Lifting Solutions Group
Axel Johnson International

Self-Locking Hook SLC POWERTEX (with clevis)

Product information



The POWERTEX G10 Self-Locking Hook SLC with Clevis is a Grade 100 lifting hook designed for direct connection to Grade 100 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 22 mm with WLLs from 1.4 t to 19 t.

Also available with an eye connection as the POWERTEX G10 Self-Locking Hook SL.

Best used for

- Grade 100 chain sling assemblies requiring a direct clevis connection and secure self-locking hook.

Powertex G10 Range benefits:

- Automatic self-locking mechanism secures the load during lifting.
- Rear release lever allows controlled opening for load attachment and removal.
- Clevis connection enables direct attachment to Grade 100 lifting chain.
- 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.
- Chromium 6 free finish with replacement spare parts available to support long service life.

... *Read more*

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

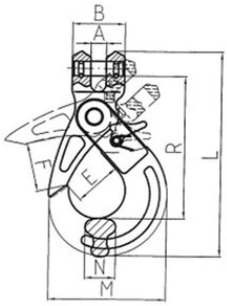
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Blueprint



Technical data

Part code	Code	Chain diameter mm	WLL ton	EWL mm	A mm	B mm	E mm	F mm	L mm	M mm	N mm	R mm	Weight kg
402300141410	SLC-6-10	6	1.4	96	8	32	28	31.5	131	73	15	96	0.5
402300251410	SLC-8-10	8	2.5	121	9.5	36	36	40	163	90	20	121	0.9
402300401410	SLC-10-10	10	4	144	12	46	45	46	194	108	26	144	1.4
402300671410	SLC-13-10	13	6.7	182	15	59	53.6	66	251	137	32.5	182	2.9
402301001410	SLC-16-10	16	10	220	18.5	70	61	75	303	168	38	220	5.5
402301601410	SLC-20-10	20	16	235	25	85	76.5	80	337	190	50	235	8.6
402301901410	SLC-22-10	22	19	271	25.5	98	76	104	386	202	52	271	12.1

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