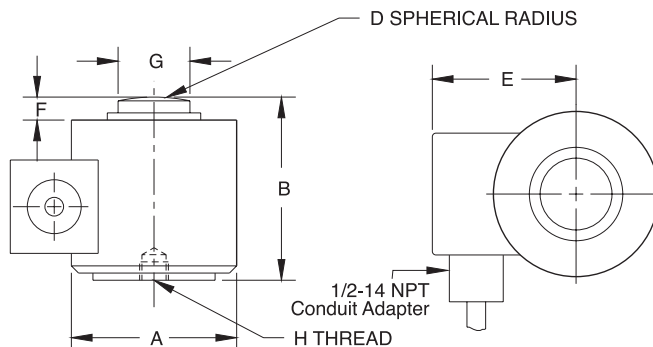


**Revere  
Transducers**

# CP1 Compression Canister, Stainless Steel Welded Seal, IP67



| RATED CAPACITY        | A     | B     | D     | E     | F    | G    | H             | DEPTH OF H |
|-----------------------|-------|-------|-------|-------|------|------|---------------|------------|
| <b>lb/inches</b>      |       |       |       |       |      |      |               |            |
| 10,000-50,000         | 2.88  | 3.25  | 6.00  | 3.30  | .40  | 1.25 | 1/2-20 UNF-2B | .31        |
| 100,000               | 4.12  | 5.00  | 6.00  | 3.50  | .51  | 2.31 | 3/4-16 UNF-2B | .56        |
| 200,000-300,000       | 6.00  | 7.25  | 17.00 | 4.60  | 1.04 | 3.13 | 3/4-16 UNF-2B | .75        |
| 500,000               | 6.50  | 9.00  | 17.00 | 4.80  | .49  | 3.69 | 3/4-16 UNF-2B | .75        |
| <b>kg/millimeters</b> |       |       |       |       |      |      |               |            |
| 4535.9-22,679.6       | 73.2  | 82.6  | 152.4 | 83.8  | 10.2 | 31.8 | 1/2-20 UNF-2B | 7.9        |
| 45,359.2              | 104.7 | 127.0 | 152.4 | 88.9  | 13.0 | 58.7 | 3/4-16 UNF-2B | 14.2       |
| 90,718.5-136,077.7    | 152.4 | 184.2 | 431.8 | 116.8 | 26.4 | 79.5 | 3/4-16 UNF-2B | 19.1       |
| 226,796.2             | 165.1 | 228.6 | 431.8 | 121.9 | 12.4 | 93.7 | 3/4-16 UNF-2B | 19.1       |

## SPECIFICATIONS:

Full Scale Output: 1.75 mV/V  
 Bridge Resistance: 480 ohms, nominal  
 Material/Finish: Stainless steel  
 Temperature: Compensated range  
 0°F to 150°F/-18°C to 65°C  
 Manufacturer  
 Model Number: CP1-D1-XX-30S5  
 Safe Overload: 150% Full scale  
 Rated Excitation: 20V AC/DC (25V maximum)  
 Combined Error: 0.15% Full scale  
 Non-repeatability: 0.03% Full scale

Insulation Resistance: 5000 megohms  
 Deflection at Capacity: 10,000-50,000 lb = .003"/.076mm,  
 100,000-300,000 lb = .006"/.152mm,  
 500,000 lb = .009"/.228mm  
 Seal Type: Welded seal\*, IP67  
 Cable Length: 30'/9.2m  
 Cable Color Code: Green .... + Excitation  
 Black .... - Excitation  
 White .... + Signal  
 Red .... - Signal  
 Orange ... Shield  
 Warranty: 3 years

## CP1 ORDER INFORMATION

| Load Rating                     | Part #      | Suggested List Price |
|---------------------------------|-------------|----------------------|
| 10,000 lb (4535.9 kg) .....     | 17588 ..... | \$1,315.00           |
| 25,000 lb (11,339.8 kg) .....   | 17589 ..... | \$1,315.00           |
| 50,000 lb (22,679.6 kg) .....   | 17590 ..... | \$1,315.00           |
| 100,000 lb (45,359.2 kg) .....  | 17591 ..... | \$1,465.00           |
| 200,000 lb (90,718.5 kg) .....  | 17592 ..... | \$2,095.00           |
| 300,000 lb (136,077.7 kg) ..... | 17593 ..... | \$2,305.00           |
| 500,000 lb (226,796.2 kg) ..... | 17594 ..... | \$4,480.00           |

## INTERCHANGEABLE PRODUCTS

| Manufacturer             | Model                              |
|--------------------------|------------------------------------|
| Artech .....             | 90210                              |
| Cardinal® .....          | CP1                                |
| Howe/Richardson® .....   | 20908XXX                           |
| Revere Transducers ..... | 392B                               |
| Streeter Amet .....      | 3753070, 3752030, 3752040, 3751940 |

## WEIGH MODULE AVAILABLE

| Model             | Page # |
|-------------------|--------|
| MagnaMount® ..... | 82     |

\*NOTE: Conduit is recommended for maximum protection against the ingress of water and moisture through the cable entry.

Howe Richardson is a registered trademark of Howe Richardson Scale Co.  
 Cardinal is a registered trademark of Cardinal Scale Manufacturing Co.

USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

Prices & Specifications subject to change without notice