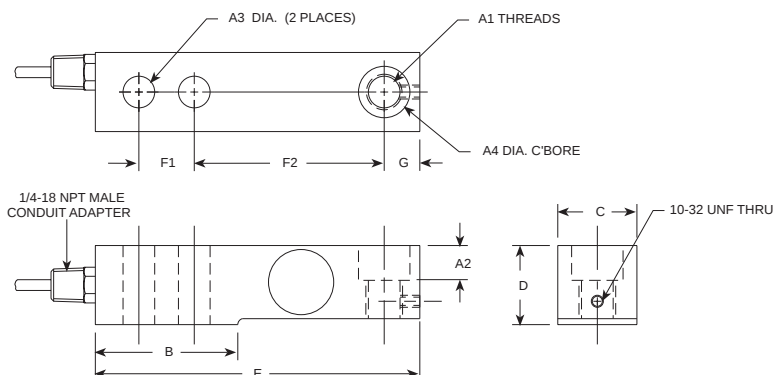




# BLC Single-Ended Beam, Stainless Steel

## NTEP 1:5000 Class III Multiple Cell\*



| RATED CAPACITY        | A1            | A2   | A3   | A4   | B    | C    | D    | E     | F1   | F2   | G    |
|-----------------------|---------------|------|------|------|------|------|------|-------|------|------|------|
| <b>lb/inches</b>      |               |      |      |      |      |      |      |       |      |      |      |
| 1000-4000             | 1/2-20 UNF-2B | .56  | .52  | .81  | 2.27 | 1.21 | 1.19 | 5.25  | 1.00 | 3.00 | .60  |
| 5000                  | 3/4-16 UNF-2B | .79  | .78  | 1.19 | 3.00 | 1.45 | 1.44 | 6.75  | 1.50 | 3.75 | .75  |
| 10,000                | 3/4-16 UNF-2B | .79  | .78  | 1.19 | 3.00 | 1.45 | 1.69 | 6.75  | 1.50 | 3.75 | .75  |
| <b>kg/millimeters</b> |               |      |      |      |      |      |      |       |      |      |      |
| 453.6-1814.4          | 1/2-20 UNF-2B | 14.2 | 13.2 | 20.6 | 57.6 | 30.7 | 30.2 | 133.3 | 25.4 | 76.2 | 15.2 |
| 2268.0                | 3/4-16 UNF-2B | 20.1 | 19.8 | 30.2 | 76.2 | 36.8 | 36.6 | 171.5 | 38.1 | 95.3 | 19.1 |
| 4535.9                | 3/4-16 UNF-2B | 20.1 | 19.8 | 30.2 | 76.2 | 36.8 | 42.9 | 171.5 | 38.1 | 95.3 | 19.1 |

### SPECIFICATIONS:

|                        |                                                  |
|------------------------|--------------------------------------------------|
| Full Scale Output:     | 3.0 mV/V nominal                                 |
| Bridge Resistance:     | 1000 ohms, nominal                               |
| Material/Finish:       | Stainless steel                                  |
| Temperature:           | Compensated range<br>14°F to 104°F/-10°C to 40°C |
| Safe Overload:         | 150% Full scale                                  |
| Rated Excitation:      | 10V AC/DC (15V maximum)                          |
| Nonlinearity:          | 0.03% Full scale                                 |
| Hysteresis:            | 0.05% Full scale                                 |
| Insulation Resistance: | 5000 megohms                                     |

|                         |                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Deflection at Capacity: | 1000-4000 lb = .010"/.25mm,<br>5000-10,000 lb = .012"/.30mm                                                           |
| Seal Type:              | Environmentally protected                                                                                             |
| Cable Length:           | 1000-4000 lb = 10'/3.1m,<br>5000-10,000 lb = 20'/6.1m                                                                 |
| Cable Color Code:       | Green .... + Excitation<br>Black .... - Excitation<br>White .... + Signal<br>Red ..... - Signal<br>Yellow .... Shield |
| Warranty:               | 1 year                                                                                                                |

| BLC ORDER INFORMATION   |       |        |                      |
|-------------------------|-------|--------|----------------------|
| Load Rating             |       | Part # | Suggested List Price |
| NTEP* With Counter Bore |       |        |                      |
| 1000 lb (453.6 kg)      | ..... | 21514  | ..... \$265.00       |
| 2500 lb (1134.0 kg)     | ..... | 21504  | ..... \$265.00       |
| 4000 lb (1814.4 kg)     | ..... | 21515  | ..... \$265.00       |
| 5000 lb (2268.0 kg)     | ..... | 21505  | ..... \$355.00       |
| 10,000 lb (4535.9 kg)   | ..... | 21506  | ..... \$450.00       |

|                                      |       |          |  |
|--------------------------------------|-------|----------|--|
| <b>Non-NTEP Without Counter Bore</b> |       |          |  |
| 1000 lb (453.6 kg)                   | 17226 | \$265.00 |  |
| 2500 lb (1134.0 kg)                  | 17227 | \$265.00 |  |
| 4000 lb (1814.4 kg)                  | 17228 | \$265.00 |  |
| 5000 lb (2268.0 kg)                  | 17229 | \$355.00 |  |
| 10,000 lb (4535.9 kg)                | 17230 | \$450.00 |  |

\* NTEP certified to 50% of rated capacity

**Bushing** (for conversion to non-counter bore)

|                          |       |         |
|--------------------------|-------|---------|
| 1000 lb - 4000 lb, SST   | 17691 | \$8.00  |
| 5000 lb - 10,000 lb, SST | 17702 | \$15.00 |

| BLC ORDER INFORMATION      |       |        |                      |
|----------------------------|-------|--------|----------------------|
| Load Rating                |       | Part # | Suggested List Price |
| NTEP* Without Counter Bore |       |        |                      |
| 1000 lb (453.6 kg)         | ..... | 63028  | ..... \$265.00       |
| 2500 lb (1134.0 kg)        | ..... | 63029  | ..... \$265.00       |
| 4000 lb (1814.4 kg)        | ..... | 63030  | ..... \$265.00       |
| 5000 lb (2268.0 kg)        | ..... | 63031  | ..... \$355.00       |
| 10,000 lb (4535.9 kg)      | ..... | 63032  | ..... \$450.00       |

| INTERCHANGEABLE PRODUCTS   |                     |
|----------------------------|---------------------|
| Manufacturer               | Model               |
| Rice Lake Weighing Systems | (see page 106) RLBC |

