

Also available with hazardous area approval. Zones 0, 1 & 2



ATEX / IECEx

Ex ia II C T4 Ga

Certification numbers:

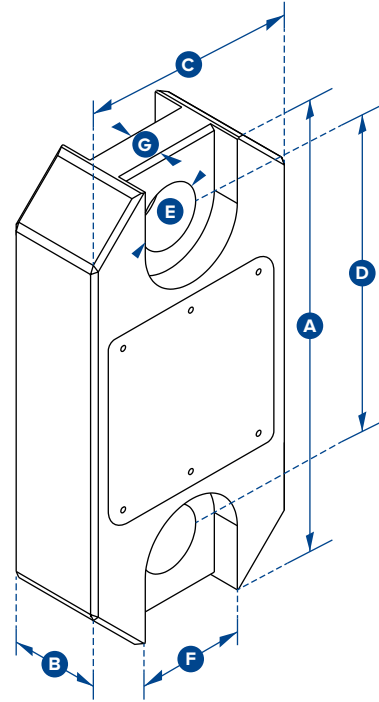
RLP ATEX

IECEx SIR 15.0071X / Sira 15ATEX2195X

SW-HHP ATEX

IECEx SIR 15.0072X / Sira 15ATEX2196X

Add 'ATEX' to the part number when ordering ATEX/IECEx products.
For example: RLP6T5-ATEX



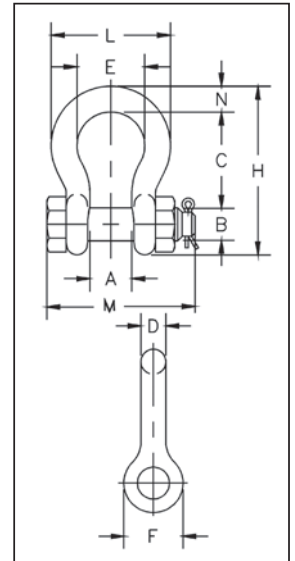
Part Numbers														
SP	RLP1T	RLP2T5	RLP6T5	RLP12T	RLP25T	RLP35T	RLP55T	RLP75T	RLP100T	RLP150T	RLP200T	RLP250T	RLP300T	RLP500T
Crosby	2789084	2789089	2789094	2789082	2789088	2789091	2789093	2789095	2789081	2789083	2789085	2789087	2789090	2789092
Capacity	1,000kg 2200lb	2.5te 5500lb	6.5te 14300lb	12te 26000lb	25te 55000lb	35te 77000lb	55te 120000lb	75te 165000lb	100te 220000lb	150te 330000lb	200te 440000lb	250te 550000lb	300te 660000lb	500te 1100000lb
Resolution	0.5kg 1lb	0.001te 2lb	0.001te 2lb	0.002te 5lb	0.005te 10lb	0.005te 10lb	0.01te 20lb	0.01te 20lb	0.05te 100lb	0.05te 100lb	0.1te 200lb	0.1te 200lb	0.1te 200lb	0.1te 200lb
Units	kg lb	te lb	te lb	te lb	te lb	te lb	te lb	te lb	te lb	te lb	te lb	te lb	te lb	te lb
Weight	1.5kg 3.3lb	1.5kg 3.3lb	2.4kg 5.3lb	3.7kg 8.2lb	5kg 11lb	8.6kg 19lb	13kg 28.7lb	16kg 35.3lb	34kg 75lb	46kg 101.4lb	82kg 180.8lb	82kg 180.8lb	118kg 260lb	193kg 425.5lb
Safety Factor	12:1	7:1	7:1	7:1	5:1	5:1	5:1	5:1	5:1	4:1	5:1	4:1	5:1	5:1
Battery Type	Handheld 2 x AA / Load cell 4 x AA													
Battery Life	Handheld - 40 hours / Load cell 1200 hours continuous (Load cell 500 hours if Bluetooth)													
Display Type	240 x 128 pixel Multi-line dot matrix with backlight													
Operating Temp	-10°C to +50°C or 14°F to 122°F													
Accuracy	±0.1% of full scale													
Frequency	2.4 GHz													
System Range	1000 metres or 3280 feet (100 metres or 328 feet if Bluetooth) (500 metres or 1640 feet if ATEX/IECEx)													
Data Rate	3 Hz - up to 200 Hz can be ordered for dynamic load monitoring applications													
Protection	IP67 or NEMA6													
Dimension A	204 8.03"	204 8.03"	249 9.80"	305 12.01"	340 13.39"	393 15.47"	424 16.69"	470 18.50"	608 23.94"	670 26.38"	700 27.56"	700 27.56"	806 31.73"	930 36.61"
Dimension B	43 1.69"	43 1.69"	43 1.69"	47 1.85"	60 2.36"	75 2.95"	75 2.95"	75 2.95"	99 3.90"	99 3.90"	144 5.67"	144 5.67"	150 5.91"	150 5.91"
Dimension C	104 4.09"	104 4.09"	113 4.45"	113 4.45"	115 4.53"	126 4.96"	180 7.09"	202 7.95"	255 10.04"	303 11.93"	350 13.78"	350 13.78"	426 16.77"	570 22.44"
Dimension D	146 5.75"	146 5.75"	165 6.50"	193 7.60"	215 8.46"	225 8.86"	230 9.06"	260 10.24"	320 12.60"	360 14.17"	350 13.78"	350 13.78"	350 13.78"	450 17.72"
Dimension ØE	24.5 0.96"	24.5 0.96"	38 1.50"	47.5 1.87"	55 2.17"	60 2.36"	76 2.99"	76 2.99"	109 4.29"	109 4.29"	145 5.71"	145 5.71"	160 6.30"	200 7.87"
Dimension F	48 1.89"	48 1.89"	65 2.60"	Not relevant in this capacity										
Dimension G	19 0.75"	19 0.75"	32 1.26"											
Crosby Shackle	G2130						G2140						G2160	
Loading Pin Ø	19 3/4"	19 3/4"	25 1"	35 1 3/8"	51 2"	57 2 1/4"	57 2 1/4"	70 2 3/4"	83 3 1/4"	95 3 3/4"	121 4 3/4"	127 5"	152 6"	180 7 1/8"

