

LKCP 478/479/480/481 - DONUT LOAD CELL

Model LKCP 478/479/480/481 are donut shaped load cells, and are an economical answer for applications requiring a through-hole design. Such applications include bolt force measurement, post or leg mount and rolling mill systems. These models are used in compression applications. For optimum performance these models must be mounted between load surfaces which are flat and parallel. The extremely low profile and compact design, combined with their all stainless steel construction and environmental protection have a proven reliability in tough industrial applications.

- **COMPRESSION ONLY**
- **THRU-HOLE DESIGN**
- **STAINLESS STEEL**

SPECIFICATIONS

LOAD RANGES:	3000 lb to 150,000 lb
ACCURACY:	±0.5% F.S.
LINEARITY:	±0.5% F.S.
REPEATABILITY:	±0.1% F.S.
MATERIAL:	Stainless Steel
TEMPERATURE RANGE:	60° to 160° F
OUTPUT:	2 mV/V
BRIDGE RESISTANCE:	350 ohm
EXCITATION:	10 Vdc
SAFE OVERLOAD:	150% of Capacity
CABLE:	5 ft.



DIMENSIONS		O.D	H
LKCP 478	3000 to 50,000	1.50	1.50
LKCP 479	75,000 to 100,000	2.50	2.50
LKCP 480	75,000 to 100,000	3.00	2.00
LKCP 481	150,000	3.00	3.00

AVAILABLE INSIDE DIAMETERS

Capacity	.50"	.75"	1.26"	1.51"
3000	X			
5000	X			
10,000	X	X		
20,000	X			
25,000		X		
50,000		X		
75,000			X	
100,000			X	
150,000				X

