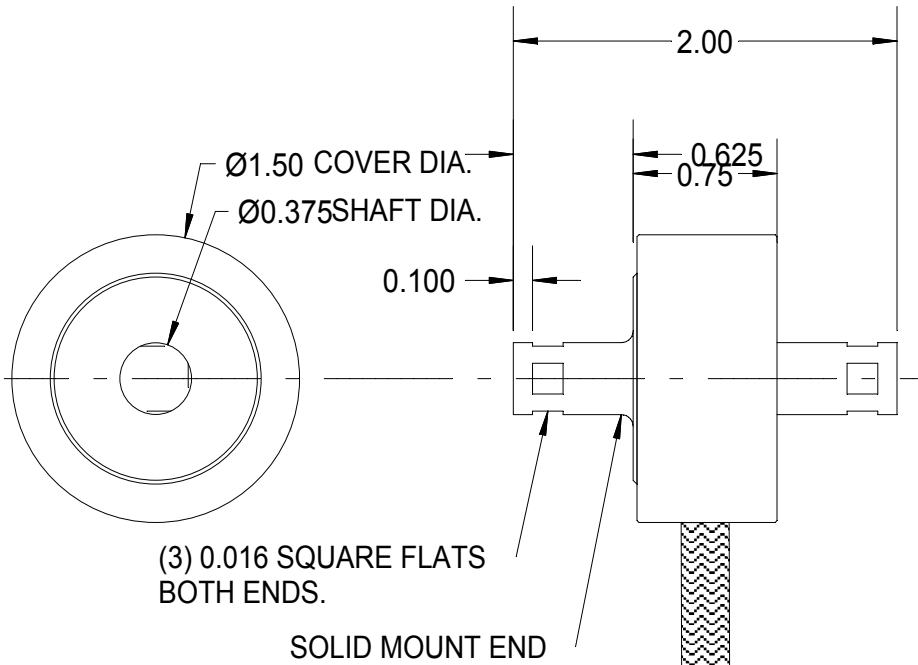


| REV | DATE | DESCRIPTION | ECO | SIGN |
|-----|------|-------------|-----|------|
| | | | | |
| | | | | |



(3) 0.016 SQUARE FLATS
BOTH ENDS.

SOLID MOUNT END

SPECIFICATIONS:

| | |
|---|---------------------------|
| Rated Capacity | 100 inch-pounds |
| Rated Output, typical | 2 mV/V |
| Combined error | 0.1 % F.S. |
| Non-repeatability | 0.05 % F.S. |
| Zero Balance | 1 % R.O. |
| Temperature Range, Compensated | 50 F to 120 F |
| Temperature Effect, Output | 0.0015 % of load / F |
| Temperature Effects, Zero Balance | 0.01 % / R.O. / F |
| Bridge Impedance, Typical | 350 ohms |
| Excitation Voltage, Typical | 10 VDC or VAC rms |
| Excitation Voltage, Maximum | 15 VDC or VAC rms |
| Insulation Resistance | > 5,000 megohms at 50 VDC |
| Overload, Safe | 150 % over capacity |
| Overload, Ultimate | 200 % over capacity |
| Deflection at Rated Capacity, Approximate | 0.7 ϕ |
| Construction | Aluminum |
| Cable color code: | |
| Green | + Excitation |
| Black | - Excitation |
| White | + Signal |
| Red | - Signal |
| Shield | < 1 OHM at cell |

10 FEET ARMORED HOSE, SENSOR CABLE IS 1 FOOT LONGER.
0.25 INCH HOSE DIAMETER

SPADE LUG (4370-837)

TOLERANCES UNLESS OTHERWISE SPECIFIED:

.XXX = \pm 0.005

.XX = \pm 0.015

.X = \pm 0.025

SCALE: FULL



TOLEDO
TRANSDUCERS,
INC.

Designed By: **Mettert**

Date: **1/26/2000**

Drawn By:

Date:

Approved By:

Date:

Title / Description:
**SS1309-100 in-Lb. REACTION
RADIANT FORCE TRANSDUCER
(NON-ROTATING)**

Dwg. Size:
A

Dwg. Type:
SPEC

Page 1 of 1

Part No. **SS1309-100 in-Lb**

File Name **12225SP.FCD**

Doc. No. **12225**