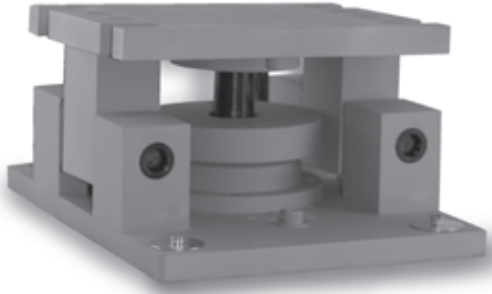


# Weigh Modules

## TWM Tank Weighing Module, HBM



*Picture is a representation of actual product*

The HBM TWM is designed to provide a low-profile solution for high capacity tank and vessel weighing applications. This assembly combines the HBM JRT torsion ring transducer with a corrosive resistant painted steel mount to provide an effective solution for most indoor/outdoor weighing needs. The design is also more compact and easier to install than most double-ended beam designs on the market. Standard uplift protection also eliminates the need for stay rods or additional hardware for outdoor applications. Each HBM TWM assembly contains one JRT load cell with 35' of cable, one mount and all the necessary hardware to install one highly-effective weigh point. Available in capacities ranging from 20,000 lbs to 100,000 lbs.

### APPLICATIONS:

- High-capacity tank and vessel weighing
- Bulk material management

### STANDARD FEATURES:

- Capacities: 20,000-100,000 lb (9072.0-45,360.0 kg)
- Overload and overlift protection
- Rocker pin loading
- Factory assembled
- Compact design
- Easy to install
- NTEP-certified load cell 10,000 IIII

### OPTIONAL FEATURES:

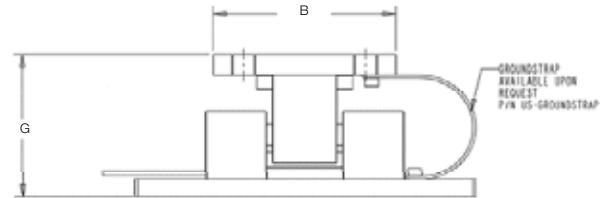
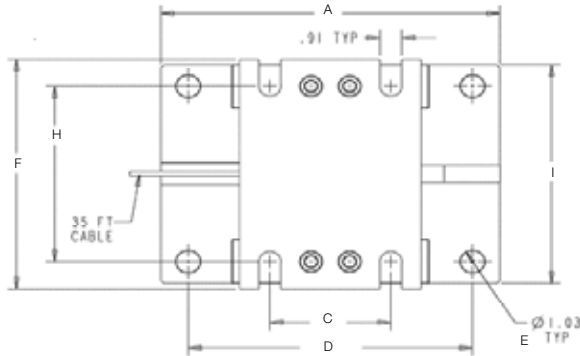
- Stainless steel construction available

Load Cell Certifications:



Refer to next page for load cell specifications

# TWM Specifications



## RATED CAPACITY

## DIMENSIONS

	A	B	C	D	E	F	G	H	I
<b>lb/inches</b>									
20,000	10.00	6.00	4.50	8.0	.53	8.00	4.0	6.00	7.50
50,000-100,000	14.00	7.50	5.00	11.75	1.00	10.5	6.25	8.00	10.00
<b>kg/mm</b>									
9072.0	254.0	152.4	114.3	203.2	13.4	203.2	101.6	152.4	190.5
22680.0-45,360.0	355.6	190.5	127.0	298.4	25.4	266.7	158.7	203.2	254.0

## SPECIFICATIONS:

**Full Scale Output:** 2.0 ± 0.2 mV/V  
**Bridge Resistance:** 700 ohm  
**Material/Finish:** High alloy steel  
**Temperature:** Compensated range  
 15°F to 115°F/-9°C to 46°C  
**Safe Overload:** 150% Full scale  
**Safe Sideload:** 100% Full scale  
**Rated Excitation:** 15V DC  
**Combined error:** .03% Full scale

**Insulation Resistance:** 5000 megohms  
**Seal Type:** Environmentally-sealed  
**Cable Length:** 35' (10.6 m)  
**Cable Color Code:** Green ..... + Excitation  
 Black..... - Excitation  
 White ..... + Signal  
 Red ..... - Signal  
 Yellow..... Shield  
**Warranty:** 1-year limited warranty

## TWM ORDER INFORMATION

Load Rating (Load Cell Capacity)	Part #	Price
20,000 lb (9072.0 kg) .....	98421 .....	\$1,595.00
50,000 lb (22680.0 kg) .....	98422 .....	\$2,095.00
100,000 lb (45,360.0 kg) .....	98423 .....	\$2,295.00

www.ricelake.com

USA: 800-472-6703 • CANADA/MEXICO: 800-321-6703 • INTERNATIONAL: 715-234-9171

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