Lifting Solutions Group
Axel Johnson International

Sling Hook SH POWERTEX (with eye)

Product information



The POWERTEX G10 Sling Hook SH with Eye is a Grade 100 lifting hook designed for chain sling assemblies and quick attachment to suitable lifting points. The eye connection provides flexibility during assembly, while the solid latch helps retain the lifting point within the hook.

Available for chain sizes from 6 mm to 32 mm with WLLs from 1.4 t to 40 t.

Also available with a clevis connection as the POWERTEX G10 Sling Hook SHC.

Best used for

- Chain sling assemblies requiring a general-purpose lifting hook with latch.
- Applications requiring quick attachment to suitable lifting points.

Not ideal for

- Applications requiring automatic hook locking when loaded. Choose a POWERTEX G10 Self-Locking Hook (SL) instead.

Product benefits

- Solid latch helps retain the load within the hook.
- Open hook profile enables quick attachment to suitable attachment points.
- Eye connection provides flexibility when assembling chain slings.
- Grade 100 design offers 25% higher WLL than traditional Grade 80 components.
- Conforms to EN 1677 Parts 1, 2, 3 and 4 with a 25% higher WLL.
- Every forged component is crack detection tested. Production samples are proof-load tested, and the design is factory type tested.
- Fatigue tested to 20,000 cycles at 1.5 × WLL with batch traceability and a POWERTEX 2.2 certificate.
- The components may also be used with Grade 8 chain to EN 818-2. In such a case, the chain sling must be rated to Grade 8 in accordance with E

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Marking: According to standard, POWERTEX + Model (SH-6-10) + traceability code.
Temperature range: -40°C up to +200°C without reduction in WLL
Finish: Powder painted in red
Standard: EN 1677-2 (+25% WLL), AS 3776

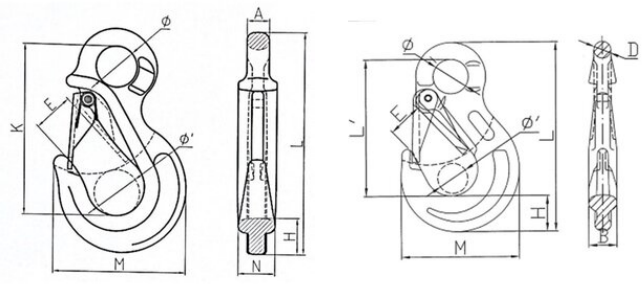
Safety factor: 4:1
Grade: 10

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Blueprint



Technical data

Part code	Code	Chain diameter mm	WLL ton	A mm	E mm	H mm	K mm	L mm	M mm	N mm	Ø mm mm	Ø' mm	B mm	D mm	L' mm	Weight kg
402300141440	SH-6-10	6	1.4	9.5	22	19	81	110	70	17	21	21	-	-	-	0.27
402300251440	SH-8-10	8	2.5	16	27	23	108	144	86	24	26	26	-	-	-	0.65
402300401440	SH-10-10	10	4	19	33	28	146	190	103	24	34	34	-	-	-	1.22
402300671440	SH-13-10	13	6.7	23	40	37	172	227	135	38	42	45	-	-	-	2.43
402301001440	SH-16-10	16	10	28.5	44	41	195	257	161	41.5	52	49	-	-	-	3.81
402301601440	SH-20-10	20	16	-	50	56	-	298	190	-	55	63	48	27	215	6.2
402301901440	SH-22-10	22	19	-	64	62	-	330	214	-	60	70	50	29	239	11.5
402302651440	SH-26-10	26	26.5	-	70	75	-	376	245	-	70	77	60	35	265	12.2
402304001440	SH-32-10	32	40	-	82	89	-	458	270	-	81.5	77	71	39	331	17.5

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