Crosby® Bolt Type Shackles



G-2130 / S-2130
Bolt Type Anchor shackles with thin head bolt - nut with cotter pin. Meets the performance requirements of Federal Specification RR-C-271F Type IVA, Grade A, Class 3, except for those provisions required of the contractor. For additional information, see page 452.

- Capacities 1/3 thru 150 metric tons, grade 6.
- Working Load Limit and grade "6" permanently shown on every shackle.
- Forged – Quenched and Tempered, with alloy bolts.
- Hot Dip galvanized or self colored. (85, 120, and 150 metric ton shackles are all hot dip galvanized bows and the bolts are Dimetcoated® and painted red)
- Fatigue rated (1/3t - 55t).
- Shackles 25t and larger are **RFID EQUIPPED**.
- Approved for use at -40 degree C (-40 degree F) to 204 degree C (400 degree F).
- Meets or exceeds all requirements of ASME B30.26.
- Shackles 85 metric tons and larger are individually proof tested to 2.0 times the working load limit.
- Type Approval certification in accordance with ABS 2007 Steel Vessel Rules 1-11-17.7 and ABS Guide for Certification on Cranes available. Certificates available when requested at time of order and may include additional charges
- 3.1 Certification as standard available for charpy and statistical proof test from 3.25t up to 25 tons to DNV2.7-1 and EN13889.
- Crosby 3.25t through 25t G2130OC anchor shackles are type approved to DNV Certification Notes 2.7-1- Offshore Containers. These Crosby shackles are statistical proof and impact tested to 42 joules (31 ft-lbs.) min. avg. at -20 degree C (-4 degree F). The tests are conducted by Crosby and 3.1 test certification is available upon request. Refer to page 88 for Crosby COLD TUFF® shackles that meet the additional requirements of DNV rules for certification of lifting applications - Loose Gear.
- All other 2130 shackles can meet charpy requirements of 42 joules (31 ft-lbs) avg at -20 degree C (-4 degree F) when requested at time of order.
- Look for the Red Pin® . . . the mark of genuine Crosby quality.



