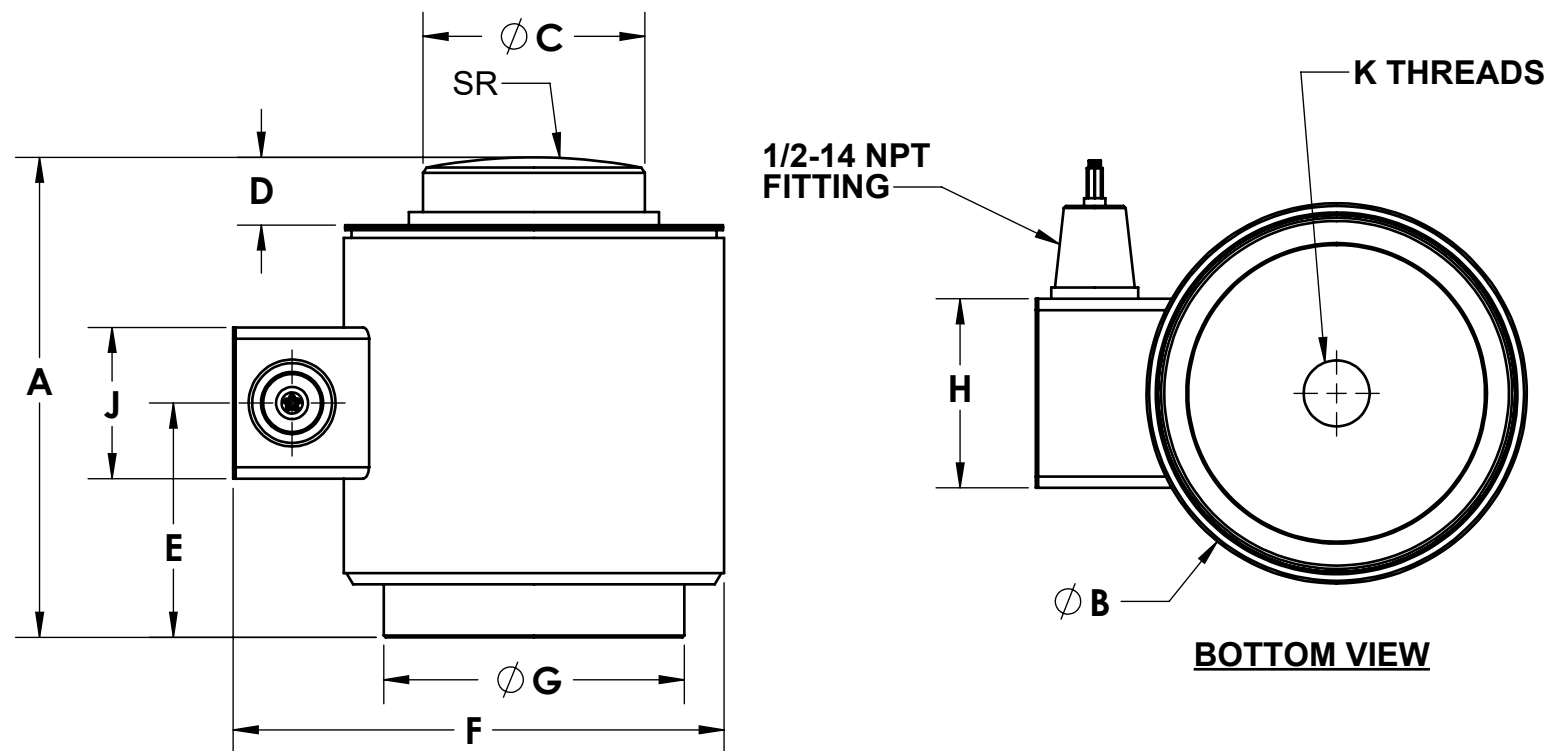




RATED CAPACITY: lb(† or kg)	DIMENSIONS: lb(† or kg)										
	A	B	C	D	E	F	G	H	J	K	SR
10K-50K (25†)	3.25 (82.6)	2.88 (73.2)	1.25 (31.8)	0.40 (10.2)	1.58 (40.1)	4.08 (103.6)	2.28 (57.9)	1.57 (39.9)	1.57 (39.9)	1/2-20UNF x 0.31 DEEP	5.0 (127.0)
100K (50†)	5.00 (127.0)	4.12 (104.6)	2.31 (58.7)	0.51 (13.0)	2.45 (62.2)	5.13 (130.6)	3.25 (82.6)			3/4-16UNF x 0.56 DEEP	
200K-300K (100†-125†)	7.25 (184.2)	6.00 (152.4)	3.13 (79.5)	1.04 (26.4)	3.65 (92.7)	7.07 (179.6)	4.88 (124.0)	1.97 (50.0)	1.97 (50.0)	3/4-16UNF x 0.56 DEEP	16.0 (406.4)
500K	9.00	6.50	3.69	1.00	4.81	7.66	5.37				

REVISIONS					
ZONE	REV.	DESCRIPTION	ECN	DATE	APPROVED
	E	ZERO BALANCE WAS: $\pm 1.0\%$ FS	2024-20	08/12/24	AT

PERFORMANCE SPECIFICATIONS:

1. RATED CAPACITIES, lb(t or kg): 10K, 25K, 50K(25t), 100K(50t), 200K(100t), 300K, 500K
 2. RATED OUTPUT: $2.0 \pm 0.25\%$ mV/V AT IMPERIAL RATED CAPACITY AND METRIC EQUIVALENT.
 3. SAFE OVERLOAD: 150% FS.
 4. EXCITATION VOLTAGE: 10V AC/DC (20V MAX).
 5. INPUT RESISTANCE: $450 \pm 10\Omega$.
 6. OUTPUT RESISTANCE: $480 \pm 5\Omega$.
 7. ZERO BALANCE: +2% FS.
 8. SEAL TYPE: ENVIRONMENTALLY SEALED IP67
 9. NON-LINEARITY: $\pm 0.05\%$ FS.
 10. HYSTERESIS: $\pm 0.03\%$ FS.
 11. REPEATABILITY: $\pm 0.01\%$ FS.
 12. CREEP: $\pm 0.02\%$ LOAD IN 30 MINUTES.
