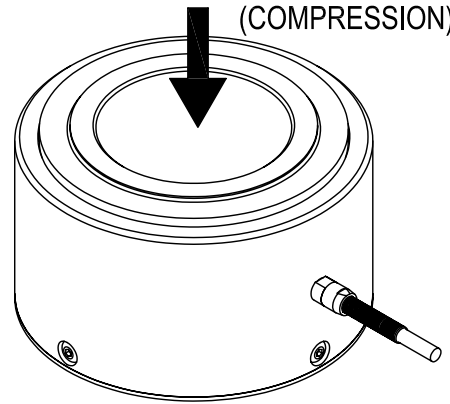
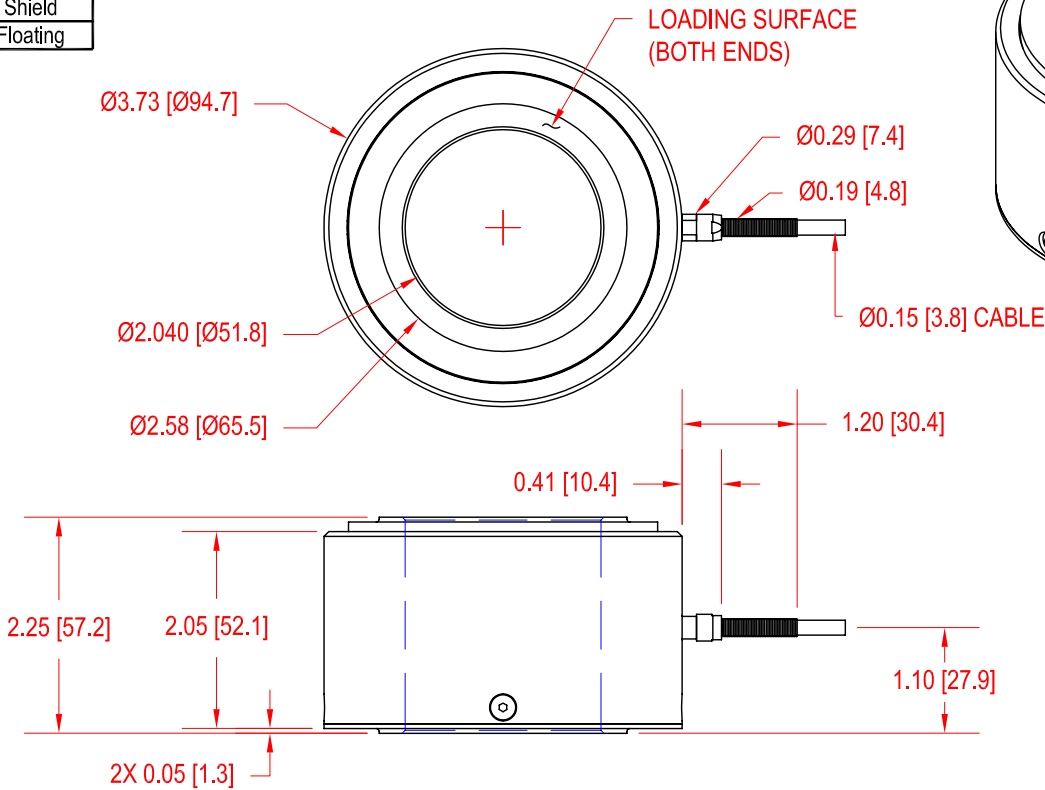


# FUTEK MODEL QLA308 CUSTOM LOAD WASHER LOAD CELL

STOCK NUMBER: QSH01095

INCH [mm]		R.O.= Rated Output	
WIRING CODE			
+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE
Shield			
Floating			

**+OUTPUT**  
(COMPRESSION)



## SPECIFICATIONS:

RATED OUTPUT	1 mV/V nom.
CAPACITY	45000 lb [200 kN]
SAFE OVERLOAD	300% of R.O.
ZERO BALANCE	±3% of R.O.
EXCITATION (VDC OR VAC)	15 MAX
BRIDGE RESISTANCE	350/700 Ω nom
NONLINEARITY	±3% of R.O.
HYSTERESIS	±1% of R.O.
NONREPEATABILITY	±0.5% of R.O.
TEMP. SHIFT ZERO	±0.02% of R.O./°F (0.036% of R.O./°C)
TEMP. SHIFT SPAN	±0.02% of LOAD/°F (0.036% of LOAD/°C)
COMPENSATED TEMP.	60 to 160°F (15 to 72°C)
OPERATING TEMP.	-40 to 200°F (-40 to 93°C)
WEIGHT (approx)	2.2 lb
MATERIAL	17-4ph S.S. (Flexure), Anodized Aluminum (Cover)

▲ CABLE: 24 Awg, 4 Conductor Braided Shielded PVC Cable, 40 ft Long

**DSPM Industria\***  
sensori & trasduttori

Via Paolo Uccello 4 - 20148 Milano

Tel + 39 02 48009 757 Fax + 39 02 48 002 070  
info@dspmindustria.it www.dspmindustria.it

CUSTOMER APPROVAL-COMPANY

## OUTLINE DRAWING

CUSTOMER APPROVAL-NAME /DATE

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:  
±1/2°

CHAMFER:  
±5°

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

3rd ANGLE PROJ.



This drawing is submitted solely for the information and exclusive use of the original addressee. It is not to be divulged in whole or in part, by any firm or individual without written permission from:

**FUTEK**  
ADVANCED SENSOR TECHNOLOGY, INC.

**CAGE: 1X8M6**

MODEL: **QLA308**

DWG No.: **FO1232-A**

DRAWN BY: R. WALKER

CHECKED BY: J. VARGAS

APPROVED BY: -

DATE: **Nov. 26, 2008**

REVISIONS: (Refer to dwg # revision sheet)  
▲ 01-12-09