

FEATURES AND BENEFITS

- Robust construction
- Compact size and low headroom
- Every Loadshackle proof tested
- Lightweight
- Unrivalled resolution
- Environmentally sealed to IP67 or NEMA6
- Advanced options available for subsea applications
- Manufactured using industry leading brand shackles
- mv/v or analog signal options
- Design validated by F.E.A.



Requires connection to Crosby Straightpoint's Handheld plus (HHP) or External Amplifier range (SA-3420) that can be configured to provide 4-20mA output for PLC or data logger integration.

Crosby Straightpoint's Loadshackle is available from stock in capacities of 3.25t to 500t, as well as being obtainable up to 3000t.

Manufactured from Crosby's industry-leading G-2130 Carbon and G-2140 Alloy Bolt Type Anchor Shackle, the product offers reduced overall weight and headroom, providing a great fit for low headroom applications.

Utilising the same advanced microprocessor based electronics as all Straightpoint products, the cabled Loadshackle benefits from high sampling rates, extreme resistance to industrial level noise and unprecedented stability.

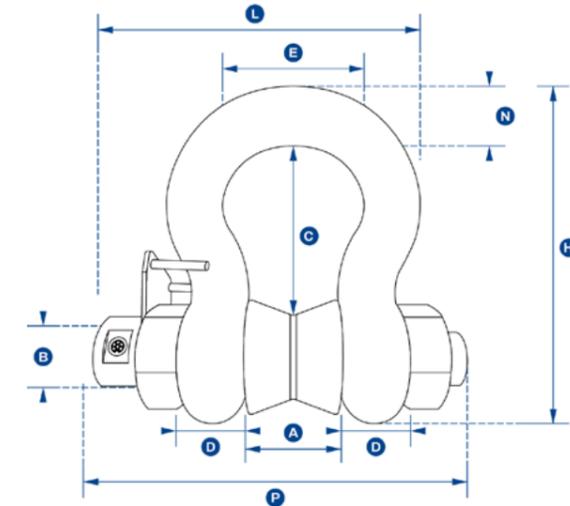
A huge range of tooling allows Straightpoint to calibrate in shackle for extra accuracy, unlike many other load cell manufacturers. Their cabled Loadshackles are also in capacities of 3.25t to 500t, as well as being obtainable up to 3000t.

Loadshackles are also environmentally sealed to IP67 or NEMA6 and, as an option, sealed for permanent submersion for sub-sea use.

The cabled Loadshackle range can be used with digital displays, including the Straightpoint Handheld plus, PLCs, data acquisition systems (DAQ), etc.

They are configured with a vast array of output formats to include mV/V, RS-422, RS-485, utilising the ASCII, MODBUS RTU and CAN-BUS protocols or supplied with integral amplifier allowing analogue outputs such as 4-20mA, 0-10v, 0-5v etc.

Whether used in heavy lifting, mooring anchor placement or sub-sea applications, Straightpoint's cabled Loadshackle offers robust construction, advanced electronics, industry leading resolution and accuracy - all at a cost-effective, affordable price.



SP Model	SLB3.25T	SLB6.5T	SLB12T	SLB25T	SLB55T	SLB85T	SLB120T	SLB200T	SLB300T	SLB400T	SLB500T
Crosby Part	2789106	2789111	2789103	2789105	2789110	2789112	2789102	2789104	2789107	2789108	2789109
Capacity	3.25te 7150lb	6.5te 14300lb	12te 26400lb	25te 55000lb	55te 120000lb	85te 185000lb	120te 260000lb	200te 440000lb	300te 660000lb	400te 880000lb	500te 1100000lb
Resolution	0.005te 10lb	0.005te 10lb	0.01te 20lb	0.02te 50lb	0.05te 100lb	0.05te 100lb	0.1te 200lb	0.2te 200lb	0.5te 1000lb	0.5te 1000lb	0.5te 1000lb
Weight	2.8kg 6.16lb	3.2kg 7lb	8kg 17.6lb	18kg 40lb	25kg 55lb	85kg 187lb	125kg 276lb	260kg 573lb	405kg 893lb	662kg 1459lb	785kg 1731lb
Protection	IP67 / NEMA6										
Safety Factor	5:1 when used with bobbin										
Operating Temp	-10 to +50 °C / 14 to 122°F										
Accuracy	+/- 1% FS										
Dimension A	26.9 1.06	36.6 1.44	51.5 2.03	73 2.87	82.5 3.25	127 5.00	144 5.66	180 7.09	205 8.07	230 9.06	250 9.84
Dimension ØB	19.1 0.75	25.4 1.00	35.1 1.38	51 2.01	57 2.24	83 3.26	95 3.74	125 4.92	150 5.91	175 6.89	185 7.28
Dimension C	56.9 2.24	79.7 3.14	113 4.45	170 6.69	189.5 7.46	317 12.48	364 14.33	432.2 17.02	505 19.88	547.7 21.56	614 24.17
Dimension D	14.46 0.57	20.6 0.81	29.5 1.16	44.5 1.75	51 2.01	80 3.14	89 3.50	110 4.33	120 4.72	160 6.30	160 6.30
Dimension E	42.9 1.69	58 2.28	82.5 3.25	127 5.00	146 5.75	190 7.48	238 9.37	280 11.02	305 12.01	325 12.80	350 13.78
Dimension H	106 4.17	148 5.83	210 8.27	313 12.32	348 13.70	539 21.22	624 24.56	769 30.28	904 35.59	1006.5 39.63	1117 43.98
Dimension L	125 4.92	146.5 5.77	191 7.52	265 10.43	296 11.65	384 15.11	434 17.12	519.7 20.46	576.7 22.70	657.2 25.87	705 27.76
Dimension N	17.5 0.69	24.6 0.97	35.1 1.38	57 2.24	61 2.40	85 3.34	95 3.74	120 4.72	140 5.51	160 6.30	180 7.09
Dimension P	140 5.51	163 6.42	212 8.35	280 11.02	307 12.09	438 17.24	478 18.81	590 23.23	647 25.47	755 29.72	776 30.55
Crosby Shackle	G2130				G2140		S2135				



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