

Double-Ended Link Shear Beam

Applications

- Truck and Track scales
- Tank and hopper weighing
- Batching system

Features

- Center-mounted with a double-linked shear beam design
- Fast installation
- Free of horizontal movement, insensitive to side load
- Electroless nickel plated high alloy tool steel construction

Description

- DLB is designed to be center-mounted with double-linked loading. This design provides free movement in all horizontal directions virtually eliminating binding or friction points. The Shear Beam design gives excellent performance for high capacity loading.
- DLB is constructed of alloy steel and fully potted and sealed with special chemical compounds to IP65 ratings. The combination of potting compounds protects the unit in harsh environments from water/moisture intrusion.
- DLB Interchangeable products:
 - Rice Lake Weighing Systems RL75040A
 - Sentionics 65040A
 - Artech 80310
 - Thurman TSC 840

Specifications

Standard Capacity	25K, 40K, 50K, 60K, 75K, 100K, 125K lb		
Recommended Excitation	10 V AC/DC	Compensated Temp. Range	-10°C to +40°C
Maximum Excitation	15 V AC/DC	Operating Temp. Range	-20°C to +60°C
Output at Rated Load	3 mV/V±0.25%	Zero Balance	±1%
Combined Error	0.025%	Input Resistance	770±10Ω
Non Repeatability	0.02%	Output Resistance	700± 5Ω
Creep (20 minutes)	0.03%	Insulation Resistance(50VDC)	>5000 MΩ
Zero Return (20 minutes)	0.03%	Deflection at Rated Load	<0.5mm
Temp. Effect/10°C on Span	0.015%	Safe Overload	150%
Temp. Effect/10°C on Zero	0.026%	Ultimate Overload	300%

All Specifications Listed Subject To Change Without Notice