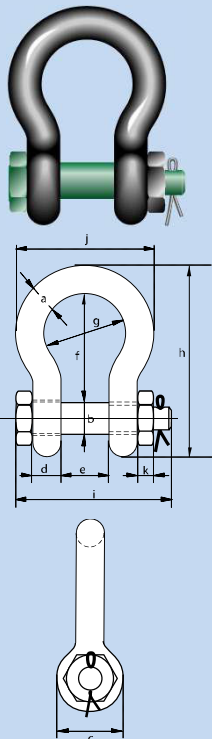


Green Pin® Polar Bow Shackles G-5163

with safety bolt, for use under extreme climatic conditions

- Material:** Body and pin alloy steel, Grade 8, quenched and tempered
Safety Factor: MBL equals 8 x WLL (WLL 55 & 85 ton, MBL equals 6)
Standard: EN 13889 and meets performance requirements of US Fed Spec RR-C-271, Type IVA Class 3, Grade B
Finish: Hot dipped galvanised
Certificate: As standard an EC declaration of conformity is supplied, also upon request a certificate of basic raw material, works certificate, and manufacturer test certificate
Temp Range: Minus 40°C up to 200°C

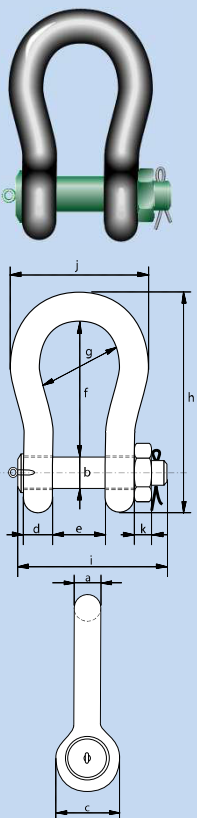


working load limit	bow dia	pin dia	eye dia	width eye	width inside	length inside	width bow	length	length bolt	width	width nut	product code	weight each
tons	a mm	b mm	c mm	d mm	e mm	f mm	g mm	h mm	i mm	j mm	k mm		kg
2	13.5	16	34	13	22	51	32	91	82	58	13	SGPBB16	0.42
3.25	16	19	40	16	27	64	43	114	98	75	17	SGPBB19	0.74
4.75	19	22	46	19	31	76	51	136	114	89	19	SGPBB22	1.18
6.5	22	25	52	22	36	83	58	157	130	102	22	SGPBB25	1.77
8.5	25	28	59	25	43	95	68	176	150	118	25	SGPBB28	2.58
9.5	28	32	66	28	47	108	75	197	166	131	27	SGPBB32	3.66
12	32	35	72	32	51	115	83	218	178	147	30	SGPBB35	4.91
13.5	35	38	80	35	57	133	92	240	197	162	33	SGPBB38	6.54
17	38	42	88	38	60	146	99	262	202	175	19	SGPBB42	8.19
25	45	50	103	45	74	178	126	314	249	216	23	SGPBB50	14.22
35	50	57	116	50	83	197	138	358	269	238	26	SGPBB57	19.85
42.5	57	65	130	57	95	222	160	414	301	274	29	SGPBB65	28.33
55	65	70	145	65	105	260	180	463	330	310	32	SGPBB70	39.59
85	75	83	162	73	127	329	190	556	380	340	40	SGPBB83	62.00

Green Pin® Heavy Duty Polar Bow Shackles P-6031

with safety bolt, for use under extreme climatic conditions

- Material:** Body and pin alloy steel, Grade 8, quenched and tempered
Safety Factor: MBL equals 5 x WLL
Finish: Bow painted silver, pin painted green (120t shackle is hot dipped galvanised)
Certificate: As standard an EC declaration of conformity is supplied, also upon request a certificate of basic raw material and manufacturer test certificate. All shackles starting from 150 tons are supplied with a Lloyd's Register of Shipping certificate on proof load
Temp Range: Minus 40°C up to 200°C



working load limit	bow dia	pin dia	eye dia	width eye	width inside	length inside	width bow	length	length bolt	width	width nut	product code	weight each
tons	a mm	b mm	c mm	d mm	e mm	f mm	g mm	h mm	i mm	j mm	k mm		kg
120	95	95	208	91	147	400	238	667	440	428	50	SGOBB95	110
150	105	108	238	102	169	410	275	688	490	485	60	SGOBB108	160
200	120	130	279	113	179	513	290	838	520	530	60	SGOBB130	235
250	130	140	299	118	205	554	305	904	560	565	65	SGOBB140	285
300	140	150	325	123	205	618	305	996	575	585	70	SGOBB150	340
400	170	175	376	164	231	668	325	1114	690	665	70	SGOBB175	560
500	180	185	398	164	256	718	350	1190	720	710	70	SGOBB185	685
600	200	205	444	189	282	718	375	1243	810	775	70	SGOBB205	880
700	210	215	454	204	308	718	400	1263	870	820	70	SGOBB215	980
800	210	220	464	204	308	718	400	1270	870	820	70	SGOBB220	1100
900	220	230	485	215	328	718	420	1296	920	860	70	SGOBB230	1280
1000	240	240	515	215	349	718	420	1336	940	900	70	SGOBB240	1460
1250	260	270	585	230	369	768	450	1456	1025	970	70	SGOBB270	1990
1500	280	290	625	230	369	818	450	1556	1025	1010	70	SGOBB290	2400