

CSP-M Self-Aligning Accessories

FEATURES

- Capacities: 10–60T
- Hardened components at all bearing surfaces
- Self-aligning construction
- 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
 - Versions with stay rod assemblies available
 - Suitable also for SCC load cells



APPLICATIONS

- Process control
- Silo and weighbridge applications
- Truck and rail scale applications

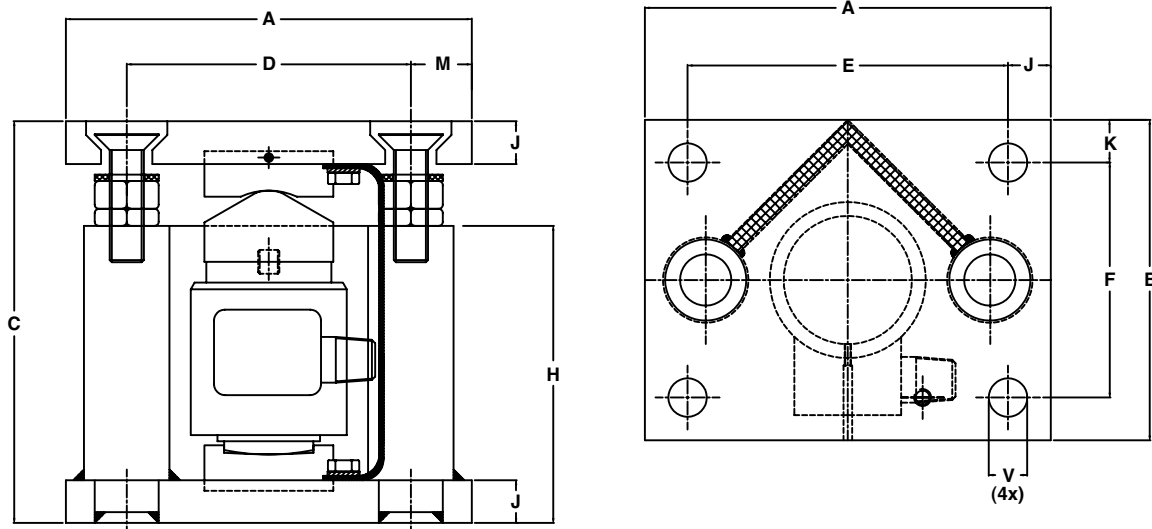
DESCRIPTION

The CSP-M self-aligning mounts, combined with the CSP-M load cell family, provides weighing assemblies suitable for process control, silo, and weighbridge applications.

The CSP-M weighbridge mount is designed to be used in truck scale and rail scale applications. The mount ensures excellent signal stability and optimum performance. It can be used without stay or check rods.

The self-aligning silo mount provides excellent load introduction to the transducer while maintaining an overall low profile. Hardened components are used at all load bearing surfaces.

OUTLINE DIMENSIONS in mm



CAPACITY	A	B	C	D	E	F	H	J	K	M	V
10/25 ton	190	150	188	133	150	110	139	20	20	28.5	Ø18
40/60 ton	250	200	273	182	190	150	209	30	25	35	Ø22

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ACCESSORIES

Self-Aligning Weighbridge Mount

The CSP-M SA weighbridge mount allows a safe horizontal movement of 8 mm, while ultimate movement of up to 16 mm is accepted. Special care has been given to load safety margins and ease of installation.

Combined with the CSP-M load cell family, the assembly provides excellent signal stability and measurement performance under off-center loading conditions. The mount is made of corrosion resistive steel (DIN 1.2083) to guarantee long-term reliability.



Self-Aligning Silo Mount

The CSP-M self-aligning silo mount is suitable for batch weighing, process control, and silo/hopper applications. The mount tolerates controlled movement in all directions. The top plate is held captive eliminating, in most cases, the need for additional stay or check rods. Where major load movement is anticipated, a version with a built-in stay rod is available. The silo mount allows the load cell to be fitted or removed after installation of the mount. All load bearing surfaces are made of hardened corrosion resistive steel (DIN 1.2083).



ADDITIONAL INFORMATION		
MOUNT	10/25T	40/60T
Weighbridge mount		
Assembly + CSP-M	216 mm	260 mm
Assembly guidelines	AG 09/06-101/02	
Outline drawing – stainless steel*	899953-41	899953-40
Outline drawing – nickel-plated	–	–
Silo mount		
Assembly + CSP-M	188	273
Assembly guidelines	AG 12/06-102/02	
Outline drawing – stainless steel*	499050-10	499051-10
Outline drawing – nickel-plated	499050-00	499051-00
Silo mount with stay rod		
Assembly + CSP-M	190 mm	274 mm
Outline drawing – stainless steel*	499059-10	499060-10
Outline drawing – nickel-plated	499059-00	499060-00

* Load bearings are made of hardened steel, material DIN number: 1.2083



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