



Green Pin® Sling Shackle BN

High load capacity bow shackle with safety bolt



Highlights

- ✓ Saves on cost of wire/synthetic rope due to less wear
- ✓ Excellent choice for heavy lifting projects
- ✓ Double safety (cotter pin & safety bolt)
- ✓ Superior stock availability of 99%
- ✓ Conforms to wide range of certifications (e.g. DNV)

Description

The Green Pin® Sling Shackle BN is a high load capacity bow shackle with a safety bolt and a fixed nut. The Sling Shackle BN is an excellent choice for heavy lifting projects due to the shape of the shackle crown. Compared to the standard Green Pin® Heavy Duty Shackles, Sling Shackles have an increased bow radius to improve your sling's resistance to wear and tear and enable you to use a lighter wire rope to lift the same heavy load. This means that by using the Green Pin® Sling Shackle BN you can save on wire rope costs (however, the Green Pin® Power Sling shackle offers even bigger savings). The shackle also offers a double safety (split pin and safety bolt) which prevents accidental unscrewing of the pin. Of course, galvanization of the Green Pin® Sling Shackle BN ensures long-term durability. A wide range of certifications is also available: Green Pin® Sling Shackles BN of 75 tons and higher include a Lloyd's proofload test certificate for example. The Green Pin® Sling Shackle BN is available in a range with a working load limit from 7 up to 1550 tons.

Product details

Productcode	P-6033
Material	bow and pin alloy steel, Grade 8, quenched and tempered
Safety factor	MBL equals 5 x WLL
Finish	shackle bow painted silver, pin painted green (7 up to 55 ton shackles are hot dipped galvanized)
Certification	2.1 2.2 3.1 MTCb LROS MPIb USb CE



Green Pin® Sling Shackle BN

Technical specifications in millimeters

Article code	working load limit	Weight shackle pin	A diameter body	B diameter pin	C diameter eye	D width eye	E width inside	F length inside	G width bow	H length	I length bolt	J width	K thickness nut	L bearing surface	Net weight (kg)
SLGPF0007	7	0,99	22	22	46	19	32	96	64	153	115	110	19	41	1.97
SLGPF0012	12,5	1,82	28	28	61	25	44	120	82	197	151	146	24	54	4.27
SLGPF0018	18	2,35	35	35	69	30	54	148	102	239	171	180	29	64	6.85
SLGPF0030	30	4,23	40	42	90	35	69	165	126	279	207	200	34	79	12.5
SLGPF0040	40	4,32	55	51	109	45	84	199	140	331	252	235	38	97	20.3
SLGPF0055	55	4,6	60	57	115	55	90	240	160	389	294	270	45	100	30.4
SLGPF0075	75	11,39	68	70	126	54	110	290	185	473	317	331	40	120	49.0
SLGPF0125	125	18,59	85	80	156	85	137	366	220	583	413	390	40	150	95.0
SLGPF0150	150	27,25	94	95	181	89	147	391	253	648	445	449	50	170	125
SLGPF0200	200	36,87	110	105	201	100	158	481	280	759	480	500	50	205	190
SLGPF0250	250	54,3	126	120	229	110	179	542	300	860	535	552	60	240	264
SLGPF0300	300	79,4	136	134	246	134	195	601	350	946	590	620	70	265	360



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Technical specifications in millimeters

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SLGPF0400	400	109,65	160	160	295	145	231	576	370	995	687	710	80	320	583
SLGPF0500	500	152,78	170	180	330	160	263	681	450	1161	762	850	90	340	862
SLGPF0600	600	204,79	190	200	360	170	289	741	490	1264	827	930	100	370	1134
SLGPF0700	700	255,54	200	215	392	190	315	751	540	1284	879	901	100	400	1360
SLGPF0800	800	310,72	218	230	420	200	342	851	554	1426	942	947	110	420	1680
SLGPF0900	900	413,49	242	255	466	220	368	851	580	1488	1023	1023	120	440	1650
SLGPF1000	1000	500,56	260	270	490	240	399	851	614	1532	1103	1107	120	460	2970
SLGPF1250	1250	685,48	285	300	510	260	452	931	650	1666	1227	1182	150	530	3700
SLGPF1550	1550	833,42	285	320	550	280	483	950	680	1710	1300	1253	150	560	4000

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Technical specifications in inches

