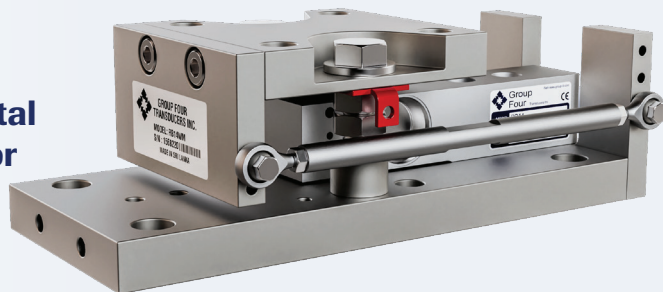


The RB14 stainless steel weigh module is ideal for tank and vessel weighing. IP69 Environmental production, with rocker pin load introduction for tough applications requiring high accuracy.



FEATURES

- Capacity range: 500lb to 5,000lb.
- Optional anti-sway design feature.
- Stainless steel construction.
- Environmental Protection IP69.
- Low profile design.
- Designed for easy installation.

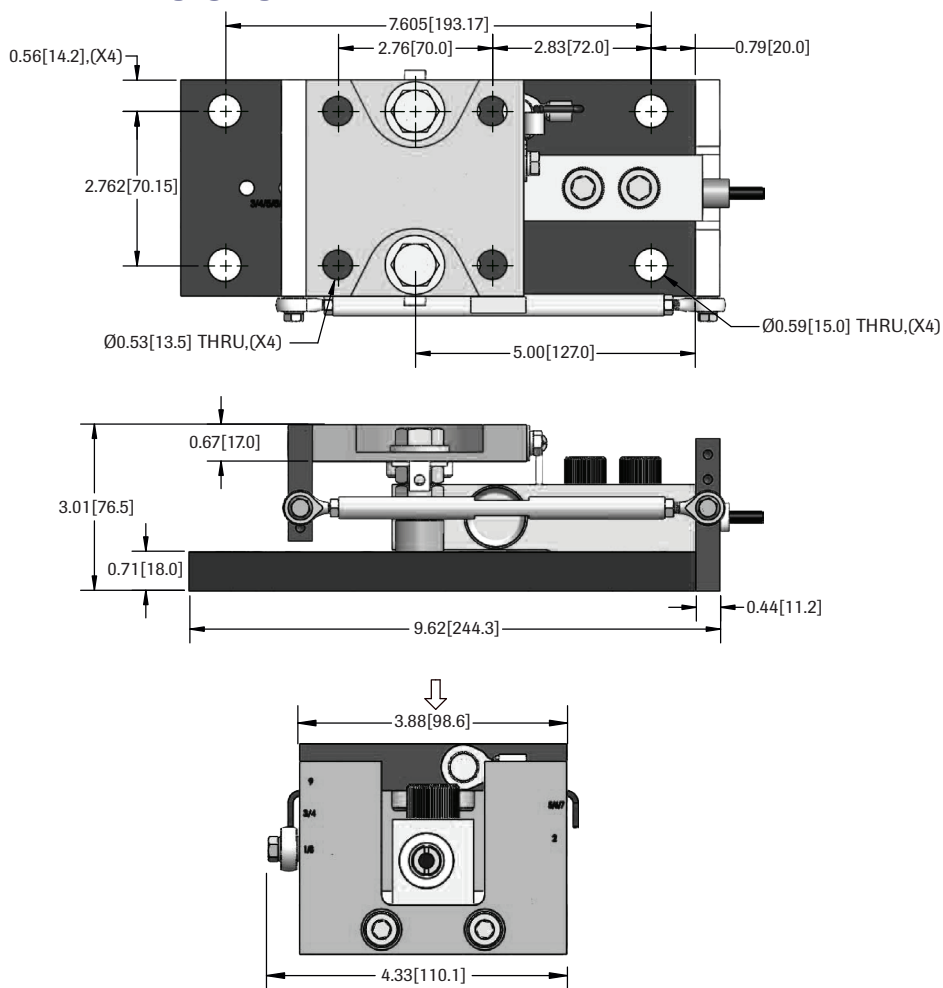
APPLICATIONS

- Hopper weighing.
- Tank weighing.
- Vessel weighing.
- Platform scale.