 13. OIML/NTEP CLASS: C3(R.C. 25t-125t)/IIIL, 10M(25K-250K)
 14. V_{min} (%RC): $0.011(C3)/0.004(IIIL, 10M)$
 15. COMPENSATED TEMPERATURE RANGE: -10°C TO +40°C
 16. TEMPERATURE EFFECT ON ZERO $\pm\%$ FS/5°C: 0.0077(C3); 0.0090(IIIL, 10M)*
 17. TEMPERATURE EFFECT ON OUTPUT $\pm\%$ FS/5°C: 0.0075
 18. INSULATION RESISTANCE: 5000 MEGOHMS AT 50VDC
 19. LOAD CELL CABLE: 4-24 AWG, ϕ 5.6mm, PVC, 50FT OR PER S/O
 20. LOAD CELL WIRING: GRN(+EXC), BLK(-EXC), WHT(+SIG), RED(-SIG), BRAIDED/YELLOW: SHIELD
 21. FM APPROVED
- NON-COMMERCIAL**
* 0.0135 %FS/5°C



DO NOT ALTER WITHOUT
AGENCY NOTIFICATION

Coti Global Sensors
MANUFACTURING
Weighing Products Worldwide

OUTLINE DIMENSIONS

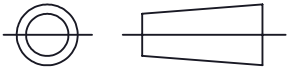
APPROVALS	NAME	DATE
DRAWN	JSP	10/18/23
CHECKED	AT	10/18/23
ENGINEER	JSP	10/18/23
APPROVED	AT	10/18/23

MATERIAL: STAINLESS STEEL

FINISH: PASSIVATED

SIZE B	DWG. NO. DOD-CG-26S5	REV E
SCALE: 1:2	WEIGHT:	SHT 1 OF 1

REF:DOD-CG-26S3



THIS DRAWING
USES THIRD
ANGLE PROJECTION

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.

TOLERANCES: in(mm)
X.X: $\pm 0.1(2.5)$
X.XX: $\pm 0.02(0.5)$
X.XXX: $\pm 0.010(0.3)$

APPROVALS	NAME	DATE
DRAWN	JSP	10/18/23
CHECKED	AT	10/18/23
ENGINEER	JSP	10/18/23
APPROVED	AT	10/18/23

MATERIAL: STAINLESS STEEL

FINISH: PASSIVATED