

SHBxR Self-Aligning Accessories

FEATURES

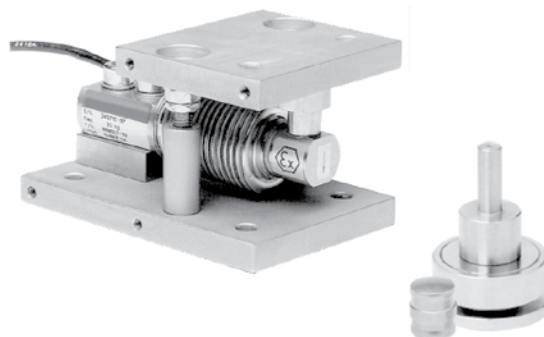
- Capacities: 5–500 kg
- Hardened components at all load bearing surfaces
- Rocker pin load introduction
- Built-in horizontal movement control and lift-off protection
- Load cell (re)placement after installation of the mount
- **Optional**
 - Stainless steel or nickel-plated steel versions available
 - Stay rod assembly

APPLICATIONS

- Process control
- Batch weighing
- Silo/hopper weighing
- Belt scale weighing

DESCRIPTION

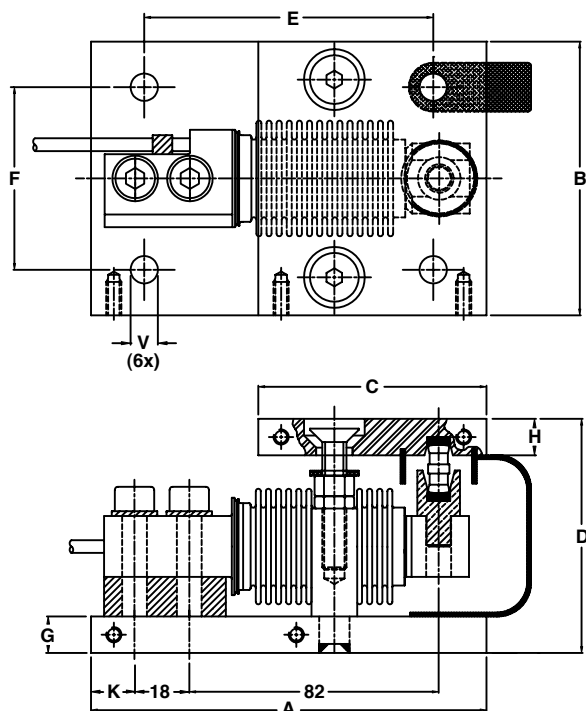
The SHBxR self-aligning silo mount, combined with the SHBxR load cell family, provides weighing assemblies suitable for process control, batch weighing, silo/hopper, and belt scale applications.



The SHBxR foot assembly is an ideal solution for low and medium capacity platform scales. The SHBxR mount and foot are based on a rocker pin design, combining excellent load introduction to the transducer with an overall low profile.

Hardened components are used at all load bearing surfaces. The stainless steel construction guarantees long-term reliability, even in the harshest environments.

OUTLINE DIMENSIONS in millimeters



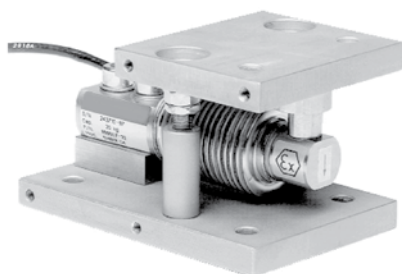
CAPACITY	5–200 kg	350–500 kg
A	130	160
B	90	120
C	75	100
D	77	90
E	95	100
F	60	80
G	12	15
K	14.5	33.8
H	12	20
V	Ø9	Ø14

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ACCESSORIES

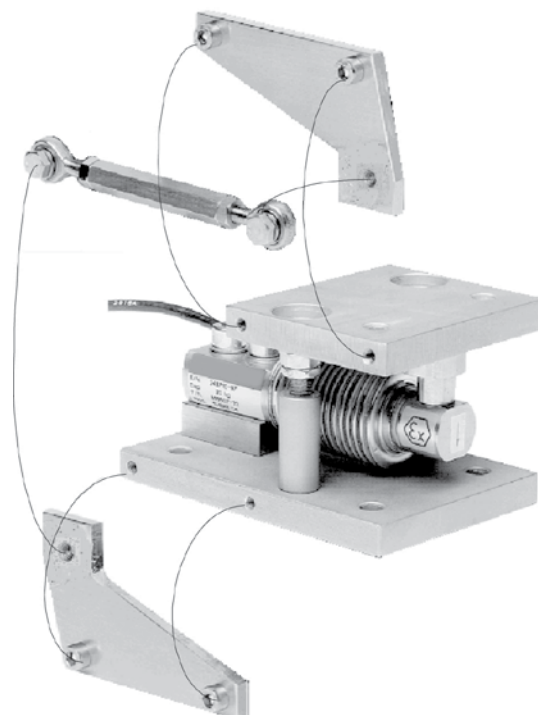
Self-Aligning Mount

The SHBxR mount permits controlled horizontal movement in all directions. The design allows the load cell to be (re)placed after installation of the mount. The critical load introduction area is mechanically protected.



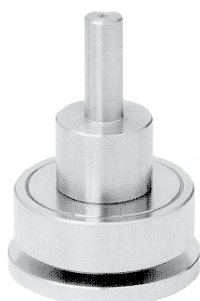
Stay Rod Assembly

If major load movement is anticipated stay rods should be used to restrain a vessel or platform. The SHBxR stay rod assembly can be bolted to the mount prior to or after its installation.



Height Adjustable Foot

The stainless steel foot, which has 5 mm of adjustment, provides excellent load introduction to the transducer. The foot allows flexibility in platform design without compromising overall system performance.



ADDITIONAL INFORMATION		
MOUNT	5/200 kg	350/500 kg
Self-aligning mount		
Height, assembly + SHBxR (mm)	77	90
Outline drawing—stainless steel	499048-10	499095-10
Outline drawing—nickel-plated	499048-00	499095-00
Assembly guideline	AG 10/06-104/02	
Height adjustable foot		
Height, assembly + SHBxR (mm)	65+5	
Outline drawing—stainless steel	499070	
Stay rod assembly		
Outline drawing—stainless steel	499061-10	499068-10
Outline drawing—nickel-plated	499061-00	499068-00
Assembly guidelines	AG 09/06-202/02 and AG 01/07-200/03	

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