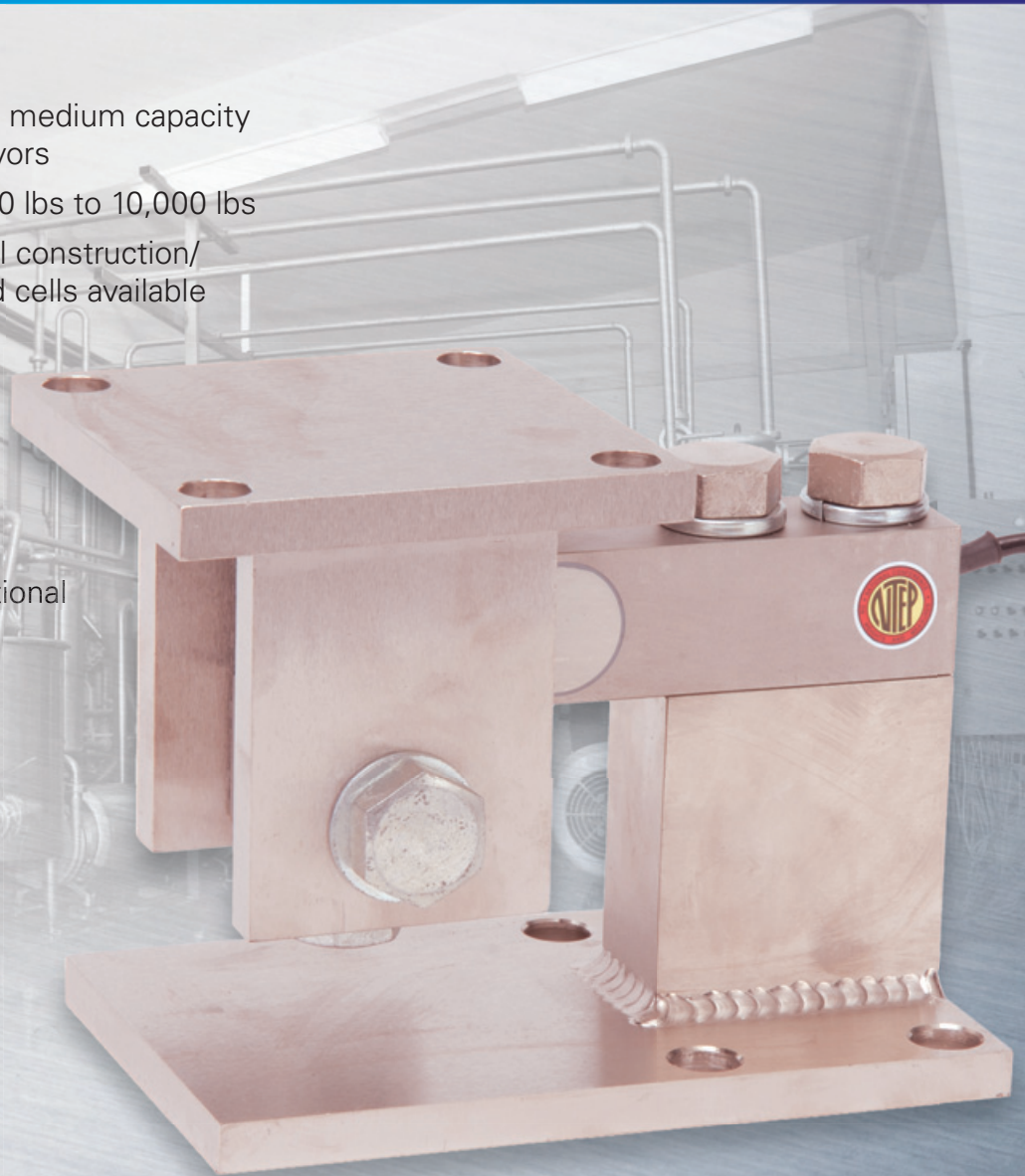


CAS^{23M} SERIES

Tank Mount

- Designed for use in light to medium capacity tanks, hoppers, and conveyors
- Capacities ranging from 250 lbs to 10,000 lbs
- Mild steel or stainless steel construction/
Stainless steel welded load cells available
- Ideal for indoor or outdoor process control applications
- Center pivoted tension loading
- Unique spherical washer design provides multidirectional movement w/self checking capabilities
- Adjustable height



