

CAS⁵²¹³ SERIES

Tank Mount

- Sliding system designed for light to medium capacity hopper, tank, and mixer weighing
- Capacities ranging from 500 lbs to 22,500 lbs
- Stainless steel load cell with complete hermetic seal Protected to IP68/IP69K standards
- Galvanized & stainless steel assemblies
- 2 directional bumpers and free sliding mounts available



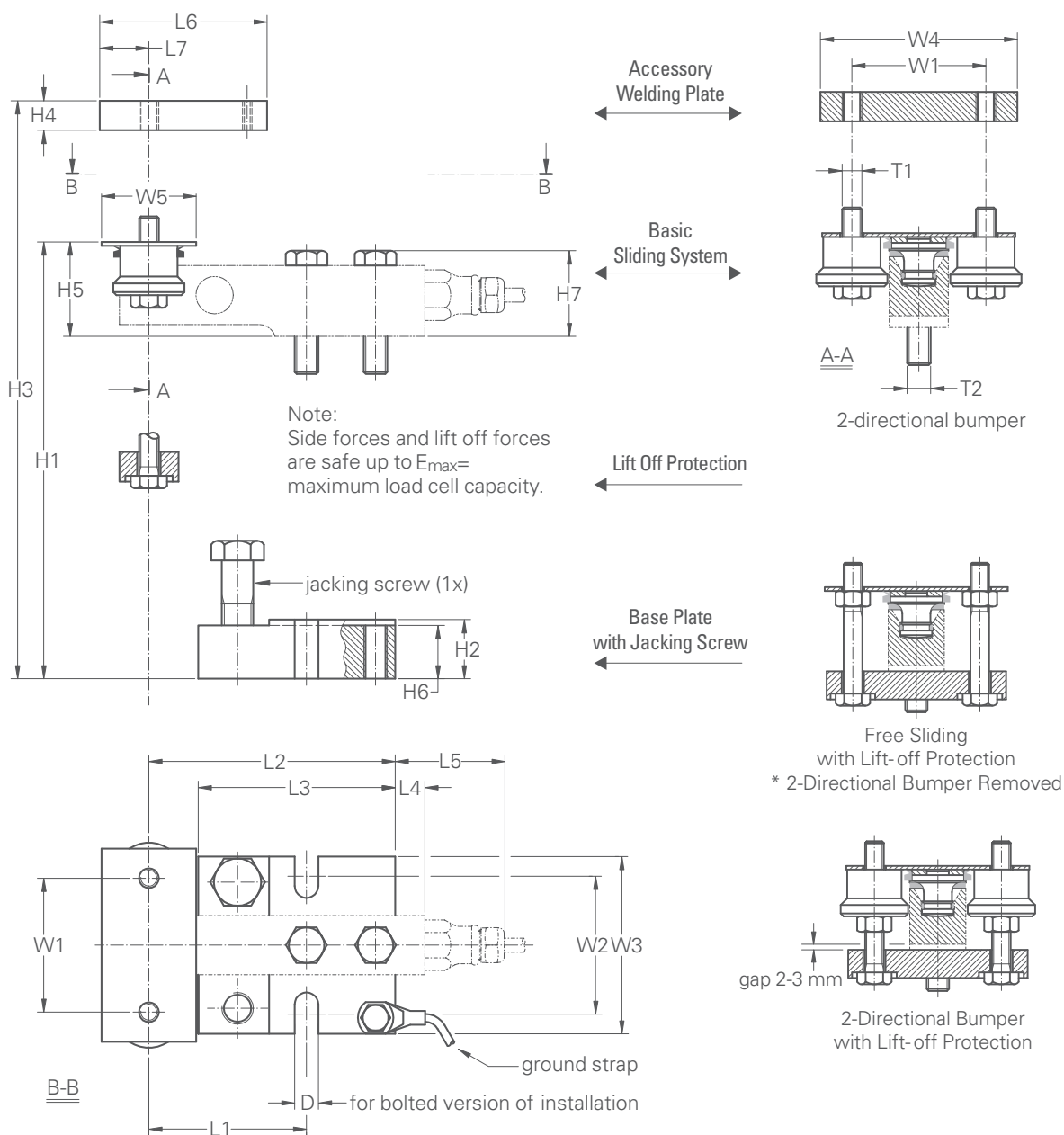
CAS

www.cas-usa.com

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DIMENSIONS

Load Cell Type	H1	H2	H3	H4	H5	H6	H7	L1	L2	L3	L4	L5	L6	L7	W1	W2	W3	W4	W5	D	T1	T2
SB14-500/1000/2500/5000 lbs	2.95	1.38	3.54	0.59	1.69	1.26	1.54	3.15	4.92	3.94	-	1.46	3.35	0.98	2.68	2.76	3.54	3.94	1.89	0.51	M10	M12
SB4-1125/2250/4500 lbs	2.95	1.18	3.54	0.59	1.89	1.06	1.73	3.15	4.92	3.94	0.59	2.20	3.35	0.98	2.68	2.76	3.54	3.94	1.89	0.51	M10	M12
SB4-22500 lbs	5.31	1.97	6.30	0.98	3.54	1.77	3.46	5.31	8.07	6.30	0.39	2.01	5.31	1.38	4.72	5.12	5.91	7.09	2.68	0.79	M10	M24

