

## Alloy Steel

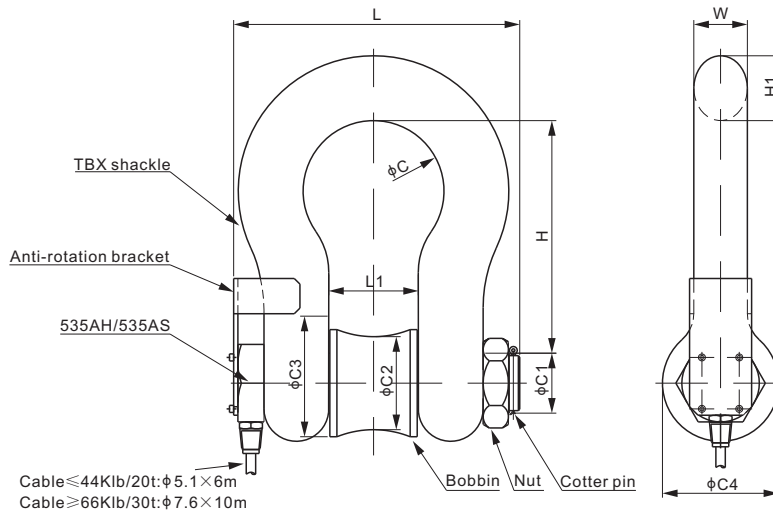


Load Cell Certifications:



### Features:

- Material: Alloy steel
- Capacities: 5t, 10t, 15t, 20t, 30t, 50t, 100t
- Load pin and shackle integration
- Bobbin design provides high accuracy and repeatability
- High tensile shackle meets ISO2415-2004 requirements
- Bridge Impedance: 350 Ohms
- Full Scale Output: 2.5mV/V ± 0.25%
- Non-linearity: ≤1% of full scale
- Repeatability: ≤0.5% of full scale
- Hysteresis error: ≤1% of full scale
- Test Load: 2 times of the rated capacity
- Total Error: 1% of full scale
- IP Rating: IP67



### DIMENSIONS

LOAD CELL CAPACITY	C	C1	C2	C3	C4	H	H1	L	L1	W
<b>t/mm</b>										
5	43	20	30	34	38	60.5	17.5	101	27	16
10	58.5	30	45	50	60.5	95	27	146	43	25.5
15	74	33	50	55	68.5	108	32	160	46	29.5
20	92	39	58	65	84	133.5	38	186	57	36
30	98.5	42	63	70	92	146	41	205	60.5	39
50	146	60	90	100	122	197	61	295	82.5	53
100	200	85	128	142	165	330	92	436	127	76
<b>klb/inches</b> (conversion of above dimensions)										
11.01	1.69	0.79	1.18	1.34	1.50	2.38	0.69	3.98	1.06	0.63
22.02	2.30	1.18	1.77	1.97	2.38	3.74	1.06	5.75	1.69	1.00
33.03	2.91	1.30	1.97	2.17	2.70	4.25	1.26	6.30	1.81	1.16
44.05	3.62	1.54	2.28	2.56	3.31	5.26	1.50	7.33	2.24	1.42
66.08	3.88	1.65	2.48	2.76	3.62	5.75	1.61	8.08	2.38	1.54
110.13	5.75	2.36	3.55	3.94	4.80	7.76	2.40	11.61	3.25	2.09
220.26	7.87	3.35	5.04	5.59	6.50	12.99	3.62	17.17	5.00	2.99

### PART NUMBER

Load Cell Capacity	Part No.	Shipping Weight (kg) Approx.
5t.....	535AHM2-5t.....	1.2
10t.....	535AHM2-10t.....	3.6
15t.....	535AHM2-15t.....	5.4
20t.....	535AHM2-20t.....	6.3
30t.....	535AHM2-30t.....	7.4
50t.....	535AHM2-50t.....	17.0
100t.....	535AHM2-100t.....	63.0