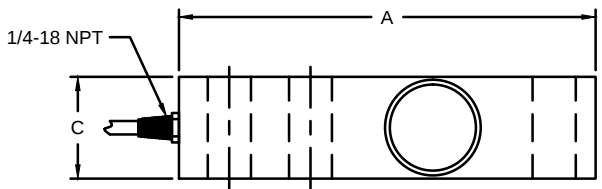
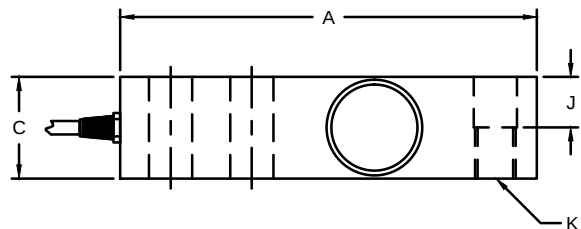
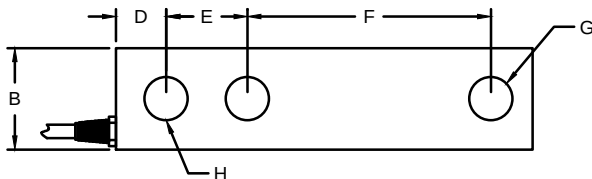
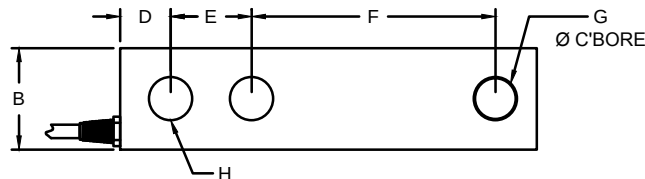


REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECR	BY	CKD	APVD
-	D	REDRAWN FOR LABELING CONSISTENCY	01/02/16	2016-20	TB	AB	AA
	E	Updated C Dimension on 15K and 20K	7/27/17	2017-09	AB	AT	AA



CG-23-SS THREADED LOAD HOLE

CG-23-SS-1 NON-THREADED LOAD HOLE

RATED CAPACITY	DIMENSIONS									
	A	B	C	D	E	F	G	H	J	K
250LB - 750LB	5.12	1.25	1.25	0.62	1.00	3.00	0.53	0.53	0.62	1/2-20 UNF
1K - 5KSE	5.12	1.25	1.25	0.62	1.00	3.00	0.53	0.53	0.62	1/2-20 UNF
5KLE - 10K	6.75	1.50	1.50	0.75	1.50	3.75	0.78	0.78	0.75	3/4-16 UNF
15K - 20K	8.88	2.00	2.00	1.00	2.00	4.88	1.03	1.03	1.00	1-14 UNF

PERFORMANCE SPECIFICATIONS:

- CAPACITIES: 250LB, 500LB, 750LB, 1K, 1.5K, 2K, 2.5K, 4K, 5KSE, 5KLE, 10K, 15K, 20K.
- RATED OUTPUT: 3.00 mV/V $\pm 0.25\%$.
- SAFE OVERLOAD: 150% FS.
- EXCITATION VOLTAGE: 10V AC/DC (15V MAX).
- INPUT RESISTANCE: 385 $\pm 10\Omega$.
- OUTPUT RESISTANCE: 350 $\pm 3\Omega$.
- 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 IN 30 MINUTES.
- NTEP RATED.
- CLASS III, 5,000 DIVISION, MULTIPLE CELL.
- COMPENSATED TEMPERATURE RANGE: -10°C TO +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: 4-24AWG, Ø5.6MM, PVC, 20FT.
- LOAD CELL WIRING:
GRN (+EXC)
BLK (-EXC)
WHT (+SIG)
RED (-SIG)
BRAID/YELLOW: SHIELD
- FM APPROVED.

DO NOT ALTER WITHOUT AGENCY NOTIFICATION

COTI GLOBAL SENSORS, INC.

CG - 23 - SS
NTEP LOAD CELL

		THIS DRAWING USES THIRD ANGLE PROJECTION		APPROVALS DRAWN: RLU 06/15/15 CHECKED: AA 06/15/15 ENGINEER: JSP 06/15/15 APPROVED: AA 06/15/15		DATE		COTI GLOBAL SENSORS, INC.			
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				NTP LOAD CELL							
				SCALE: NONE		SIZE: B		PART/DRAWING NO: DOD-CG-23-SS		REV. E	
				FINISH: PASSIVATED		MODEL: CG-23-SS		SHEET: 1 OF 1			