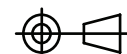
OPTIONS

- Check link with anti-sway protection.
- 20 ft Cable.

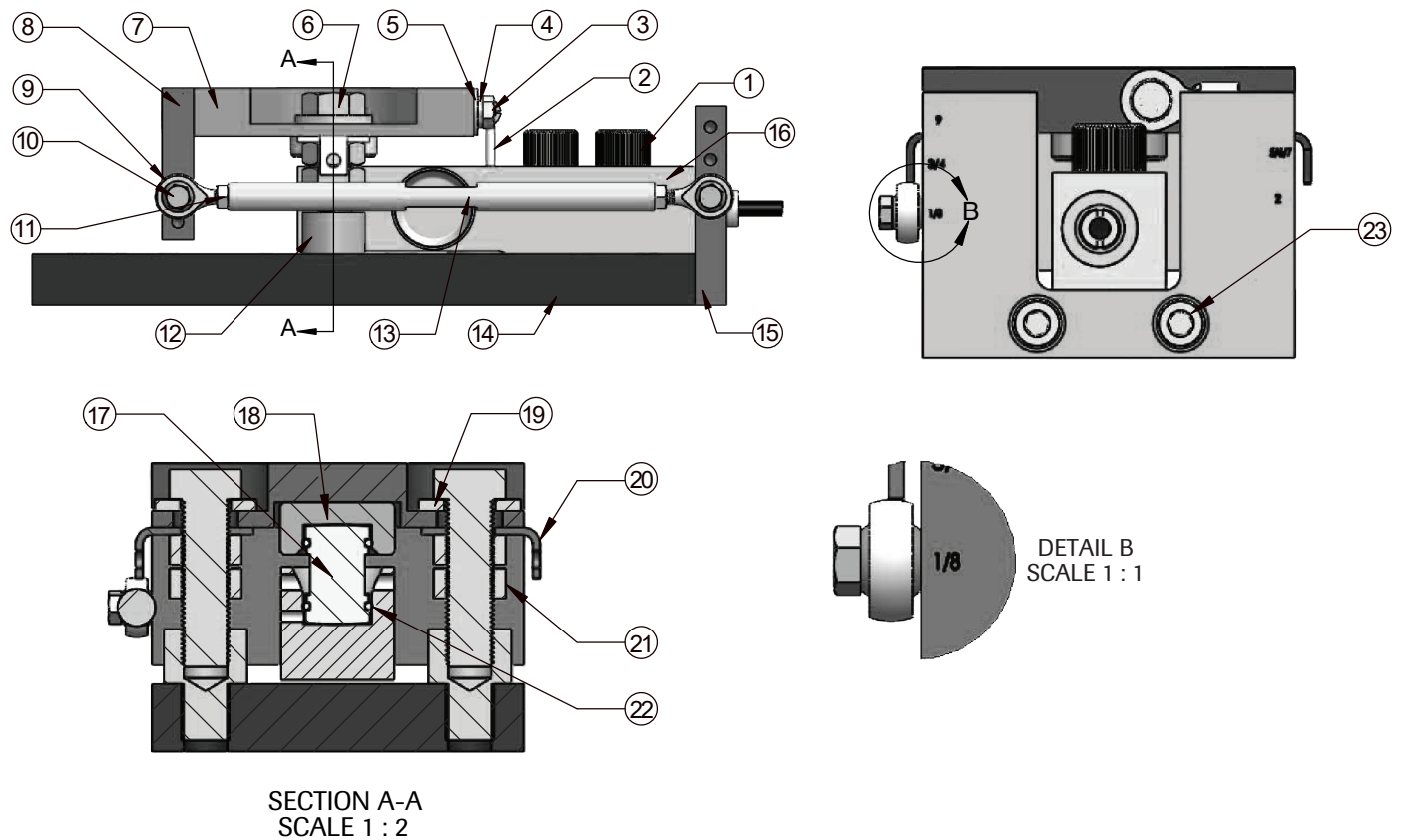
DIMENSIONS



NOTE :
1) ARROW INDICATES THE POSITIVE LOADING DIRECTION.
2) ALL DIMENSIONS ARE IN INCH[MM].



Item list :

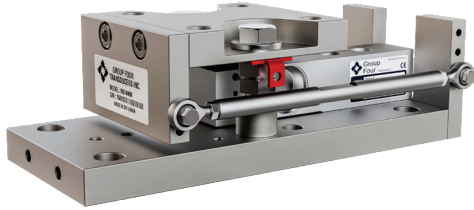


Item No	Description	Quantity
1	1/2-20 Load cell mounting bolt	2
2	Grounding cable	1
3	M6 x 1mm Cable lug bolt	2
4	M6 washer	2
5	Cable lug	2
6	1/2-20 Uplift bolt	2
7	Top plate	1
8	Top part	1
9	Joint rod end	2
10	M5x 0.8mm Check link bolt	2
11	M5 x 0.8mm Check link nut	2
12	Stand off	2
13	Check link rod	1
14	Bottom plate	1
15	Bottom part	1
16	Rb14-(500-5000)lb Loadcell	1
17	Rocker pin	1
18	Load cup 1	1
19	1/2 Uplift bolt washer	2
20	Shipping stopper	2
21	SS Thin hex nut(Stand off nut)	4
22	O-rings	2
23	M8x1.25mm Bolt	4

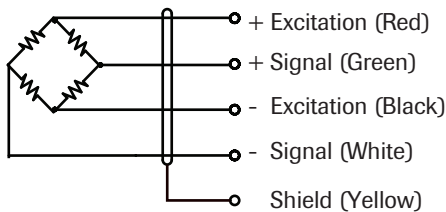
weigh modules

1000WM5

RB14WM



WIRING



Cable : 24 AWG, 4 Conductor black cable.

SPECIFICATIONS

Model		1032	
Capacities		see table	
Full scale output (FS)		mV/V	2.0±0.002
