weightechUSA

BRP

Rocker column Load cell



Reliable weighing for truck scales

BRP_datasheet_v01 - 05/03/2024
Technical review: Loui Oriqui | **Comercial review:** Eber Santos
Edition: Stéphany

IP68

weightechUSA

BRP

LOAD CELL

Rocker Column type compression load cell, highly robust, specific for road scales.
Unit capacity for up to 40t.

RESISTANT

Built in stainless steel that guarantees resistance to weather conditions.

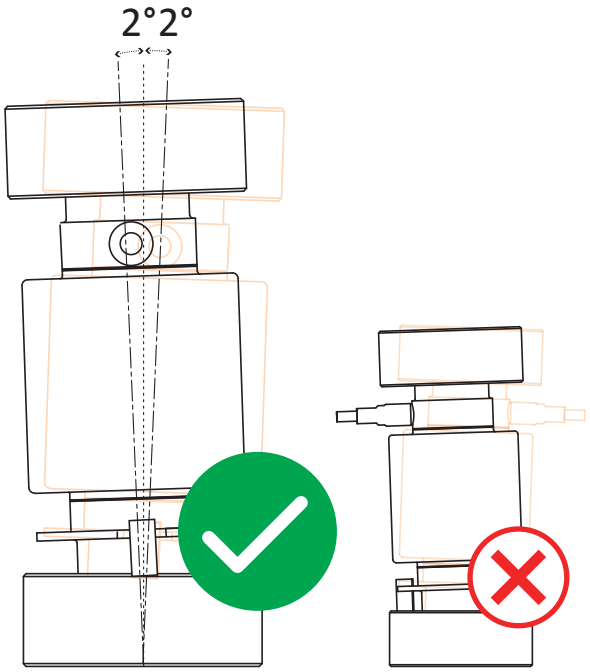
PROTECTION CLASS IP68

Protected against submersion for long periods and completely sealed against dust and debris.

ANTI ROTATION SYSTEM

Anti-rotation system makes the safer and more resistant assembly.





