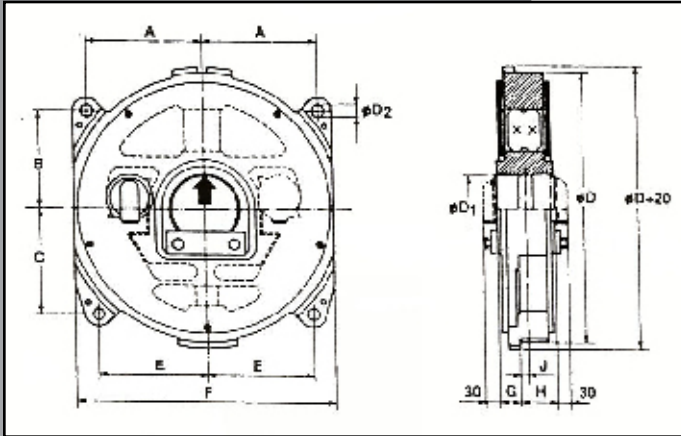
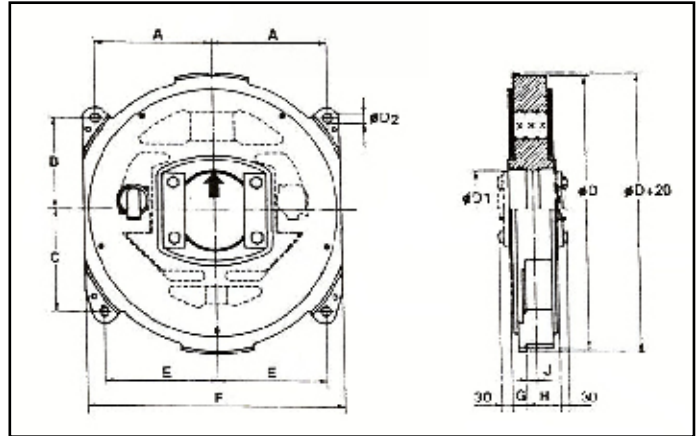


TWS -K101 Load Cell

The Model TWS-K101 is a high accuracy, strain gage load cell. The load cell body style and capacities are specifically designed for crane applications. The Techweigh load cell is available in capacities from 6.3 tons to 160 tons. High temperature construction and high temperature cable options are available up to 400 deg. F. Custom load cells can be provided to fit specific applications.



TWS-K 10, 6.3T - 25T



TWS-K 101, 40T - 160T

Dimensions (mm)

| Metric Tons | A | B | C | D | D1 | D2 | E | F | G | H | J |
|-------------|-----|-----|-----|-----|-----|----|-----|-----|----|-----|----|
| 6.3 | 145 | 175 | 180 | 400 | 80 | 20 | 140 | 370 | 30 | 50 | 10 |
| 10 | 180 | 175 | 190 | 450 | 100 | 24 | 165 | 410 | 35 | 65 | 15 |
| 16 | 210 | 180 | 195 | 500 | 120 | 24 | 195 | 470 | 35 | 65 | 15 |
| 25 | 240 | 225 | 245 | 600 | 160 | 30 | 220 | 540 | 35 | 65 | 15 |
| 40/63 | 295 | 240 | 255 | 700 | 200 | 30 | 280 | 650 | 35 | 85 | 25 |
| 100 | 325 | 285 | 300 | 800 | 240 | 38 | 310 | 720 | 40 | 110 | 35 |
| 160 | 360 | 325 | 345 | 900 | 280 | 38 | 340 | 790 | 40 | 110 | 35 |

SPECIFICATIONS:

Full Scale Output: 1.5m V/V
 Bridge Resistance: 700 ohms, nominal
 Material: High- Alloy Steel
 Temperature: Range 0 to 150 deg. F
 High temperature available to 400 deg. F.
 Safe Overload: 250 %
 Maximum Overload: 400%
 Rated Excitation: 10V DC

Combined Error: 0.10% F.S.
 Non-Repeatability: 0.03% F.S.
 Insulation Resistance: 5000 megohms
 Standard Cable Length: 25 ft.
 Color Code:
 + Excitation-Red
 - Excitation-Black
 + Signal Green
 - Signal White

TECHWEIGH