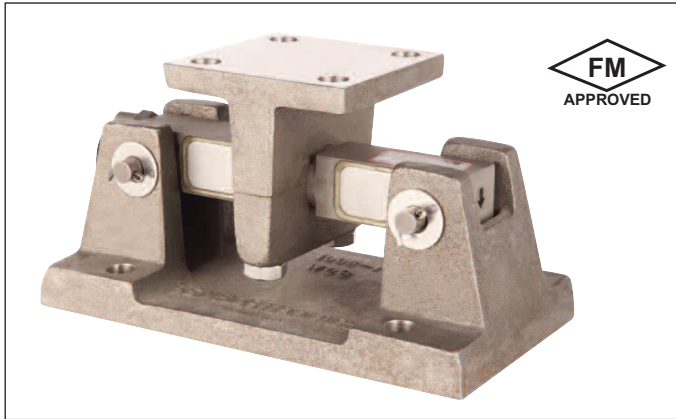


FAIRBANKS®

OMNICELL® 9104 SERIES WEIGHING ASSEMBLY



Fairbanks' Omnicell 9104 Series double-ended shear beam weighing assembly is unmatched in performance in the medium-to-high weight range. This load cell also offers superior accuracy in applications that require multi-directional checking.

APPLICATIONS

- Tanks
- Hoppers
- Batching
- Mixing
- Bins
- Silos
- Blending
- Inventory Control

FEATURES

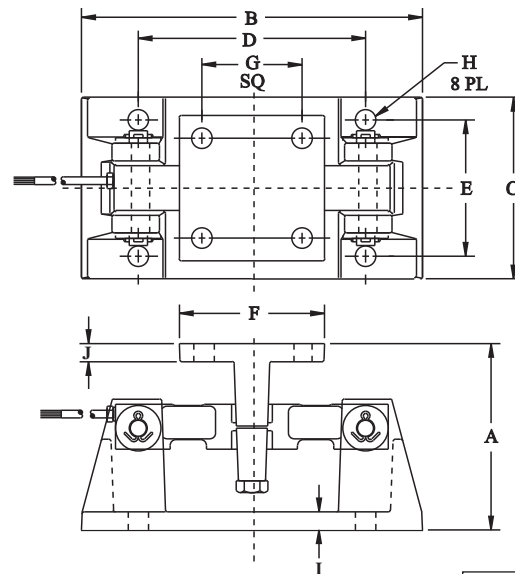
- Capacity ranges of 1000 to 75,000 lbs.
- Self-checking, with provisions for thermal expansion and contraction.
- Insensitive to axial loads and bending movements.
- Load cells have matched outputs for multi-cell systems.
- Load cells have welded, sealed gauging area on stainless steel models.
- Zinc-coated cast assembly with tool steel, nickel-plated load cell; stainless steel load cell and assembly; or stainless steel load cell and zinc-coated cast assembly.
- Factory Mutual approved.

DIMENSIONS (in inches) For capacities more than 75,000 lbs., consult your Fairbanks Representative.

Capacity	A	B	C	D	E	F	G	H	I	J
1000 lbs to 5000 lbs	5.13	9.35	5.00	6.25	3.75	4.00	2.75	0.56	0.50	0.50
10,000 lbs to 35,000 lbs	7.90	12.00	8.00	7.50	6.00	8.00	6.00	0.78	0.75	0.75
50,000 lbs to 75,000 lbs	9.30	16.25	12.00	11.50	9.50	9.00	6.50	0.78	1.00	1.00

SPECIFICATIONS

Capacities	1000 to 75,000 lbs.
Mount Construction	Zinc plated cast iron ductile; Cast stainless steel
Load cell:	
Full Scale Output (FS)	3.0mV/v \pm 0.25%
Combined Error	\leq 0.03% FS
Non-Linearity	\leq 0.03% FS
Hysteresis	\leq 0.02% FS
Creep Error (20 min.)	\leq 0.03% FS
Compensated Temperature	14° F to 104° F (-10° C to 40° C)
Excitation Voltage	5-15 VDC
Overload	Safe = 150%; Ultimate = 300%
Sideload	Safe = 100%
Rejection ratio	500:1
Bridge Resistance	700 ohms nominal
Construction	Alloy tool steel; Stainless steel, welded covers
Sealing	IP68/IP69K
Cable	25 ft., polyurethane
Approvals	Factory Mutual



CABLE COLOR CODE

RED=+EX

BLACK=-EX

GREEN=+SIG

WHITE=-SIG

QuickFacts™

Models and specifications subject to change without notice.
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Call toll-free for the Fairbanks representative nearest you:

(800) 451-4107

Internet Address: <http://www.Fairbanks.com>