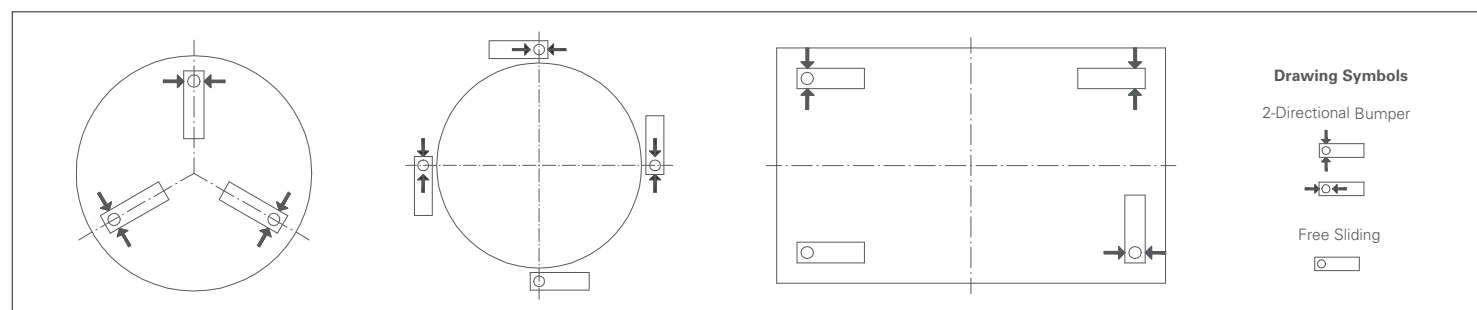


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LOAD CELLS - CAS-SB14, SB4

Specifications				
Combined Error	≤ +/- 0.0500%*RO	Excitation Voltage		5...15 V
Rated Output (mV/V)	2.00 +/- 0.1%	Compensated Temp. Range		-10°C... +40°C
Nonlinearity	≤ +/- 0.0400%*RO	Operating Temp. Range		-40°C... +80°C (ATEX -40°C... +60°C)
Hysteresis	≤ +/- 0.0400%*RO	Safe Load Limit		200%*E _{max}
Creep Error (30 minutes)	≤ +/- 0.0600%*RO	Ultimate Load		300%*E _{max}
Zero Balance	≤ +/- 5%*RO	Safe Side Load		100%*E _{max}
Temp. Effect on Min. Dead Load Output	≤ +/- 0.0400%*RO / 10°C	Shielded, 4 Conductor Cable, Cable Jacket- Polyurethane		
		Cable Length		3m
				4.5m (SB4-22,5000lb)
Input Resistance	1 100 +/- 50 ohms	Cable Color Code	Input	Green +Excitation
Output Resistance	1 000 +/- 2 ohms			Black -Excitation
Insulation Resistance	≥ 5000 Megohms		Output	White +Signal
Seal Type	Complete Hermetic Sealing, IP68 (up to 2m water depth)/IP69K			Red -Signal
				Yellow Shield
		Approvals		NTEP
				FM Approved

APPLICATION



Models

Stainless Steel Load Cell with Galvanized Steel Mount			
Model #	Capacity	Model #	Capacity
CAS-5213SG-500L	500 lb	CAS-5213SG-2AM	2.5K
CAS-5213SG-1M	1K	CAS-5213SG-5M	5K
CAS-5213LG-5M	1125 lbs	CAS-5213LG-20M	4500 lbs
CAS-5213LG-10M	2250 lbs	CAS-5213LG-100M	22500 lbs

Stainless Steel Load Cell with Stainless Steel Mount			
Model #	Capacity	Model #	Capacity
CAS-5213S-500L	500 lb	CAS-5213S-2AM	2.5K
CAS-5213S-1M	1K	CAS-5213S-5M	5K
CAS-5213L-5M	1125 lbs	CAS-5213L-20M	4500 lbs
CAS-5213L-10M	2250 lbs	CAS-5213L-100M	22500 lbs

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.



WE WEIGH THE WORLD™

More Products in the CAS Industrial Product Line



CAS

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Specifications are subject to change for improvement without prior notice.



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