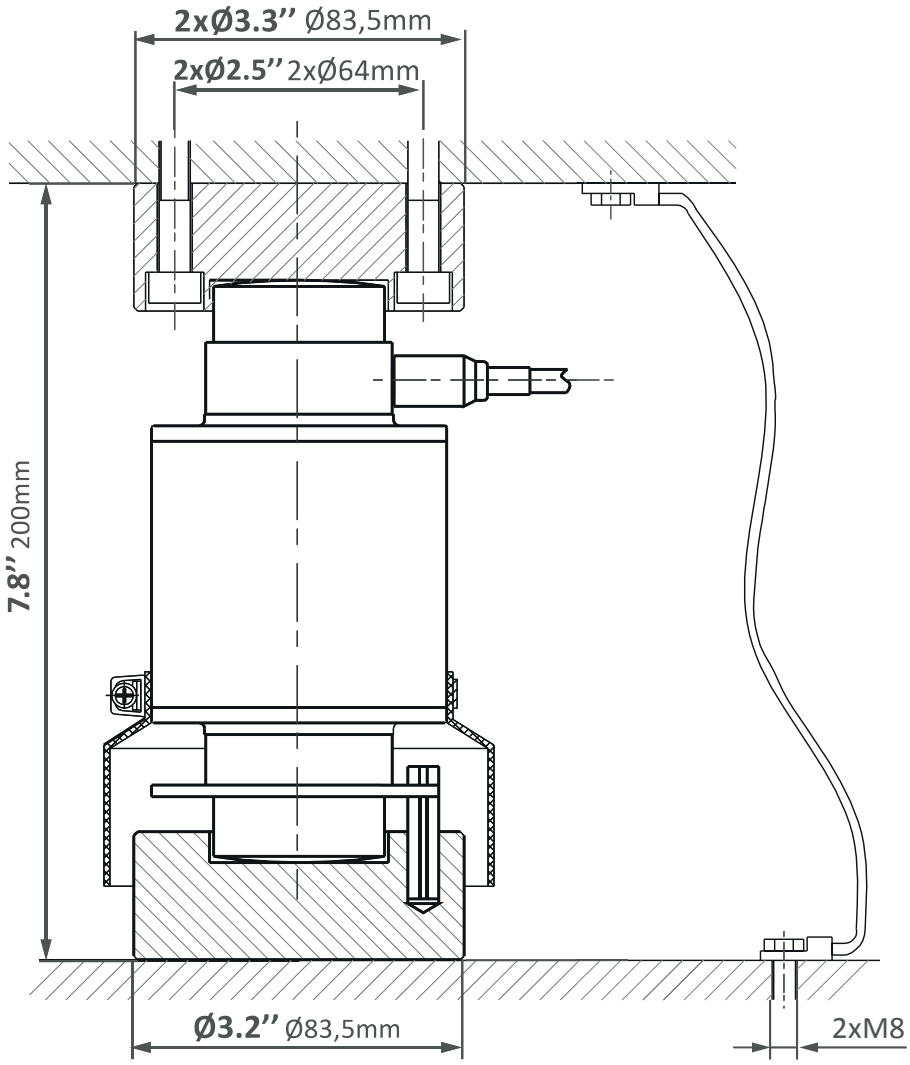
LONGITUDINAL

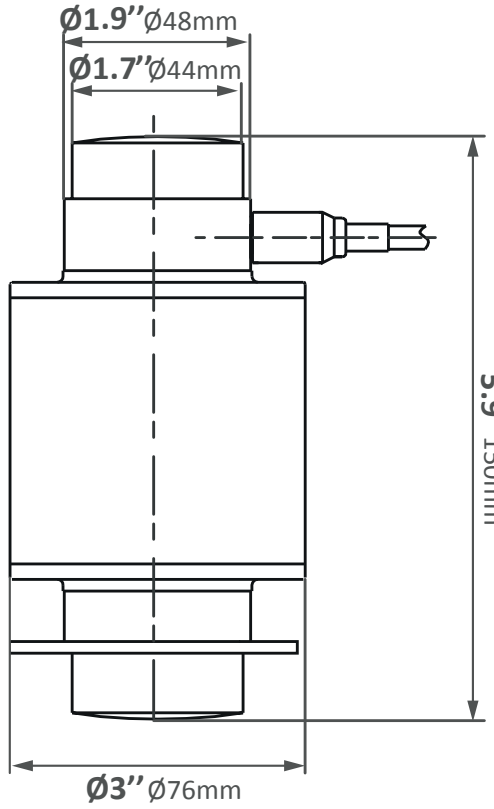
TRANVERSE

MOVEMENT

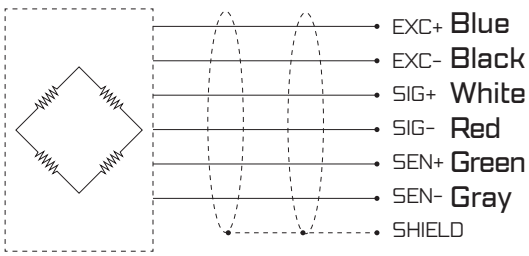
Allows lateral movement with up to 2° of inclination (following the longitudinal direction of the platform).

