Lifting Solutions Group
Axel Johnson International

Self-Locking Hook SL POWERTEX (with eye)

Product information



The POWERTEX G10 Self-Locking Hook SL with Eye is a Grade 100 lifting hook designed for chain sling assemblies where a secure connection to the load is essential. 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.

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 Self-Locking Hook SLC.

Best used for

- Chain sling assemblies requiring a secure, self-locking hook.

Product benefits

- Automatic self-locking mechanism secures the load during lifting.
- Rear release lever allows controlled opening for load connection.
- 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 25% increased WLL.
- Each forged component is crack detection tested. Production samples are proof-load tested, and the design is factory-type tested.
- The design is fatigue tested to 20,000 cycles at 1.5 × WLL, with batch traceability and a POWERTEX 2.2 certificate.
- Chromium 6 free finish with replacement spare parts available to support long service life.

... *Read more*

Marking: According to standard, POWERTEX + Model (SL-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

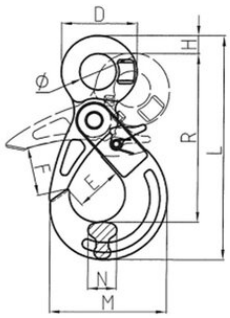
Safety factor: 4:1
Grade: 10

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Blueprint



Technical data

Part code	Code	Chain diameter mm	WLL ton	EWL mm	D mm	E mm	F mm	H mm	L mm	M mm	N mm	R mm	Ø mm mm	Weight kg
402300141390	SL-6-10	6	1.4	110	43	28	31.5	11	141	73	15	110	21	0.5
402300251390	SL-8-10	8	2.5	137	51	36	40	12	175	90	20	137	27	0.9
402300401390	SL-10-10	10	4	170	64.5	45	46	15	212	108	26	170	34.5	1.5
402300671390	SL-13-10	13	6.7	209	80	53.6	66	20	269	137.5	32.5	209	40	2.7
402301001390	SL-16-10	16	10	256	104	61	75	27	333	170.5	38	256	50	5.7
402301601390	SL-20-10	20	16	277	124	76.5	80	30	368.5	191.5	50	277	60	7.9
402301901390	SL-22-10	22	19	319	139	76	104	33	417	205	52	319	70	11.2
402302651390	SL-26-10	26	26.5	370	154	99	107	38	489	251	60	370	76	20.5
402304001390	SL-32-10	32	40	469	195	135	142	50	620	329	75	469	95	40.4

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