

HIGH ACCURACY "S" BEAM LOAD CELLS



LCCA-50
and LCCA-2K
Shown actual size.

Tension/Compression
0-25 to 0-20,000 lb

LCCA Series



- ✓ Environmentally Protected for Washdown Applications
- ✓ Corrosion Resistant
- ✓ Calibration Certificate Supplied
- ✓ 0.25% Interchangeable

SPECIFICATIONS

Rated Output: 3mV/V (± 0.0075 mV/V actual output supplied with each load cell)

Excitation: 10 Vdc (15 Vdc maximum)

Accuracy: 0.037% Full Scale

Linearity: 0.03% FS

Hysteresis: 0.02% FS

Repeatability: 0.01% FS

Zero Balance: 1% FS

Creep in 20 min: 0.03% FS

Operating Temperature: 0 to 150°F

Compensated Temperature: 0 to 150°F

Thermal Effects: Zero - 0.0015% FS/°F
Span - 0.0008% RDG/°F

Maximum Load: Safe, 150%;
Ultimate, 300%

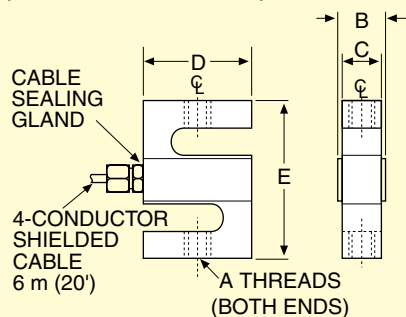
Bridge Resistance: 350 Ω nominal

Full Scale Deflection: 0.010 in to 0.020 in

Construction: Nickel Plated Carbon Steel

Cable: 6 m (20') 4-conductor shielded
22-gage wire

(DIMENSIONS IN INCHES)



CAPACITY	A	B	C	D	E
25-200	¼-28	.65	.50	2.00	2.50
250	⅜-24	.75	.50	2.00	3.00
500-750 1,000-2,000	½-20	1.00	.75	2.00	3.00
3,000	⅝-20	1.25	1.00	2.00	3.00
5,000	¾-16	1.25	1.00	3.00	4.25
10,000	¾-16	1.25	1.00	3.50	4.75
15,000	1-14	1.50	1.25	4.00	5.50
20,000	1¼-12	2.25	2.00	5.00	7.00

WIRING (TENSION)

RED: +INPUT
BLACK: -INPUT
GREEN: +OUTPUT
WHITE: -OUTPUT

To Order

MODEL NO.	RATED CAPACITY	DEFL	WT	COMPATIBLE METERS	LOAD BUTTON MODEL	ROD END MODEL
LCCA-25	25 lb	.015	2 lb	002-S, DP460-S, DP25-S	LBC-014	REC-014M
LCCA-50	50 lb	.015	2 lb	002-S, DP460-S, DP25-S	LBC-014	REC-014M
LCCA-100	100 lb	.010	2 lb	DP3002-S, DP460-S, DP25-S	LBC-014	REC-014M
LCCA-150	150 lb	.010	2 lb	DP3002-S, DP460-S, DP25-S	LBC-014	REC-014M
LCCA-200	200 lb	.010	2 lb	DP3002-S, DP460-S, DP25-S	LBC-014	REC-014M
LCCA-250	250 lb	.010	2 lb	DP41-S, DP3002-S, DP25-S	LBC-038	REC-038M
LCCA-500	500 lb	.010	2 lb	DP41-S, DP3002-S, DP25-S	LBC-012	REC-012M
LCCA-750	750 lb	.010	2 lb	DP41-S, DP3002-S, DP25-S	LBC-012	REC-012M
LCCA-1K	1000 lb	.012	2 lb	DP41-S, DP3002-S, DP25-S	LBC-012	REC-012M
LCCA-2K	2000 lb	.012	3 lb	DP41-S, DP3002-S, DP25-S	LBC-012	REC-012M
LCCA-3K	3000 lb	.012	3 lb	DP41-S, DP87	LBC-012	REC-012M
LCCA-5K	5000 lb	.017	3.5 lb	DP41-S, DP87	LBC-034	REC-034M
LCCA-10K	10000 lb	.017	3.5 lb	DP41-S, DP87	LBC-034	REC-034M
LCCA-15K	15000 lb	.017	6 lb	DP41-S, DP87	LBC-100	REC-100M
LCCA-20K	20000 lb	.017	13 lb	DP41-S, DP87	—	REC-114M

Ordering Example: LCCA-1K is a 1,000 lb capacity load cell.