

LKCP 410 - COMPACT LOAD CELL

Model LKCP 410 load cell is designed for low cost production and testing applications (i.e. press calibration). Engineered for compression up to 50k. It achieves a minimum non-linearity of $\pm 0.5\%$ full scale. Precision gaging techniques and a stainless steel construction provide excellent long-term stability and reliability under severe operating conditions.

- **TENSION/COMPRESSION**
- **ECONOMICAL/ACCURATE**
- **STAINLESS STEEL**
- **WIDE CAPACITY RANGE**
- **25 LB TO 50,000 LB**

SPECIFICATIONS

LOAD RANGES:	25 lb to 50,000 lb
LINEARITY: 25-250	$\pm 0.5\%$ F.S.
500-50,000	$\pm 0.5\%$ F.S.
HYSTERESIS: 25-250	$\pm 0.5\%$ F.S.
500-50,000	$\pm 0.30\%$ F.S.
REPEATABILITY:	$\pm 0.1\%$ F.S.
MATERIAL:	Stainless Steel
TEMPERATURE RANGE:	60° to 160° F
OUTPUT:	2 mv/v
BRIDGE RESISTANCE:	350 ohms
EXCITATION:	10 Vdc
SAFE OVERLOAD:	50% over Capacity
CABLE: 25-250	Teflon 10 ft
500-50,000	Teflon 5 ft

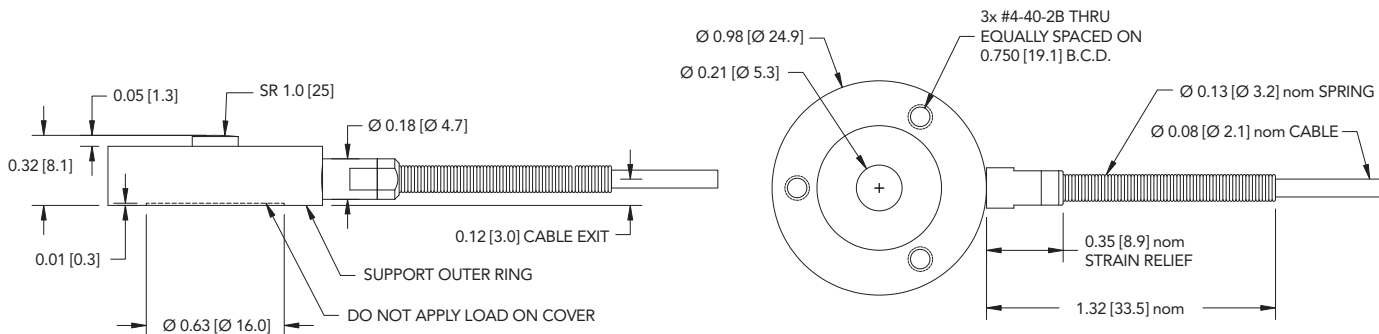
COMPRESSION ONLY



AVAILABLE RANGES	D1"	D2"	H"	L"	L1"	L2"	L3"	A"	B"	C"
25;50;100 lb	0.98	0.21	0.32	0.05	0.35	1.32	0.12	4-40 UNC	Thru-Hole	0.75
250 lb	1.23	0.32	0.39	0.05	0.41	1.20	0.14	6-32 UNC	Thru-Hole	1.00
500;1000;2000 lb	1.25	0.32	0.39	0.07	—	1.85	0.12	6-32 UNC	0.25	1.00
3,000;4,000;5,000;7,500 lb	1.50	0.43	0.63	0.08	—	1.85	0.14	6-32 UNC	0.25	1.25
10,000 lb	1.50	0.43	0.63	0.08	—	1.85	0.14	6-32 UNC	0.25	1.25
15,000;20,000;30,000 lb	2.00	0.60	1.00	0.12	—	1.76	0.23	6-32 UNC	0.25	1.62
50,000 lb	3.00	0.78	1.50	0.18	—	1.76	0.25	6-32 UNC	0.25	2.37

DIMENSIONS

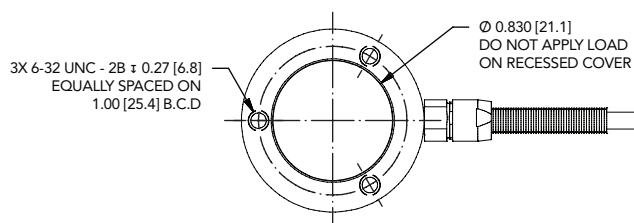
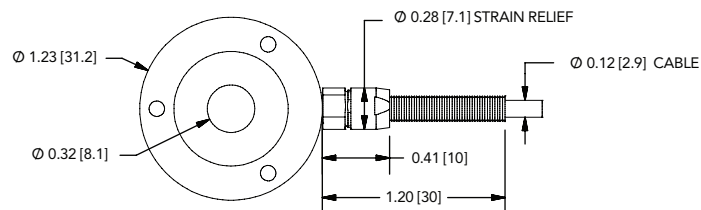
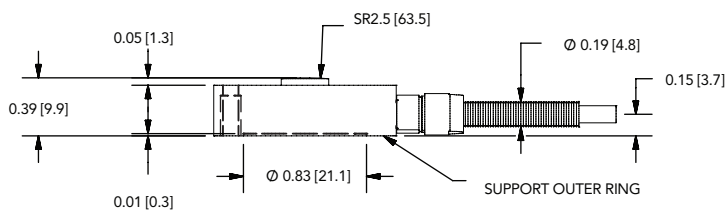
Capacities 25 to 50 Lbs



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DIMENSIONS

Capacities 100 to 250 Lbs



DIMENSIONS

Capacities 500 to 50,000 Lbs

