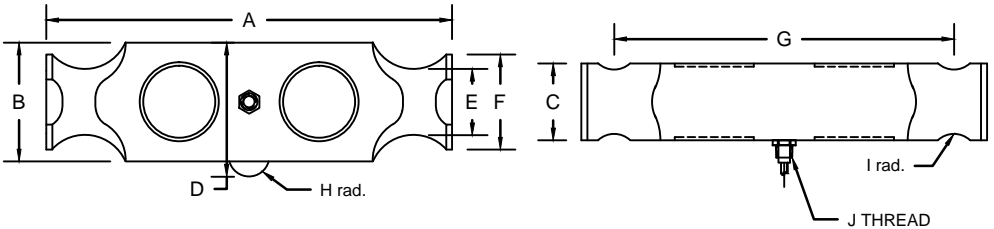


REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
-	-	INITIAL RELEASE	10/01/08	-	-	-	-
-	C	REDRAWN FOR LABELING CONSISTENCY	12/15/15	2016-45	TB	AB	AA

- PERFORMANCE SPECIFICATIONS:
- CAPACITIES: 25K, 40K, 50KSE, 50K, 60KSE, 60K, 75KSE, 75K, 100K, & 125K LB
  - RATED OUTPUT: 3.00 mV/V  $\pm$ 0.1%
  - SAFE OVERLOAD: 150% FS
  - EXCITATION VOLTAGE: 10-20V AC/DC
  - INPUT RESISTANCE: 700  $\pm$ 10 OHMS
  - OUTPUT RESISTANCE: 700  $\pm$ 5 OHMS
  - ZERO BALANCE:  $\pm$ 1.00% FS
  - SEAL TYPE: ENVIRONMENTALLY SEALED, IP67
  - NON-LINEARITY:  $\pm$ 0.03% FS
  - HYSTERESIS:  $\pm$ 0.02% FS
  - REPEATABILITY:  $\pm$ 0.01% FS
  - CREEP:  $\pm$ 0.02% FS
  - NTEP RATED
  - CLASS 111L 10,000 DIVISION, MULTIPLE CELL
  - COMPENSATED TEMPERATURE RANGE: -10°C - +40°C
  - TEMPERATURE EFFECT ON ZERO:  $\pm$ 0.0027%/FS/°C
  - TEMPERATURE EFFECT ON OUTPUT:  $\pm$ 0.0015%/FS/°C
  - INSULATION RESISTANCE: >5000 MEGOHMS
  - LOAD CELL CABLE: 4 CONDUCTOR, 50 FT BRAIDED SHIELD
  - LOAD CELL WIRING:
    - GREEN +EXC
    - BLACK -EXC
    - WHITE +SIG
    - RED -SIG
    - BRAID/YELLOW: SHEILD
  - FM APPROVED



RATED CAPACITY	DIMENSIONS									
	A	B	C	D	E	F	G	H	I	J
25K-75KSE	8.25	2.44	1.94	2.97	1.63	2.00	7.25	0.50	0.50	1/4-18NPT
50K-75K	11.50	2.94	1.94	3.47	1.70	2.20	10.00	1.00	0.75	1/2-14NPT
100K-125K	14.50	3.86	2.90	4.68	2.44	3.20	12.50	1.50	1.00	1/2-14NPT

"DO NOT ALTER WITHOUT AGENCY NOTIFICATION"

COTI GLOBAL SENSORS, INC.

CG-BE40 DOUBLE ENDED BEAM NTEP LOAD CELL

	THIS DRAWING USES THIRD ANGLE PROJECTION	APPROVALS	DATE
	<small>THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE REPRODUCED OR DISCLOSED FOR ANY PURPOSE OR USED TO PRODUCE THE ARTICLE OR SUBJECT WITHOUT WRITTEN PERMISSION FROM COTI GLOBAL SENSORS, INC.</small>	DRAWN: MTSI	10/01/08
		CHECKED: MB	10/01/08
		ENGINEER: AA	10/01/08
<small>TOLERANCES UNLESS OTHERWISE SPECIFIED XX-±.01 .XXX±.005 FRACTIONS-±1/16" ANGLES: ±1/2°</small>	APPROVED: AA	10/01/08	
	MATERIAL	ALLOY STEEL	

SCALE	SIZE	PART/DRAWING NO.	REV.
NONE	B	DOD-CG-BE40	C
MODEL	CG-BE40	SHEET	1 OF 1