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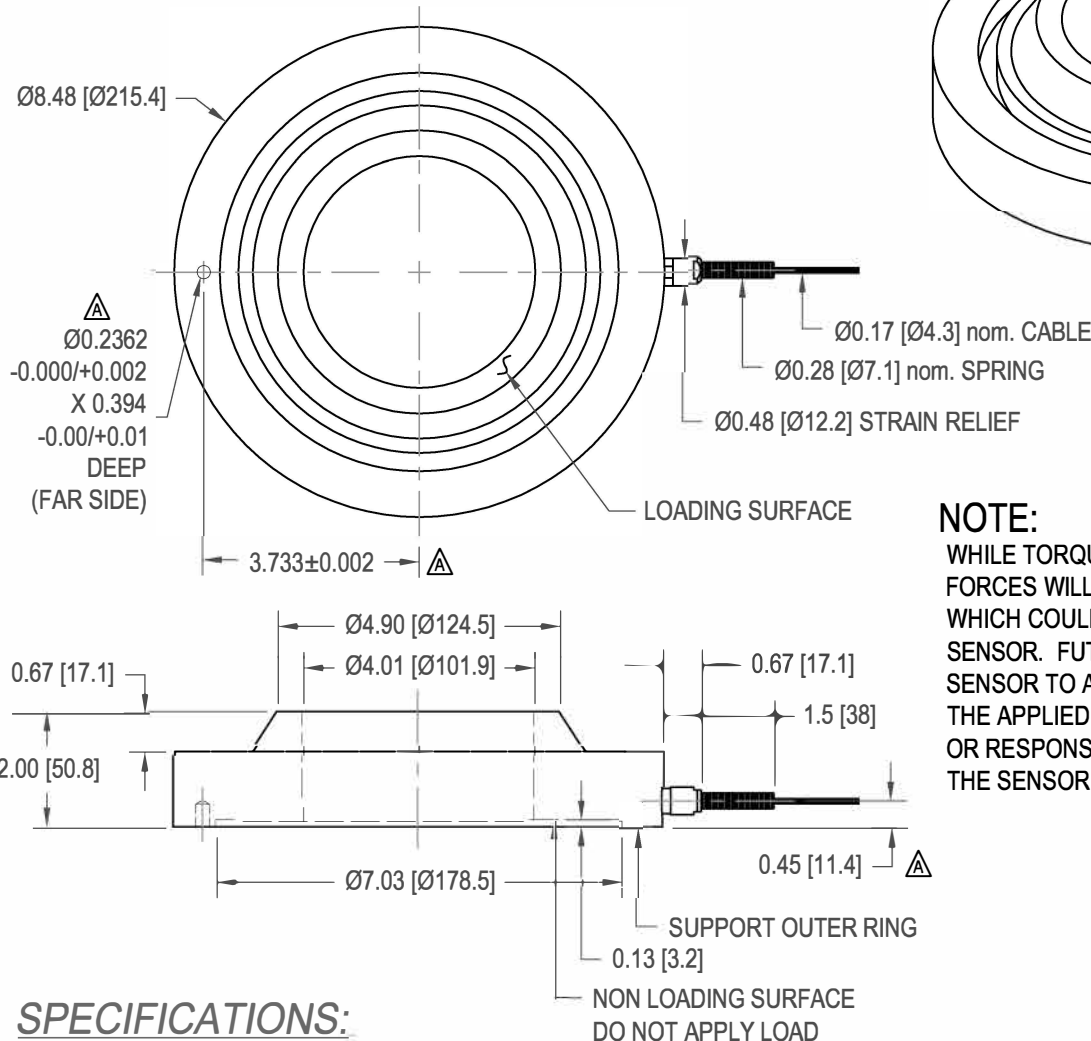
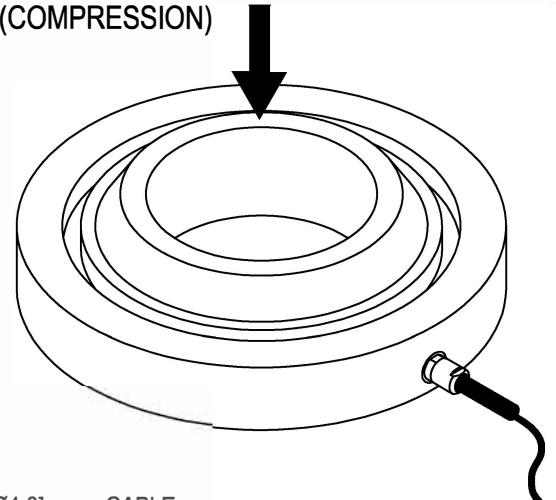
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FUTEK MODEL QLA267 CUSTOM COMPRESSION LOAD CELL

STOCK NUMBER: QSH00763

INCH (mm)		R.O.= Rated Output	
WIRING CODE (WC1)			
+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE
+ Sense	- Sense	Shield	
ORANGE	BLUE	FLOATING	

+OUTPUT
(COMPRESSION)



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.

SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.	TEMP. SHIFT ZERO	$\pm 0.02\%$ of R.O./°F
CAPACITY	60K lbs Δ	TEMP. SHIFT SPAN	$\pm 0.02\%$ of LOAD/°F
SAFE OVERLOAD	150% of R.O.	COMPENSATED TEMP.	60 to 160°F
ZERO BALANCE	$\pm 2\%$ of R.O.	OPERATING TEMP.	0 to 200°F
EXCITATION (VDC OR VAC)	18 MAX	WEIGHT	16 lbs
BRIDGE RESISTANCE	Δ 700 Ω nom.	MATERIAL	STAINLESS STEEL
NONLINEARITY	Δ $\pm 2\%$ of R.O.	CABLE: #28 AWG, 6 Conductor Braided Shielded Polyurethane Cable, 10 ft.	
HYSTERESIS	Δ $\pm 2\%$ of R.O.		
NONREPEATABILITY	$\pm 0.5\%$ of R.O.		

MATERIAL:

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HEAT TREATMENT - FINISH:

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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

ANGLE:
 $\pm 1/2^\circ$

CHAMFER:
 $\pm 5^\circ$

TOLERANCE:
.X ± 0.1
.XX ± 0.01
.XXX ± 0.005

3rd ANGLE PROJ.



FUTEK

CAGE: 1X8M6

MODEL: **QLA267**

DRAWN BY: H. AU

APPROVED BY: R. WALKER

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DWG No.: **FO1134**

CHECKED BY: J. VARGAS

DATE: **JUN. 2, 2006**

REVISIONS: (Refer to dwg # revision sheet)

Δ 6-15-06

Δ 9-19-06

Δ 11-15-06