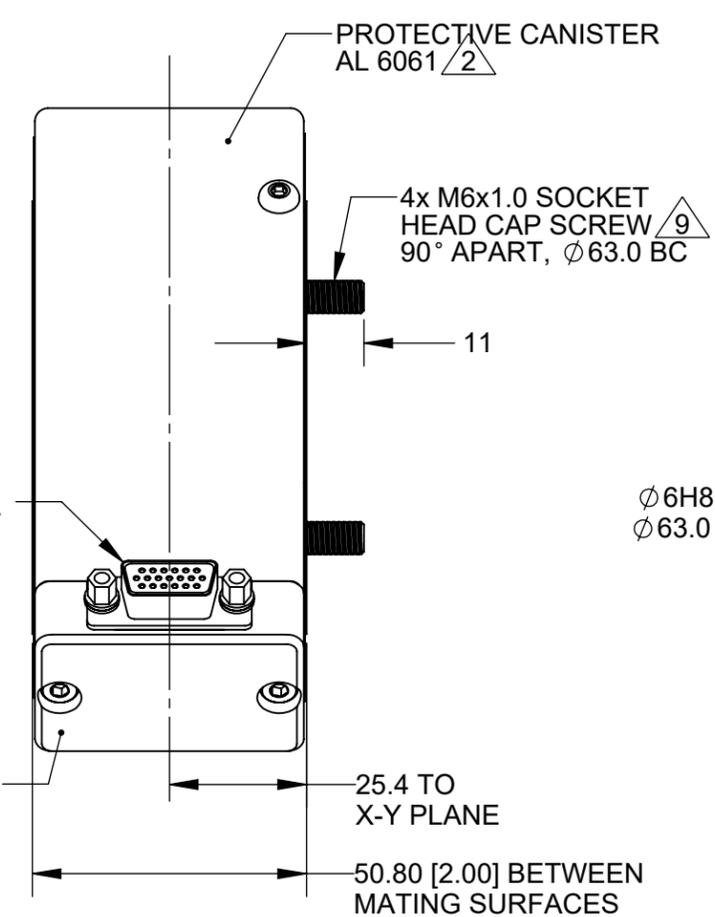
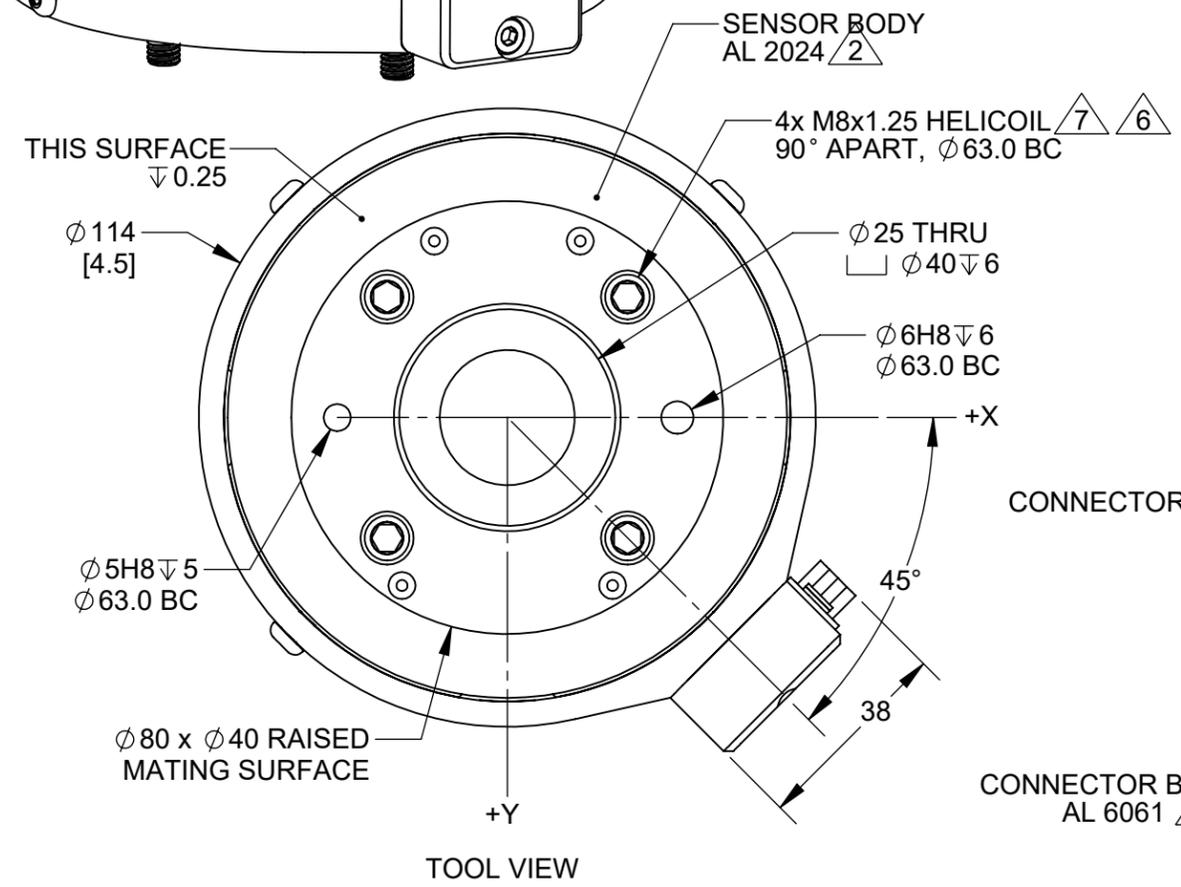
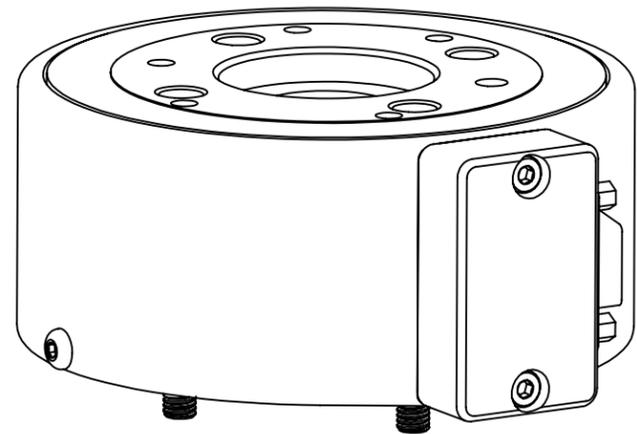