Article code	working load limit	Weight shackle pin	A diameter body (inch)	B diameter pin (inch)	C diameter eye (inch)	D width eye (inch)	E width inside (inch)	F length inside (inch)	G width inside (inch)	H width bow (inch)	H length (inch)	I length bolt (inch)	J width (inch)	K thickness nut (inch)	L bearing surface (inch)	Net weight (LBS)
SLGPF0007	7	2,18	7/8	7/8	1 13/16	3/4	1 9/32	3 25/32	2 17/32	6	4 17/32	4 5/16	3/4	1 5/8	4.34	
SLGPF0012	12,5	4	1 1/8	1 1/8	2 3/8	1	1 3/4	4 23/32	3 1/4	7 3/4	5 15/16	5 3/4	15/16	2 1/8	9.42	
SLGPF0018	18	5,18	1 3/8	1 3/8	2 23/32	1 3/16	2 1/8	5 13/16	4 1/32	9 13/32	6 23/32	7 3/32	1 5/32	2 17/32	15.1	
SLGPF0030	30	9,33	1 9/16	1 21/32	3 17/32	1 3/8	2 23/32	6 1/2	4 31/32	10 31/32	8 5/32	7 7/8	1 11/32	3 1/8	27.5	
SLGPF0040	40	9,52	2 5/32	2	4 9/32	1 25/32	3 5/16	7 27/32	5 1/2	13 1/32	9 29/32	9 1/4	1 1/2	3 13/16	44.7	
SLGPF0055	55	10,14	2 3/8	2 1/4	4 17/32	2 5/32	3 17/32	9 7/16	6 5/16	15 5/16	11 9/16	10 5/8	1 25/32	3 15/16	67.1	
SLGPF0075	75	25,11	2 11/16	2 3/4	4 31/32	2 1/8	4 11/32	11 13/32	7 9/32	18 5/8	12 15/32	13 1/32	1 9/16	4 23/32	108	
SLGPF0125	125	40,98	3 11/32	3 5/32	6 5/32	3 11/32	5 13/32	14 13/32	8 21/32	22 15/16	16 1/4	15 11/32	1 9/16	5 29/32	209	
SLGPF0150	150	60,08	3 11/16	3 3/4	7 1/8	3 1/2	5 25/32	15 13/32	9 31/32	25 1/2	17 17/32	17 11/16	1 31/32	6 11/16	276	
SLGPF0200	200	81,28	4 11/32	4 1/8	7 29/32	3 15/16	6 7/32	18 15/16	11 1/32	29 7/8	18 29/32	19 11/16	1 31/32	8 1/16	419	
SLGPF0250	250	119,71	4 31/32	4 23/32	9 1/32	4 11/32	7 1/16	21 11/32	11 13/16	33 27/32	21 1/16	21 23/32	2 3/8	9 7/16	582	
SLGPF0300	300	175,05	5 11/32	5 9/32	9 11/16	5 9/32	7 11/16	23 21/32	13 25/32	37 1/4	23 7/32	24 13/32	2 3/4	10 7/16	794	



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Technical specifications in inches

Article code	working load limit	Weight shackle pin	A diameter body (inch)	B diameter pin (inch)	C diameter eye (inch)	D width eye (inch)	E width inside (inch)	F length inside (inch)	G width bow (inch)	H length (inch)	I length bolt (inch)	J width (inch)	K thickness nut (inch)	L bearing surface (inch)	Net weight (LBS)
SLGPF0400	400	241,73	6 5/16	6 5/16	11 5/8	5 23/32	9 3/32	22 11/16	14 9/16	39 3/16	27 1/16	27 15/16	3 5/32	12 19/32	1286
SLGPF0500	500	336,81	6 11/16	7 3/32	13	6 5/16	10 11/32	26 27/32	17 23/32	45 11/16	30	33 15/32	3 17/32	13 3/8	1901
SLGPF0600	600	451,48	7 15/32	7 7/8	14 3/16	6 11/16	11 3/8	29 3/16	19 9/32	49 3/4	32 9/16	36 5/8	3 15/16	14 9/16	2500
SLGPF0700	700	563,38	7 7/8	8 15/32	15 7/16	7 15/32	12 13/32	29 9/16	21 1/4	50 9/16	34 19/32	35 15/32	3 15/16	15 3/4	2999
SLGPF0800	800	685,03	8 19/32	9 1/16	16 17/32	7 7/8	13 15/32	33 1/2	21 13/16	56 5/32	37 3/32	37 9/32	4 11/32	16 17/32	3704
SLGPF0900	900	911,59	9 17/32	10 1/32	18 11/32	8 21/32	14 1/2	33 1/2	22 27/32	58 19/32	40 9/32	40 9/32	4 23/32	17 5/16	3638
SLGPF1000	1000	1103,55	10 1/4	10 5/8	19 9/32	9 7/16	15 23/32	33 1/2	24 3/16	60 5/16	43 7/16	43 19/32	4 23/32	18 1/8	6549
SLGPF1250	1250	1511,22	11 7/32	11 13/16	20 3/32	10 1/4	17 25/32	36 21/32	25 19/32	65 19/32	48 5/16	46 17/32	5 29/32	20 7/8	8159
SLGPF1550	1550	1837,37	11 7/32	12 19/32	21 21/32	11 1/32	19 1/32	37 13/32	26 25/32	67 5/16	51 3/16	49 11/32	5 29/32	22 1/16	8820

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Technical drawing