Calibration in mV/V/Ω		%	≤±0.05
Combined error		%FS	≤±0.03
Non-linearity		%FS	≤±0.017
Hysteresis		%FS	≤±0.03
Creep @ 30min		%FS	≤±0.017
Zero balance		%FS	≤±5
Temperature effect			
	Output	%FS/10 °C	≤± 0.02
	Zero	%FS/10 °C	≤± 0.04
Temperature range			
	Compensated	°C	-10~+ 40
	Operating	°C	-20~+ 65
Terminal resistance			
	Input resistance	Ω	1100±30
	Output resistance	Ω	1000±5
Excitation voltage		VDC	5 ~ 15
Insulation resistance @ 50V DC		MΩ	≥5000
Safe overload limit		%FS	150
Ultimate load		%FS	300
Safe side load		%FS	100
Cable length		m	3
Seal type		IP69	
Element material		Stainless steel	

PART NUMBERS

Capacity (klb)	Weigh module	Load cell
0.5	1000WM5SB-000-00	1032-000-05
1.0	1000WM5SB-000-00	1032-001-05
2.5	1000WM5SB-000-00	1032-002-05
5.0	1000WM5SB-000-00	1032-003-05

Note: The weigh module and the load cells will be shipped as separate units. We do not recommend installing the weigh module with the load cell installed. Weigh Module: Mounting hardware only with stabilizer bar, stainless steel and suitable for load cell capacity up to 5,000 lbs.