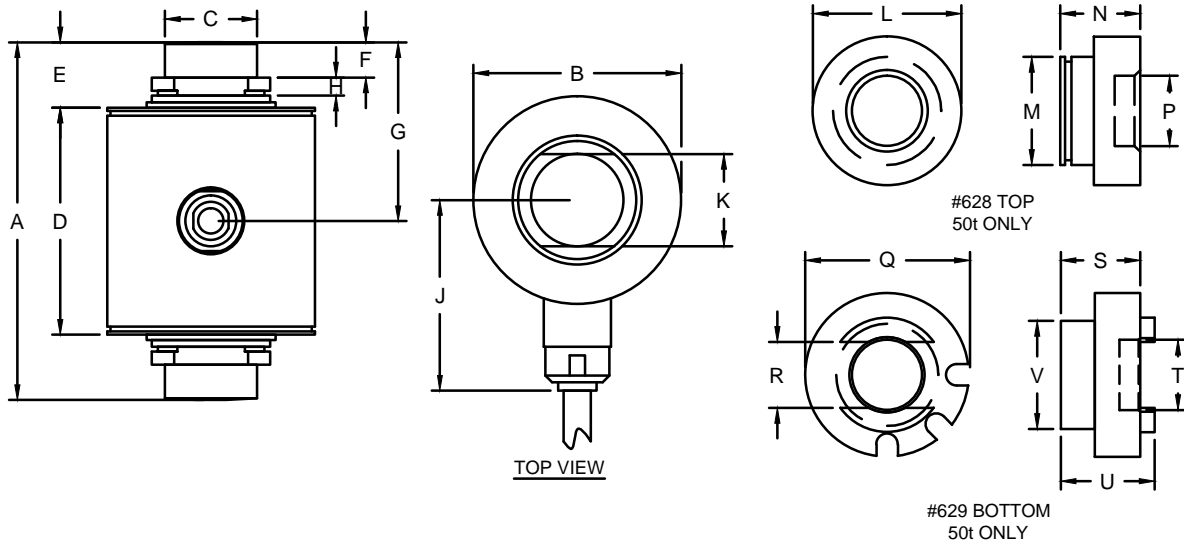


REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
-	E	REDRAWN FOR CATALOG	4/28/15	2015-29	RLU	JSP	AA

PERFORMANCE SPECIFICATIONS:

- CAPACITIES: 22.5t, 30t, 40t, 50t (METRIC TON).
- RATED OUTPUT: 2.00 mV/V $\pm 0.25\%$.
- SAFE OVERLOAD: 150% FS.
- EXCITATION VOLTAGE: 10V AC/DC (15V MAX).
- INPUT RESISTANCE: 1150 $\pm 10\Omega$.
- OUTPUT RESISTANCE: 1000 $\pm 5\Omega$.
- ZERO BALANCE: $\pm 1.00\%$ FS.
- SEAL TYPE: HERMETICALLY SEALED IP68.
- 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 IIIIL, 10,000 DIVISION, MULTIPLE CELL.
- COMPENSATED TEMPERATURE RANGE: 0°C - 30°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: 4-22AWG, $\varnothing 6.8\text{MM}$, BRAIDED, 50FT.
- LOAD CELL WIRING:
GRN (+EXC)
BLK (-EXC)
WHT (+SIG)
RED (-SIG)
YELLOW: SHIELD
- FM APPROVED.



RATED CAPACITY	DIMENSIONS																			
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V
22.5t	3.50	2.56	1.10	1.60	0.91	0.43	1.75	0.24	2.63	1.10	-	-	-	-	-	-	-	-	-	-
30t	5.51	2.95	1.54	3.19	1.10	0.51	2.75	0.26	2.86	1.54	-	-	-	-	-	-	-	-	-	-
40t	5.91	2.95	1.54	3.19	1.30	0.51	2.95	0.46	2.86	1.54	-	-	-	-	-	-	-	-	-	-
50t	7.01	3.90	1.73	4.22	1.34	0.67	3.50	0.33	3.38	1.73	3.74	2.72	2.01	1.77	4.13	1.81	2.01	1.77	2.36	2.72

DO NOT ALTER WITHOUT AGENCY NOTIFICATION

COTI GLOBAL SENSORS, INC.

CG -26S6
NTEP LOAD CELL

SCALE: NONE SIZE: B PART/DRAWING NO: DOD-CG-26S6 REV: E

MODEL: CG- SHEET: 1 OF 1

APPROVALS		DATE
DRAWN: RLU	CHECKED: AA	04/28/15
ENGINEER: JSP	APPROVED: AA	04/28/15
MATERIAL: STAINLESS STEEL		
FINISH: PASSIVATED		

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TOLERANCES UNLESS OTHERWISE SPECIFIED
 .XX = ± 0.02 "
 .XXX = ± 0.005 "
 .XXXX = ± 0.0002 "
 FRACTIONS: $\pm 1/16$ "
 ANGLES DEG: $\pm 1/8$