

# 22.6" Low Bending Beam Load Cell

Sensitive enough to measure incremental load additions



Extremely rugged and durable load cell for on-board applications. Load cell is typically mounted on a straight truck between the truck chassis and the truck body. Sensitive enough to measure incremental load additions to the truck's body at individual pick-up locations.

22.6" Low Bending Beam 8300490-13R

## Key Features:

- Extremely durable
- Capable of Accuracy Up to 1%
- Alloy steel - high resistance to corrosion
- Nickel-plated
- Low-profile
- Double-ended bending-beam design
- 3-foot pigtail cable
- Patented, torque canceling, double shear beam design
- Made from high strength, heat treated alloy steel
- Extremely reliable in the harshest environments
- Full twist compensation provides the highest accuracy
- Completely sealed internal electronics
- Easy bolt-in replacement, all load cells have matched outputs
- Reliable, military style connector
- Increase your profit by maximizing every load

## Applications:

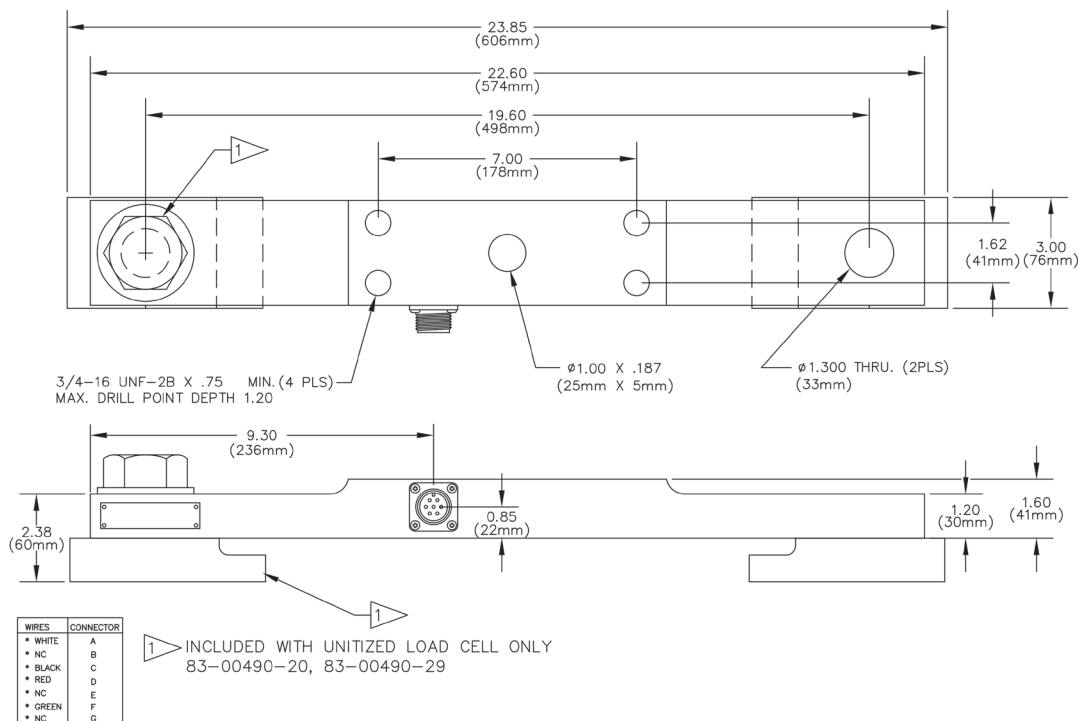
- Refuse
- Agriculture
- Applications requiring individual pick-up weights

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## Specifications

PARAMETERS	VALUE
Static Capacity	25,000 lbs (11,340kg)
Dynamic Capacity	12,500 lbs (5,670kg)
Maximum Safe Load	200% of static capacity
Output	0.2500 mV/V at 12,500lbs
Non-linearity, Hysteresis Repeatability	± 0.1% of full scale
Creep	± 0.1% of load in 20 minutes
Temperature Compensated Range	14° to 104°F (-10° to 40°C)
Temperature Operating Range	-40°F to 150°F (-40°C to 65°C)
Maximum Excitation	15V dc or ac
Impedance	350Ω min.
Isolation Resistance	500MΩ at 50V
Load Cell Material	SAE 4340 heat treated Steel

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