Lifting Solutions Group
Axel Johnson International

# Chain Lever Hoist SS-L5 QP Quad Pawl

**Product information**

NO PICTURE

The William Hackett SS-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.

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

- LIGHT LOAD CAPABILITY: the SS-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.
- CONSTRUCTION AND DESIGN: minimises the ingress of contaminates to the internal brake mechanism surfaces.
- STAINLESS STEEL PAWL SPRINGS: specially designed to work with the William Hackett patented quad pawls. The stainless steel springs are captivated in the brake chamber protecting them against damage.
- STAINLESS STEEL FIXINGS: all internal springs, circ clips securing the pawls onto the pawl stands, nyloc nuts and socket head cap screws are stainless steel.
- 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 for ingress of contaminates that could affect the brake performance. Grooves cut into the brake material allow water to be displaced from the friction surface.
- LOAD CHAIN: the SS-L5 QP (Quad Pawl) lever hoists are fitted with load chain
- MARINE PAINT:

... *Read more*

**Temperature range:** -40°C up to +120°C.

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## 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 500500080150620 | 0.8 | 1.5 | 1 | 0.7 | 5.6 x 17 | 146 | 119 | 42 | 245 | 27 | 280 | 5.9 |
| 500500160150620 | 1.6 | 1.5 | 1 | 1.1 | 7.1 x 21 | 164 | 126 | 54.5 | 265 | 36 | 335 | 7.4 |
| 500500320150620 | 3.2 | 1.5 | 1 | 2.2 | 10 x 30 | 196 | 159 | 60.5 | 415 | 42 | 395 | 13.7 |
| 500500630150620 | 6.3 | 1.5 | 2 | 4.4 | 10 x 30 | 196 | 218 | 85.5 | 415 | 52.5 | 540 | 26.4 |
| 500501000150620 | 10 | 1.5 | 3 | 6.6 | 10 x 30 | 196 | 298 | 86 | 415 | 59 | 680 | 40.1 |
| 500501500150620 | 15 | 1.5 | 6 | 13.2 | 10 x 30 | 196 | 420 | - | 415 | 80 | 1,000 | 70.2 |

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