Lifting Solutions Group
Axel Johnson International

Lever Hoist WH-L5 QP Quad Pawl

Product information



The Hackett L5 QP lever hoist incorporates the four pawl mechanical engagement functionality. The unique and patented pawl design enhances the capabilities of the hoist allowing all four pawls to engage with the ratchet gear in an offset configuration allowing finer adjustment and tensioning capability while maintaining pawl/ratchet engagement. This improves the hoists:

- Resilience to failure.
- Capability to provide finer adjustment and tensioning operations.

The design and specification of the William Hackett L5 QP lever hoist includes:

- LIGHT LOAD CAPABILITY: the L5 QP is tested and certified at 2% of the lever hoist rated capacity.
- QUAD PAWL: Quadruple safety with four pawls individually engaging with the ratchet gear.
- DABS (DUAL ANTI-LOCK BRAKE SYSTEM): allows the load chain to be adjusted in freewheel mode without locking the brake.
- PAWL SPRINGS: specially designed to work with the William Hackett patented quad pawls. The steel springs are captivated in the brake chamber protecting them against damage.
- SINTERED/FUSED FRICTION MATERIAL: the brake material is fused directly onto the ratchet gear. This reduces the number of mating faces where there is a potential of ingress of contaminates that could affect the brake performance.
- SAFETY LATCHES: the L5 QP lever hoist top and bottom hooks are fitted with heavy duty cast steel latches. The latch and hook tips are integrated creating a strong and robust hook closure.
- HOOK OVERLOAD AND TRACEABILITY MARKS: hooks have overload indicator marks either side of the hook throat (800kg to 10t). Both top and bottom hooks are embossed with a batch code, manufacturer's mark and tl

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Temperature range: -20°C up to +120°C

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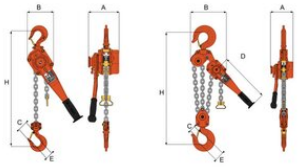
Blueprint



Technical data

Part code	WLL ton	Lifting height m	Number of falls	Extra weight per metre, extra chain kg	Load chain mm	A mm	B mm	C mm	D mm	E mm	H mm	Weight kg
500500080150630	0.8	1.5	1	0.7	5.6 x 15.7	146	119	41.5	245	27	280	5.9
500500160150630	1.6	1.5	1	1.12	7.1 x 19.9	164	126	52	265	36	335	7.4
500500320150630	3.2	1.5	1	2.23	10 x 28	196	159	61.9	415	42	395	13.7
500500630150630	6.3	1.5	2	4.46	10 x 28	196	218	84.3	415	52.5	540	26.4
500501000150630	10	1.5	3	6.69	10 x 28	196	298	-	415	59	680	40.1
500501500150630	15	1.5	6	13.38	10 x 28	196	420	-	415	80	1,000	70.2

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