DIMENSIONS

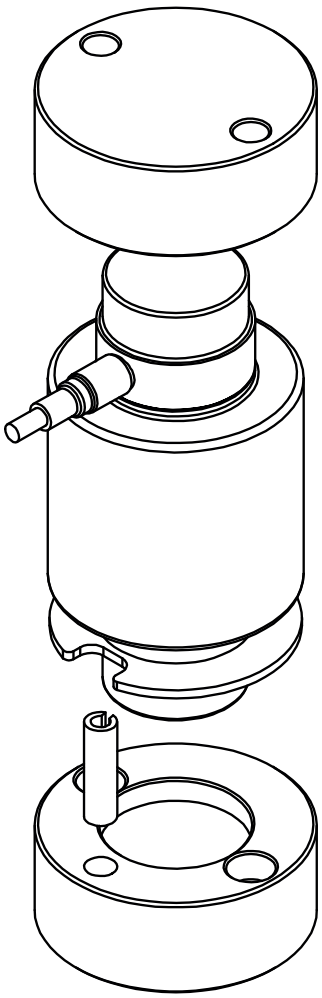


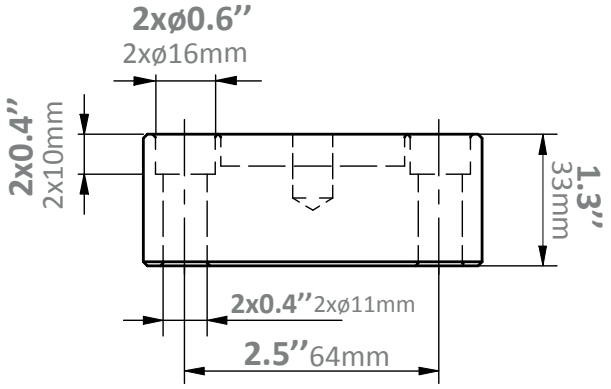


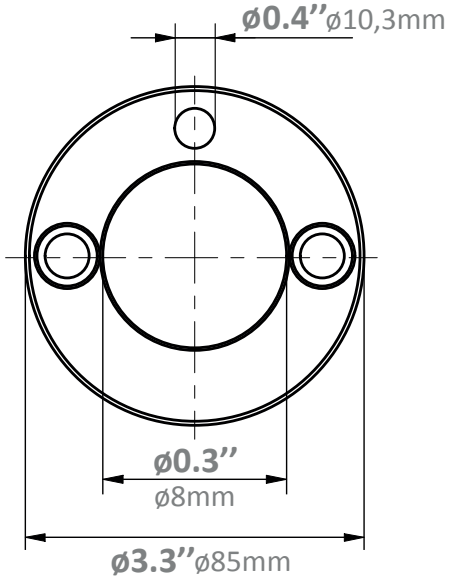
WIRING DIAGRAM



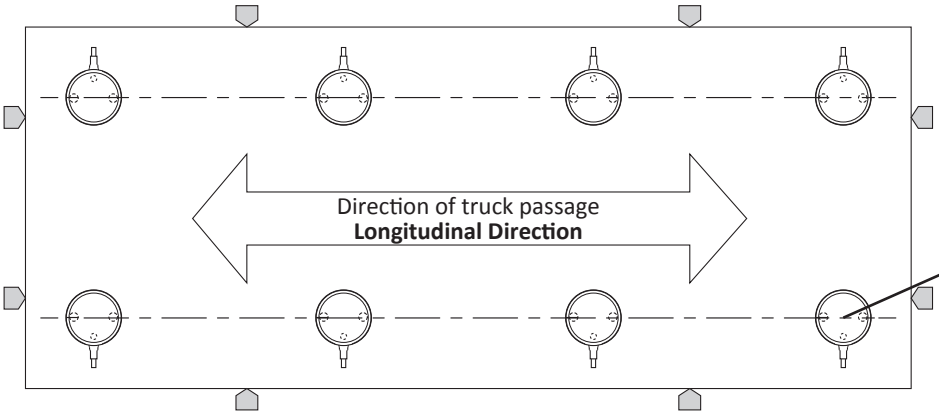
DIMENSIONS ANTI ROTATION SYSTEM

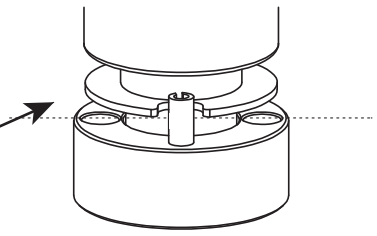






PLATFORM MOUNTING





The screws must be fixed in the direction of the truck's passage.

TECHNICAL DATA

Rated Load	t	30, 40
Sensitivity	mV/V	2,0 ± 0,005
Total error	%FS	±0,03%
Creep (30 min)		±0,03%
Zero compensation		±1%
TCO	% FS/10°C	±0,03%
TC SPAN		±0,03%
Input Resistance	Ω	700 ± 20
Output Resistance		702 ± 5
Insulation Resistance	MΩ	≥ 5000
Operating Temp Range	°C	-30 ~ +70
Nominal Temp Range	°C	-10 ~ +40
Safe Load Limit (static and centralized load)	% FS	150%
Ultimate Overload		300%
Recommended Excitation	VDC	5
Excitation voltage range		4,5 ~ 15
Construction	-	Stainless steel
Protection Class	-	IP68
Wire	-	Lenght: 20m | Diameter: Ø5mm

PART NUMBER

Products	Capacities	Codes
Load Cell BRP	30t	10581
Load Cell BRP	40t	10582

FIND US

10384 W State road 84 #6 - Davie, FL 33324
sales@weightechusa.com
weightechusa.com
Technical Support: +1 (954) 666-0877x302
Sales: +1 (954) 666-0877x305

MORE INFO

PRODUCT PAGE