



Sling Shackle BN Van Beest Green Pin® P-6033

Product information

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.

Certification on request: 2.1, 2.2, 3.1, MTCb, LROS, MPIb, USb

Material: Bow and pin alloy steel, quenched and tempered

Marking: CE-marked

Temperature range: -20°C up to +200°C

Finish: Shackle bow painted silver, pin painted green (7 up to 55 ton shackles are hot dipped galvanized)

Safety factor: 5:1

Grade: 8

Part code	WLL (metric tonnes)	a in	b mm in	c in	dmm in	e mm in	f mm in	g mm in	h mm in	i mm in	j mm in	k mm in	l mm in	Weight lb
420100701010	7	0.87	0.87	1.81	0.75	1.26	3.78	2.52	6.02	4.53	4.33	0.75	1.61	4.34
420101251010	12.5	1.1	1.1	2.4	0.98	1.73	4.72	3.23	7.76	5.94	5.75	0.94	2.13	9.41
420101801010	18	1.38	1.38	2.72	1.18	2.13	5.83	4.02	9.41	6.73	7.09	1.14	2.52	15.1
420103001010	30	1.57	1.65	3.54	1.38	2.72	6.5	4.96	10.98	8.15	7.87	1.34	3.11	27.56
420104001010	40	2.17	2.01	4.29	1.77	3.31	7.83	5.51	13.03	9.92	9.25	1.5	3.82	44.75
420105501010	55	2.36	2.24	4.53	2.17	3.54	9.45	6.3	15.31	11.57	10.63	1.77	3.94	67.02
420107501010	75	2.68	2.76	4.96	2.13	4.33	11.42	7.28	18.62	12.48	13.03	1.57	4.72	108.03
420112501010	125	3.35	3.15	6.14	3.35	5.39	14.41	8.66	22.95	16.26	15.35	1.57	5.91	209.44
420115001010	150	3.7	3.74	7.13	3.5	5.79	15.39	9.96	25.51	17.52	17.68	1.97	6.69	275.58
420120001010	200	4.33	4.13	7.91	3.94	6.22	18.94	11.02	29.88	18.9	19.69	1.97	8.07	418.88
420125001010	250	4.96	4.72	9.02	4.33	7.05	21.34	11.81	33.86	21.06	21.73	2.36	9.45	582.02
420130001010	300	5.35	5.28	9.69	5.28	7.68	23.66	13.78	37.24	23.23	24.41	2.76	10.43	793.66
420140001010	400	6.3	6.3	11.61	5.71	9.09	22.68	14.57	39.17	27.05	27.95	3.15	12.6	1,285.3
420150001010	500	6.69	7.09	12.99	6.3	10.35	26.81	17.72	45.71	30	33.46	3.54	13.39	1,900.39
420160001010	600	7.48	7.87	14.17	6.69	11.38	29.17	19.29	49.76	32.56	36.61	3.94	14.57	2,500.04
420170001010	700	7.87	8.46	15.43	7.48	12.4	29.57	21.26	50.55	34.61	35.47	3.94	15.75	2,998.29
420180001010	800	8.58	9.06	16.54	7.87	13.46	33.5	21.81	56.14	37.09	37.28	4.33	16.54	3,703.77
420190001010	900	9.53	10.04	18.35	8.66	14.49	33.5	22.83	58.58	40.28	40.28	4.72	17.32	3,637.63
420110001011	1,000	10.24	10.63	19.29	9.45	15.71	33.5	24.17	60.31	43.43	43.58	4.72	18.11	6,547.73
420112501011	1,250	11.22	11.81	20.08	10.24	17.8	36.65	25.59	65.59	48.31	46.54	5.91	20.87	8,157.11
420115501011	1,550	11.22	12.6	21.65	11.02	19.02	37.4	26.77	67.32	51.18	49.33	5.91	22.05	8,818.5

Blueprint

