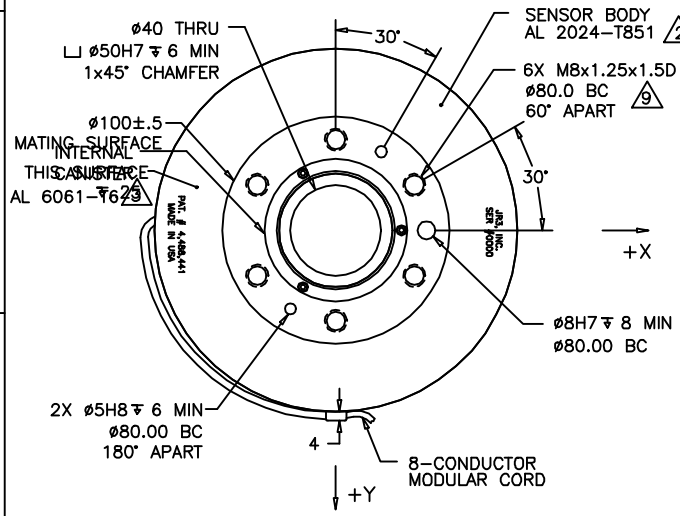
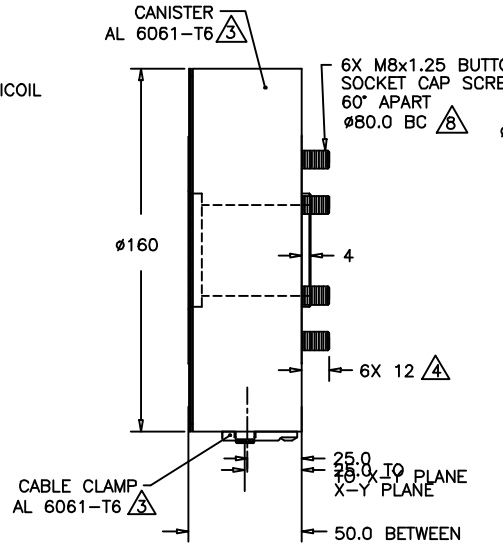
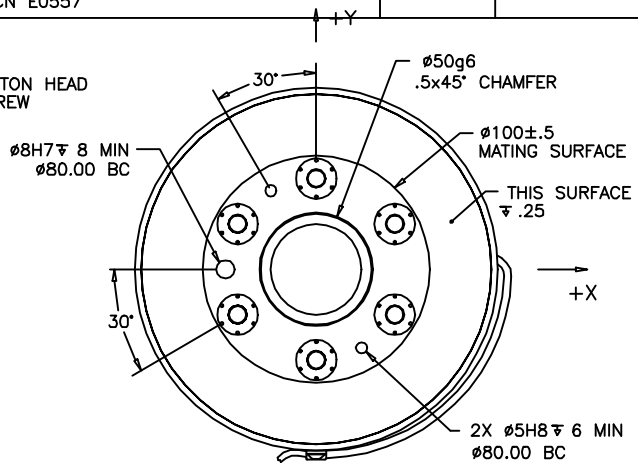
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
–	INITIALLY RELEASED AS DWG 4831	06/20/94	G. SAKONA
A	SEE ECN E0202	08/11/94	G. SAKONA
B	SEE ECN E0226	03/14/95	G. SAKONA
C	SEE ECN E0450	09/18/99	G. SAKONA
D	SEE ECN E0557		



TOOL VIEW





ROBOT VIEW

NOTES:

1. DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
2. TYPE 2, CLASS 2, BLACK ANODIZE.
3. TYPE 2, CLASS 2, BLUE ANODIZE.
4. LENGTH OF CAPTIVE BOLT PROJECTION MAY BE ALTERED PER CUSTOMER REQUEST.
5. AXES SHOWN ASSUME OPPOSITE SIDE HELD FIXED.
6. ROBOT VIEW IS RIGHT HAND RULE (JR3 STANDARD). THIS FORCES TOOL VIEW TO BE LEFT HAND RULE.
7. AVAILABLE LOAD RATINGS INCLUDE: 200, 400, 630, AND 1000N (50, 100, 150 AND 250lb), WHERE:
   FULL SCALE Fx, Fy = LOAD RATING
   FULL SCALE Fz = LOAD RATING * 2
   FULL SCALE Mx, My, Mz = LOAD RATING * NOMINAL DIAMETER (160mm, 6.3in)
8. SCREWS ARE CAPTIVE, FREE TO ROTATE, AND ACCESSIBLE WITH HEX KEY THRU SENSOR TOOL SIDE.
9. MAXIMUM ALLOWABLE SCREW PENETRATION INTO SENSOR TOOL SIDE IS 20mm (.80in).
10. TORQUE SCREWS TO 24Nm (210inlb) IN 3 EQUAL STEPS FOLLOWING AN A–C–E–B–D–F SEQUENCE.

TITLE: INTERFACE, 160M50 SENSOR, I80 BOLT PATTERN

MAT'L: AS SHOWN

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

MODEL: 160M50A–I80

DRAWN: GCS

SCALE: 1/2 AND NOTED

DWG SIZE: B

DWG NO: 3816

REV: D

SHEET 1 OF 1

JR3 INC. WOODLAND, CA 95776