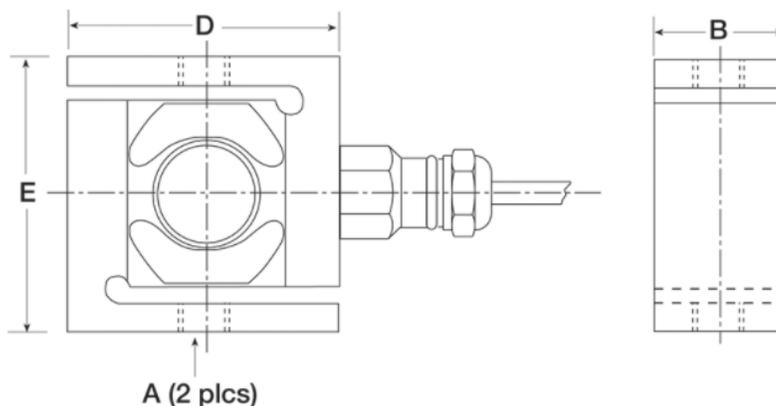
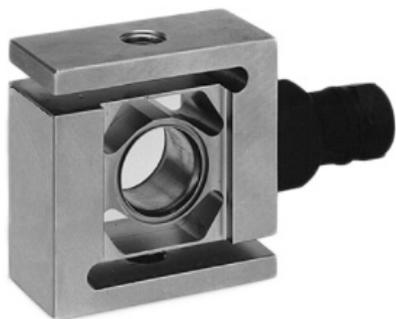


RRS3 S-Beam Load Cell



Dimensions

| Capacity | lb | |
|----------|------------|------------|
| | 225 | 1125 |
| A | 1/2-20 UNF | 1/2-20 UNF |
| B | 1.20 | 1.20 |
| D | 2.42 | 2.42 |
| E | 2.42 | 2.42 |

(All dimensions are in inches)

Wiring Information

| Cable Color Code | |
|------------------|--------------|
| Green | + Excitation |
| Black | - Excitation |
| White | + Signal |
| Red | - Signal |
| Yellow | Shield |

Ordering Information

| Multiple Load Cell Capacities | | |
|-------------------------------|--------------|-------------|
| Capacity (lb) | US | Metric |
| 225 | RRS3-225S-S | RRS3-100M-S |
| 1125 | RRS3-1125S-S | RRS3-500M-S |

Accuracy Specifications

| Accuracy | |
|---------------|-----------------------|
| Non-linearity | ± 0.03% of Full Scale |
| Hysteresis | ± 0.05% of Full Scale |

Load Cell Specifications

| | |
|-----------------------------|--------------------------|
| Zero Balance | ± 2% |
| Safe Overload | to 200% of capacity |
| Rated Excitation | 5-10 VDC (15V Maximum) |
| Full Scale Output | 2.0 mV/V ± 10% |
| Cable Length | 20 ft |
| Input Impedance | 1100 ± 50 ohm |
| Output Impedance | 1000 ± 2 ohm |
| Insulation | 5,000 MΩ |
| Operating Temperature Range | -10°C to 40°C |
| Seal Type | Hermetically sealed IP68 |

Calibration Options

| | |
|------|-------------|
| *C01 | Compression |
| *C02 | Tension |
| *C03 | Universal |

Certifications



Compatible Accessories

Recommended Interfaces



DI-100U/DI-1000U/DI-400U
Digital Load Cell Interface



DI-1000Z/DI-1000WiFi/DI-1000BLE
Wireless Load Cell Interface



AI-1000/AI-1000-CV
Signal Conditioner



RD-1000
Resistive Load Cell Display

Wireless Load Cell Configuration



USB Load Cell Configuration



Analog Load Cell Configuration