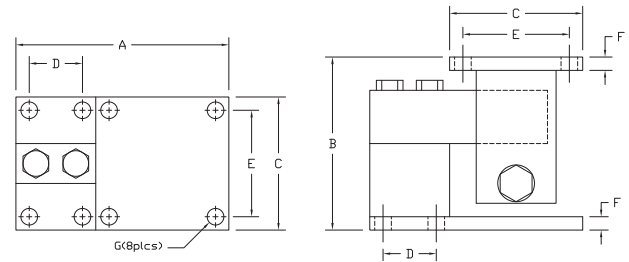
CAS

www.cas-usa.com

CAS^{23M} SERIES | Tank Mount

DIMENSIONS

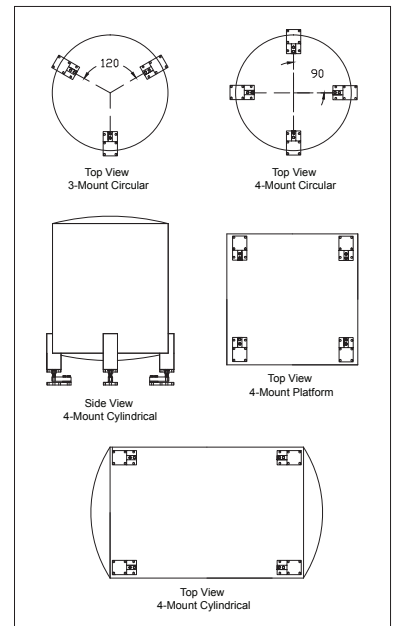
Rated Capacity	Dimensions						
	A	B	C	D	E	F	G
250lbs - 5Kse	7.00	5.00	5.00	2.00	4.00	0.50	0.62
5K - 10K	8.00	6.50	5.00	3.00	4.00	0.50	0.62



LOAD CELLS - CAS-23LA, CAS-23LS, CAS-23LW2, CAS-23LW3

Specifications				
Rated Output (mV/V)	3.00 +/- 0.1%	Insulation Resistance	5000 Megohms	
	2.00 +/- 0.1% (CAS23-SSW-02)		Excitation Voltage	10V AC/DC (20V Max)
Nonlinearity	+/- 0.03% FS	Compensated Temp. Range	-10°C - +40°C	
Hysteresis	+/- 0.02% FS	Operating Temp. Range	-20°C - +60°C	
Repeatability	+/- 0.01% FS	Safe Overload	150% FS	
Creep (30 minutes)	+/- 0.02% FS	Cable Length	20' Standard Cable	
Zero Balance	+/- 1.00% FS	Cable Color Code		
Temp. Effect on Zero	+/- 0.0027% of rated output/°C	Input	Green +Excitation	
Temp. Effect on Output	+/- 0.0015% of applied output/°C		Black -Excitation	
Input Impedance	385 +/- 10 ohms	Output	White +Signal	
Output Impedance	350 +/- 3 ohms		Red -Signal	
Seal Type	CAS-23/23LS	Environmentally-Sealed, IP 67	Approvals	NTEP (Load Cell Only): 08-099
	CAS-23LW2/LW3	Welded-Seal, IP 67		FM

APPLICATION



Models

Alloy Steel Load Cell with Mild Steel Mount			
Model #	Capacity	Model #	Capacity
CAS-23M-250L	250 lb	CAS-23M-2AM	2.5K
CAS-23M-500L	500 lb	CAS-23M-4M	4K
CAS-23M-1M	1K	CAS-23M-5SM	5K
CAS-23M-1AM	1.5K	CAS-23M-5M	5K
CAS-23M-2M	2K	CAS-23M-10M	10K

Stainless Steel Welded Load Cell* with Stainless Steel Mount			
Model #	Capacity	Model #	Capacity
CAS-23MW-1M	1K	CAS-23MW-5SM	5K
CAS-23MW-2M	2K	CAS-23MW-5M	5K
CAS-23MW-2AM	2.5K	CAS-23MW-10M	10K
CAS-23MW-4M	4K		

* Uses CAS-23LW2 (2mv/v) or CAS-23LW3 (3mv/v)

Stainless Steel Load Cell with Stainless Steel Mount	
Model #	Capacity
CAS-23MS-250L	250 lb
CAS-23MS-500L	500 lb
CAS-23MS-1M	1K
CAS-23MS-1AM	1.5K
CAS-23MS-2M	2K
CAS-23MS-2AM	2.5K
CAS-23MS-4M	4K
CAS-23MS-5SM	5K
CAS-23MS-5M	5K
CAS-23M-10M	10K

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.



99 Murray Hill Parkway
East Rutherford, NJ 07073
TEL: (201) 933-9002
FAX: (201) 933-9025
<http://www.cas-usa.com>

Specifications are subject to change for improvement without prior notice.