REVISIONS				
REV	DESCRIPTION	REV BY	DATE	APPROVED
-	INITIAL RELEASE	KSN	2020-03-16	G. SAKONA



NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS [in] UNLESS OTHERWISE NOTED.
- ALUMINUM PARTS ARE ANODIZED. BLUE FOR CANISTER & BOSS. BLACK FOR SENSOR BODY
- STANDARD LOAD RATING: 1000N (250LB)
WHERE MECHANICAL FULL SCALES (mFS) FOR EACH AXIS ARE AS FOLLOWS:
 mFS F_{x,y} = SENSOR LOAD RATING
 mFS F_z = SENSOR LOAD RATING * 2
 mFS M_{x,y,z} = SENSOR LOAD RATING * SENSOR DIAMETER
- ELECTRICAL FULL SCALES (eFS) CAN BE FACTORY PRE-SET BETWEEN 25% AND 100% OF mFS.
- F_x AND F_y ASSUME OPPOSITE FACE IS HELD FIXED. F_z OUTPUT IS ALWAYS POSITIVE FOR TENSION. M_x, M_y, M_z OUTPUTS ALWAYS FOLLOW RIGHT HAND RULE.
- TORQUE M8 MOUNTING SCREWS TO 24Nm (210in-lb) IN 3 STEPS: SNUG, HALF, FULL, FOLLOWING A SEQUENCE OF 1-3-2-4.
- REQUIRED PENETRATION OF M8 MOUNTING SCREWS INTO SENSOR IS 12-20mm.
- CONNECTOR IS DE19P FOR SENSORS WITH EXTERNAL ELECTRONICS, DE9P WITH INTERNAL ANALOG ELECTRONICS.
- NOTED SCREWS ARE CAPTIVE, FREE TO ROTATE AND RETRACTABLE INTO SENSOR. TIGHTEN WITH HEX KEY THROUGH MOUNTING HOLES IN SENSOR TOOLSIDE. TORQUE TO 13Nm (120in-lb) IN 3 STEPS: SNUG, HALF, FULL, FOLLOWING A 1-3-2-4 SEQUENCE.

TITLE: INTERFACE, 45E20 SENSOR, M63J BOLT PATTERN			
TOLERANCES: (UNLESS OTHERWISE NOTED)	X = ±.25mm .X = ±.10mm .XX = ±.025mm ANGLES = ±0.1°	DWG SIZE: B	DRAWN BY: K. NIELSEN
		SCALE: 3:4 AND NOTED	DWG NO: 48015
		CAGE CODE: 1CRZ8	REV: -
JR3, INC.		WOODLAND, CA 95776	SHEET 1 OF 1