

FUTEK MODEL LTH350 (SPECIAL)

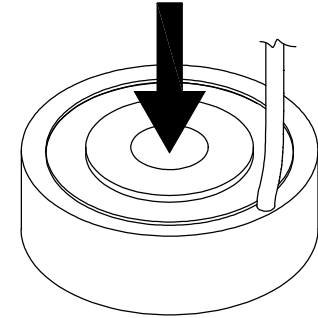
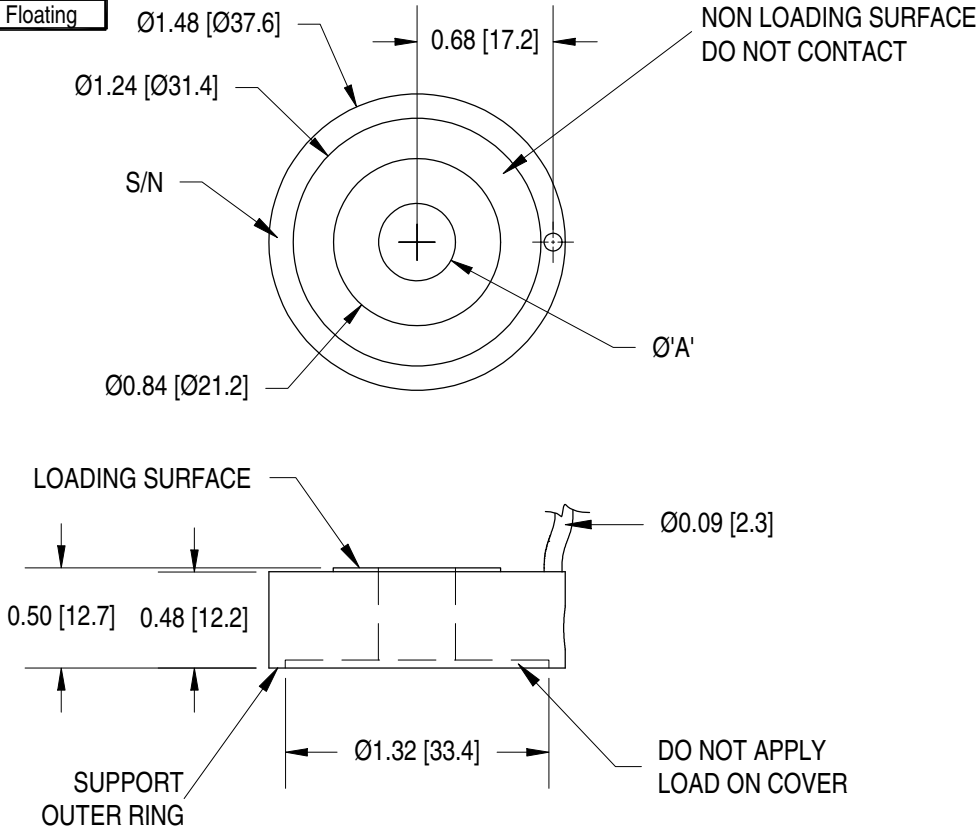
ITEM NUMBER: SEE CHART

DONUT LOAD CELL WITH TOP EXITING CABLE (PREVIOUSLY L2761-Q10589)

INCH (mm) | R.O.= Rated Output

WIRING CODE			
+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE
Shield			
Floating			

**+ OUTPUT
(COMPRESSION)**



SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.
CAPACITY	See Chart
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±1% of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	700 Ω nom.
NONLINEARITY	±1% of R.O.
HYSTERESIS	±1% of R.O.
NONREPEATABILITY	±1% of R.O.
TEMP. SHIFT ZERO	±0.005% of R.O./°F [0.01% of R.O./°C]
TEMP. SHIFT SPAN	±0.005% of LOAD/°F [0.01% of LOAD/°C]
COMPENSATED TEMP.	60 to 160°F [15 to 72°C]
OPERATING TEMP.	-60 to 200°F [-50 to 93°C]
WEIGHT	3.5 oz [99 g]
MATERIAL	17-4PH S.S.
DEFLECTION	0.002 [0.05] nom.

CABLE: #29 AWG, 4 Conductor, Spiral Shielded Silicone Cable (See Chart) ft Long

NOTE:

WHILE TORQUING BOLTS, HIGH TENSION FORCES WILL OCCUR DURING INSTALLATION, WHICH COULD RESULT IN OVERLOADING THE SENSOR. FUTEK RECOMMENDS CONNECTING SENSOR TO A SYSTEM IN ORDER TO MONITOR THE APPLIED FORCES. FUTEK IS NOT LIABLE OR RESPONSIBLE FOR THE MISHANDLING OF THE SENSOR DURING INSTALLATION.

ITEM #:	lb	NEWTON	$\varnothing A$	CABLE LENGTH
QSH00821	500	2200	0.385 [9.8]	2 [0.61 m]
QSH01354	250	1100	0.635 [16.1]	2 [0.61 m]
QSH01377	500	2200	0.635 [16.1]	5 [1.5 m]

CUSTOMER APPROVAL-COMPANY

CUSTOMER APPROVAL-NAME /DATE

REVISIONS: (Refer to dwg # revision sheet)

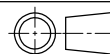
- 12-03-09
- 2-1-10
- 2-3-10

OUTLINE DRAWING

STANDARD NOTES: (Unless Otherwise Specified)

- ALL DIMENSIONS ARE IN INCHES
- DRAWING INTERPRETATION DIMS. PER ASME-Y14.5M
- REMOVE BURRS AND BREAK SHARP EDGES .005 - .015
- THREADS PER HANDBOOK H-28
- DIMENSIONS ARE SHOWN AFTER PLATING

3rd ANGLE PROJ.



ANGLE:

±1/2°

CHAMFER:

±5°

TOLERANCE:

.X ±0.1
.XX ±0.01
.XXX ±0.005

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CAGE: 1X8M6

MODEL: **LTH350**

DRAWN BY: R. Walker

APPROVED BY: H. AU

DWG No.: **F01147-C**

CHECKED BY: -

DATE: **Sept. 13, 2009**