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FUTEK MODEL QLA246

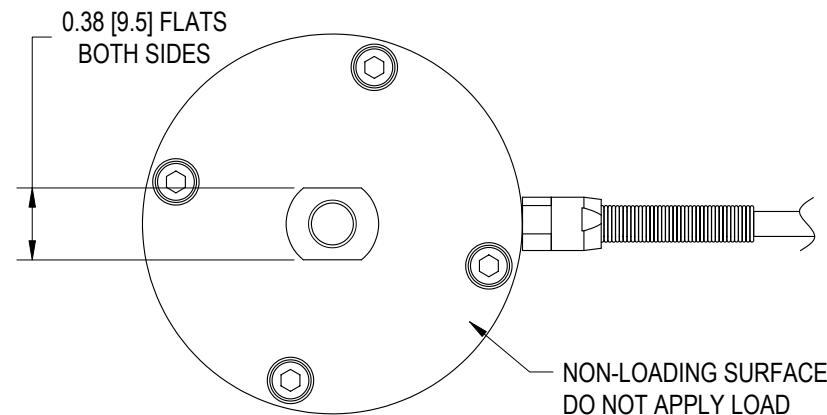
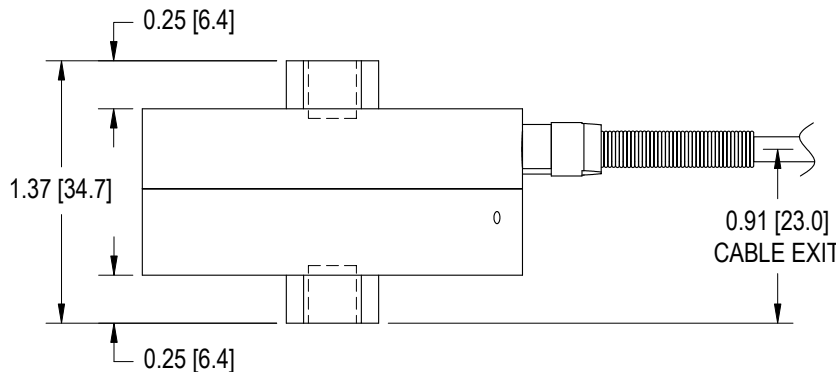
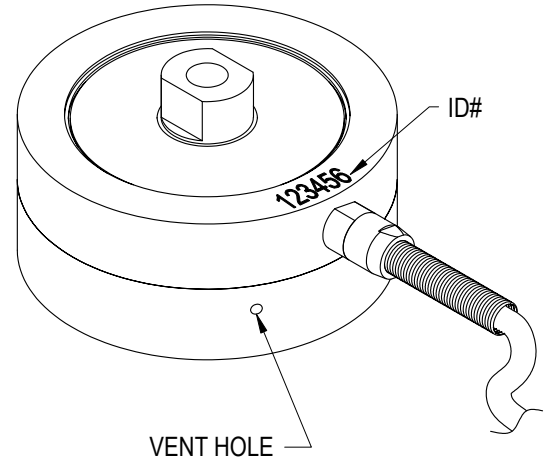
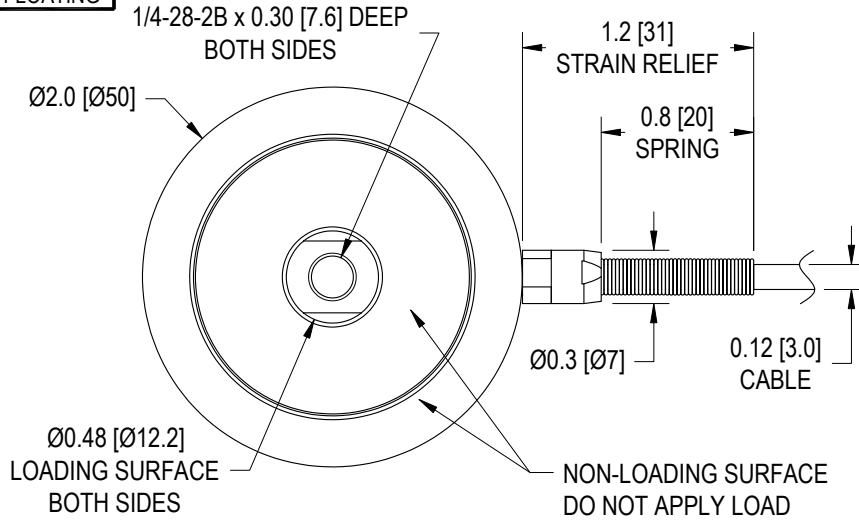
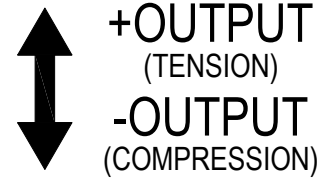
CRYOGENIC TENSION & COMPRESSION LOAD CELL

STOCK NUMBER: QSH00626

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

| WIRING CODE (WC 1) | | | |
|--------------------|-------------|---------|---------|
| +Excitation | -Excitation | +Signal | -Signal |
| RED | BLACK | GREEN | WHITE |

Shield
FLOATING



SPECIFICATIONS:

| | |
|---------------------|--|
| RATED OUTPUT | 1.5 mV/V nom. |
| CAPACITY | 250 N [56.2 lb] |
| SAFE OVERLOAD | 150% of R.O. |
| ZERO BALANCE | ±5% of R.O. |
| EXCITATION | 18 VDC MAX |
| BRIDGE RESISTANCE | 700 Ω nom. |
| NONLINEARITY | ±0.5% 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. | -112 to 104°F (-80 to 40°C) |
| OPERATING TEMP. | -112 to 104°F (-80 to 40°C) |
| NON-OPERATING TEMP. | -211 to 230°F (-135 to 110°C) |
| WEIGHT | 0.5 lb [0.3 kg] |
| MATERIAL | STAINLESS STEEL |
| CABLE: | #26 AWG, 4 CONDUCTOR, BRAIDED SHIELDED, TEFLON CABLE, 5 ft. [1.5 m] LONG |

MATERIAL:

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HEAT TREATMENT - FINISH:

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REVISIONS: (Refer to dwg # revision sheet)

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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:

±1/2°

CHAMFER:

±5°

TOLERANCE:

.X ±0.1

.XX ±0.01

.XXX ±0.005

3rd ANGLE PROJ.



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FUTEK

CAGE: 1X8M6

MODEL: QLA246

DWG No.: FO1109

DRAWN BY: H. AU

CHECKED BY: J. VARGAS

APPROVED BY: R. WALKER

DATE: SEPT. 19, 2005