Lifting Solutions Group
Axel Johnson International

Self-Locking Hook SLS-B POWERTEX (ball-bearing swivel)

Product information



The POWERTEX G10 Self-Locking Hook SLS-B with Ball-Bearing Swivel is a Grade 100 lifting hook designed for chain sling assemblies where a secure connection and free hook rotation 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 ball-bearing swivel eye rotates both loaded and unloaded, helping maintain the correct hook orientation throughout the lift.

Available for chain sizes from 6 mm to 26 mm with WLLs from 1.4 t to 26.5 t.

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

Best used for

- Chain sling assemblies requiring a self-locking hook with continuous swivel rotation under load

Not ideal for

- Applications where hook rotation under load is not required. Choose the POWERTEX G10 Self-Locking Hook SLS with slide-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.
- Ball-bearing swivel eye rotates freely both loaded and unloaded.
- Helps maintain correct hook orientation during lifting operations.
- 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 samp

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Marking: According to standard, POWERTEX + Model (SLS-6-10B) + 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

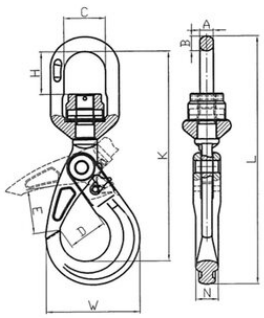
Safety factor: 4:1
Grade: 10

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Blueprint



Technical data

Part code	Code	Chain diameter mm	WLL ton	EWL mm	A mm	B mm	C mm	D mm	E mm	H mm	K mm	L mm	N mm	W mm	Weight kg
402300141430	SLS-6-10B	6	1.4	163	11.5	13.5	32.5	27	30	35	163	196	15	73	0.67
402300251430	SLS-8-10B	8	2.5	203	13	15	41	35	38	40	203	244	20	90	1.21
402300401430	SLS-10-10B	10	4	244	15.5	17.5	48	45	48	51	244	289	26	108	2.2
402300671430	SLS-13-10B	13	6.7	295	17	19	55	53.6	63	59	295	354	32.5	138	4.4
402301001430	SLS-16-10B	16	10	348	21.5	26	61	62	75	66	348	424	38	170	7.5
402301601430	SLS-20-10B	20	16	399	26.5	28.5	76	76	80	76	399	489	50	191	13.8
402301901430	SLS-22-10B	22	19	469	33	33	97	79	95	100	469	566	52	205	18.8
402302651430	SLS-26-10B	26	26.5	565	42	42	123	100	107	119	565	688	60	251	31.4

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