

CAS^{SBM} SERIES

Isolated Tension Mount

- Light to medium capacity hanging hoppers & bins
- Capacities ranging from 50 lbs to 20,000 lbs
- Alloy steel load cell construction
- Stainless steel load stem with zinc and clear chromate plating
- Double electrical isolation with teflon insulator and bonding strap
- Unique swivel design combines multidirectional movement with self checking capabilities
- Easy installation, adjustable height



CAS

www.cas-usa.com

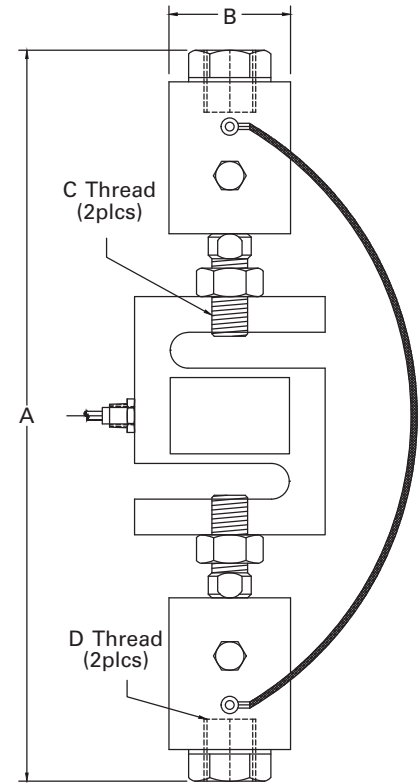
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DIMENSIONS

Rated Capacity	Dimensions			
	A	B	C	D
250lbs - 300lbs	9.25	1.50	1/4 - 28UNF	1/4 - 20UNC
500lbs - 2.5K	9.50	1.70	1/2 - 20UNF	1/2 - 13UNC
3K	11.00	1.70	1/2 - 20UNF	1/2 - 13UNC
5K	12.63	2.47	3/4 - 16UNF	3/4 - 10UNC
10K	12.13	2.47	3/4 - 16UNF	3/4 - 10UNC

LOAD CELLS - CAS-SB

Specifications			
Rated Output (mV/V)	3.00 +/- 0.1%	Insulation Resistance	2000 Megohms (CAS-SB)
	2.00 +/- 0.1% (CAS-SB-SSW)		5000 Megohms
Nonlinearity	+/- 0.03% FS	Excitation Voltage	10V AC/DC (20V Max)
Hysteresis	+/- 0.02% FS	Compensated Temp. Range	-10°C - +40°C
Repeatability	+/- 0.01% FS	Operating Temp. Range	-20°C - +60°C
Creep (30 minutes)	+/- 0.02% FS	Safe Overload	150% FS
Zero Balance	+/- 1.00% FS	Cable Length	20' Standard Cable
Temp. Effect on Zero	+/- 0.0027% of rated output/°C	Cable Color Code	Input
Temp. Effect on Output	+/- 0.0015% of applied output/°C		Green +Excitation
Input Impedance	385 +/- 10 ohms		Black -Excitation
Output Impedance	350 +/- 3 ohms		Output
			White +Signal
			Red -Signal
Seal Type	Environmentally-Sealed, IP 67	Approvals	NTEP (Load Cell Only): 08-109
	Welded-Seal, IP 67 (CAS-SB-SSW)		FM



Models

Isolated Tension Mount Assembly with Alloy Steel Load Cell			
Model #	Capacity	Model #	Capacity
*CAS-SBM-50L	50lb	CAS-ITCM-1AM	1.5K
CAS-SBM-100L	100lb	CAS-ITCM-2M	2K
CAS-ITCM-200L	200lb	CAS-ITCM-2AM	2.5K
CAS-ITCM-250L	250lb	CAS-ITCM-3M	3K
CAS-ITCM-300L	300lb	CAS-ITCM-5M	5K
CAS-ITCM-500L	500lb	CAS-ITCM-10M	10K
CAS-ITCM-750L	750lb	CAS-ITCM-15M	15K
CAS-ITCM-1M	1K	CAS-ITCM-20M	20K

*NON-NTEP

Kits Available

3 Mount or 4 Mount Kits available. Kits will include the CAS SS34AS NEMA 4X Stainless Steel Junction Box with 4 cell signal trim summing card and 25' of cable.



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Specifications are subject to change for improvement without prior notice.