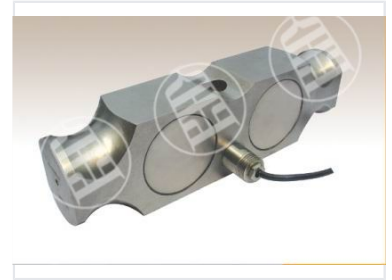


Double Ended Beam Load Cell for Weighing Scales

This double-ended shear beam load cell is designed for easy installation and simple use. Its good compatibility makes it suitable for a wide range of truck and railway scales.



Product Overview

High-Precision Double Ended Shear Beam Load Cell

The BM-LS-xxx-ST1 is a center-loaded, end-supported double-ended shear beam load cell designed for high-accuracy weighing applications such as truck and platform scales. Featuring fully welded stainless steel seals and an IP68 rating, it offers exceptional protection against corrosion and harsh industrial environments. Its robust construction and strain gauge technology ensure stable, repeatable measurements and long-term reliability for professional weighing operations.

Technical Features

Design Type	Center loaded, end supported double ended shear beam
Self-Centering Mechanism	Yes

Protection & Durability

Ingress Protection	IP68
Explosion Protection	ExibaBT6
Cable Protection	Rats-bite proof stainless steel braid (RP model)
Sealing Method	Fully Welded, Stainless Steel Seals, Potting

Applications

Typical Applications

- Truck scales
- Platform scales
- Industrial weighing systems
- Harsh environment weighing

Material Specifications

Body Material	Alloy Steel / Stainless Steel
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Performance Metrics

Performance Highlights

68
IP Rating