Shackles

Load Rated **Fatigue Rated**



QUIC-CHECK®



MAXTOUGH®



SEE APPLICATION INFORMATION
On Page 92 of the General Catalog
Para Español: www.thecrosbygroup.com

G-2130 / S-2130 Bolt Type Anchor Shackles

Nominal Size (in.)	Working Load Limit (t)*	Stock No.			Weight Each (lbs.)	Dimensions (in.)										Tolerance +/-	
		G-2130	S-2130	G-2130OC		A	B	C	D	E	F	H	L	M	N	C	A
3/16	1/3 ‡	1019464	—	—	.06	.38	.25	.88	.19	.60	.56	1.47	.98	1.29	.19	.06	.06
1/4	1/2	1019466	—	—	.11	.47	.31	1.13	.25	.78	.61	1.84	1.28	1.56	.25	.06	.06
5/16	3/4	1019468	—	—	.22	.53	.38	1.22	.31	.84	.75	2.09	1.47	1.82	.31	.06	.06
3/8	1	1019470	—	—	.33	.66	.44	1.44	.38	1.03	.91	2.49	1.78	2.17	.38	.13	.06
7/16	1-1/2	1019471	—	—	.49	.75	.50	1.69	.44	1.16	1.06	2.91	2.03	2.51	.44	.13	.06
1/2	2	1019472	1019481	—	.79	.81	.64	1.88	.50	1.31	1.19	3.28	2.31	2.80	.50	.13	.06
5/8	3-1/4	1019490	1019506	1262013	1.68	1.06	.77	2.38	.63	1.69	1.50	4.19	2.94	3.56	.69	.13	.06
3/4	4-3/4	1019515	1019524	1262022	2.72	1.25	.89	2.81	.75	2.00	1.81	4.97	3.50	4.15	.81	.25	.06
7/8	6-1/2	1019533	1019542	1262031	3.95	1.44	1.02	3.31	.88	2.28	2.09	5.83	4.03	4.82	.97	.25	.06
1	8-1/2	1019551	1019560	1262040	5.66	1.69	1.15	3.75	1.00	2.69	2.38	6.56	4.69	5.39	1.06	.25	.06
1-1/8	9-1/2	1019579	1019588	1262059	8.27	1.81	1.25	4.25	1.13	2.91	2.69	7.47	5.16	5.90	1.25	.25	.06
1-1/4	12	1019597	1019604	1262068	11.71	2.03	1.40	4.69	1.29	3.25	3.00	8.25	5.75	6.69	1.38	.25	.06
1-3/8	13-1/2	1019613	1019622	1262077	15.83	2.25	1.53	5.25	1.42	3.63	3.31	9.16	6.38	7.21	1.50	.25	.13
1-1/2	17	1019631	1019640	1262086	19.00	2.38	1.66	5.75	1.53	3.88	3.63	10.00	6.88	7.73	1.62	.25	.13
1-3/4	25	1019659	1019668	1262095	33.91	2.88	2.04	7.00	1.84	5.00	4.19	12.34	8.80	9.68	2.25	.25	.13
2	35	1019677	1019686	—	52.25	3.25	2.30	7.75	2.08	5.75	4.81	13.68	10.15	10.81	2.40	.25	.13
2-1/2	55	1019695	1019702	—	98.25	4.13	2.80	10.50	2.71	7.25	5.69	17.90	12.75	13.58	3.13	.25	.25
3	† 85	1019711	—	—	154.00	5.00	3.30	13.00	3.12	7.88	6.50	21.50	14.62	15.13	3.62	.25	.25
3-1/2	† 120 ‡	1019739	—	—	265.00	5.25	3.76	14.63	3.62	9.00	8.00	24.88	17.02	17.00	4.38	.25	.25
4	† 150 ‡	1019757	—	—	338.00	5.50	4.26	14.50	4.00	10.00	9.00	25.68	18.00	17.75	4.56	.25	.25

* NOTE: Maximum Proof Load is 2.0 times the Working Load Limit. Minimum Ultimate Strength is 6 times the Working Load Limit. For Working Load Limit reduction due to side loading applications, see page 94. † Individually Proof Tested with certification. ‡ Furnished in Anchor style only and furnished with Round Head Bolts with welded handles.