LAM-É ST-PIERRE | Lifting Solutions Group
Axel Johnson International

Powertex Bow Shackle Powertex PBSP G-209

Product information

The POWERTEX Bow Shackle PBSP is a Grade 6 lifting shackle designed for demanding industrial environments where flexibility and efficiency are important. Supplied with an alloy steel screw pin, it allows quick and easy assembly and disassembly for temporary or frequently changed lifting configurations.

The bow shape supports multi-directional loading, making it suitable for use with lifting slings, chains, and wire rope assemblies. Manufactured from quenched and tempered alloy steel and hot-dip galvanized, it delivers reliable performance in daily lifting operations.

It complies with EN 13889, AS 2741 (generally), ASME B30.26, and meets the performance requirements of US Fed. Spec. RR-C-271 Type IVA Class 2 Grade A.

Best used for:

Choose the PBSP screw pin version when:

- Temporary or frequently changed lifting setups
- Applications where quick assembly and disassembly improve efficiency

Not ideal for:

- Long-term installations or applications exposed to vibration or dynamic loads, where a safety bolt shackle may be more suitable.

Product benefits:

- Screw pin allows quick installation and removal for efficient lifting setups
- Bow design accommodates multi-directional loading with slings, chains, and wire rope
- Quenched and tempered Grade 6 alloy steel provides reliable strength for lifting applications
- Hot-dip galvanized finish improves corrosion resistance in outdoor a

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Material: Forged alloy steel, supplied with alloy screw pin.
Marking: Powertex (PT or PTEX) , WLL, size, grade and batch number.
Temperature range: -40°C up to +200°C
Finish: All parts hot dip galvanized

Safety factor: 6:1
Grade: 6

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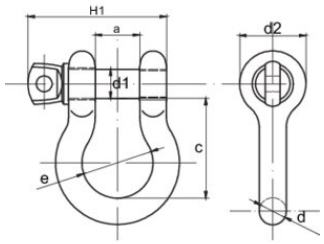
Blueprint



Technical data

Part code	WLL (metric) tonnes	Size inch	a* mm in	c* in	d in	d1 mm in	d2 mm in	e in	H1 mm in	Weight lb
-	0.33	3/16	0.39	0.89	0.2	0.25	0.57	0.61	1.14	0.06
G2091/4PT-5P	0.5	1/4	0.51	1.14	0.26	0.31	0.69	0.79	1.5	0.11
G2095/16PT-5P	0.75	5/16	0.53	1.22	0.31	0.37	0.83	0.85	1.67	0.18
G2093/8PT-5P	1	3/8	0.67	1.44	0.39	0.44	0.98	1.03	2.03	0.33
G2097/16PT-5P	1.5	7/16	0.73	1.69	0.44	0.5	1.06	1.16	2.28	0.44
G2091/2PT-5P	2	1/2	0.81	1.88	0.5	0.62	1.2	1.31	2.64	0.66
G2095/8PT-5P	3.25	5/8	1.06	2.36	0.63	0.73	1.57	1.69	3.35	1.43
G2093/4PT-5P	4.75	3/4	1.26	2.81	0.75	0.87	1.89	2.01	3.88	2.23
G2097/8PT-5P	6.5	7/8	1.46	3.33	0.87	0.98	2.13	2.28	4.49	3.31
G2091PT-5P	8.5	1	1.71	3.79	1.04	1.1	2.36	2.7	5.1	4.96
G20911/8PT-5P	9.5	1-1/8	1.89	4.29	1.14	1.26	2.68	2.95	5.67	7.17
G20911/4PT-5P	12	1-1/4	2.09	4.74	1.26	1.38	2.99	3.31	6.18	9.81
G20913/8PT-5P	13.5	1-3/8	2.32	5.28	1.38	1.5	3.31	3.7	6.73	13.12
G20911/2PT-5P	17	1-1/2	2.44	5.85	1.5	1.65	3.62	3.9	7.32	17.02
-	25	1-3/4	2.95	7.01	1.77	1.97	4.17	5.04	8.94	27.87
G2092PT-5P	35	2	3.31	7.78	2.05	2.17	4.8	5.83	9.96	41.27
G20921/2PT-5P	55	2-1/2	4.21	10.61	2.6	2.76	5.71	7.32	12.52	81.57
-	85	3	5.12	12.8	2.99	3.15	6.5	8.07	15.04	127.87

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