Lifting Solutions Group
Axel Johnson International

Self-Locking Hook SLS POWERTEX (slide-bearing swivel)

Product information



The POWERTEX G10 Self-Locking Hook SLS with Slide-Bearing Swivel is a Grade 100 lifting hook designed for chain sling assemblies where a secure connection to the load and easy hook positioning are required. The automatic self-locking mechanism closes and locks when the hook is loaded, while the rear release lever allows controlled opening during load attachment and removal. The slide-bearing swivel eye rotates when the hook is unloaded, making it easier to position the hook before lifting.

Available for chain sizes from 6 mm to 20 mm with WLLs from 1.4 t to 16 t.

Also available with a ball-bearing swivel as the POWERTEX G10 Self-Locking Hook SLS-B.

Best used for

- Chain sling assemblies requiring a self-locking hook with a swiveling eye for easy positioning before lifting.

Not ideal for

- Applications requiring continuous hook rotation under load. Choose the POWERTEX G10 Self-Locking Hook SLS-B with ball-bearing swivel instead.

Product benefits

- Automatic self-locking mechanism secures the load during lifting.
- Rear release lever allows controlled opening for load attachment and removal.
- Slide-bearing swivel eye rotates when unloaded for easier hook positioning.
- 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.

... *Read more*

Marking: According to standard, POWERTEX + Model (SLS-6-10) + traceability code.
Temperature range: -40°C up to +200°C without reduction in WLL
Finish: Powder painted in red
Standard: EN 1677-3 (+ 25% WLL), AS 3776

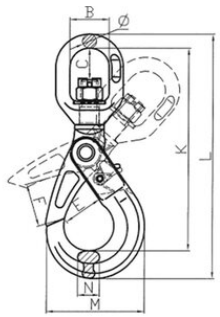
Safety factor: 4:1
Grade: 10

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Blueprint



Technical data

Part code	Code	Chain diameter mm	WLL ton	EWL mm	B mm	C mm	E mm	F mm	K mm	L mm	M mm	N mm	Ø mm mm	Weight kg
402300141420	SLS-6-10	6	1.4	152.5	32.5	25.5	28	31.5	152.5	184	73	15	11.5	0.6
402300251420	SLS-8-10	8	2.5	188	36	28.5	36	40	188	226	90	20	13	1.1
402300401420	SLS-10-10	10	4	225.5	42	35	45	46	225.5	269	108	26	15.5	2
402300671420	SLS-13-10	13	6.7	270	50	41	53.6	66	270	327	137.5	32.5	17	4
402301001420	SLS-16-10	16	10	342	70	58	61	75	342	413	170.5	38	21.5	6.8
402301601420	SLS-20-10	20	16	373	72	63	76.5	80	373	460	191.5	50	26	12.5

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