

William Hackett SS-L5 QP Lever Hoist

The William Hackett SS-L5 QP is the first lever hoist to incorporate 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 gear engagement. The pawl springs are totally enclosed in the brake chamber and the patented pawl design allows, however unlikely, for both pawl springs to fail and for the quad pawls to maintain full functioning engagement with the ratchet gear making the hoist safer.

William Hackett verifies that the SS-L5 QP can be safely used over a 21-day single immersion and a 31-day multi immersion period which offers operators considerable financial advantages.

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

Working load limit range: 800kg to 15 tonnes.

Light load capability: The SS-L5 QP is tested and certified at 2% of the lever hoist rated capacity.

Dabs (dual anti-lock brake system): Allows the load chain to be adjusted in freewheel mode without locking the brake.

Stainless steel pawl springs: Specially designed to work with the SS-L5 QP 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.

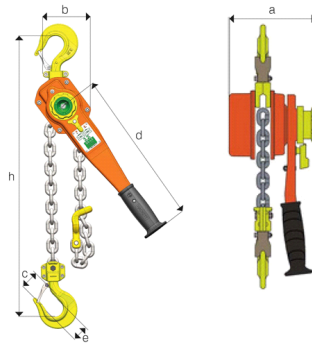
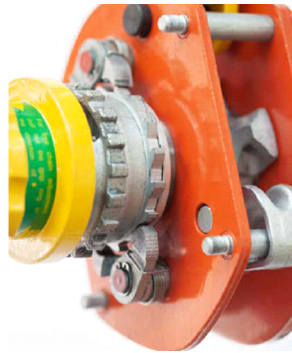
Corrosion protection: The complete brake mechanism of the SS-L5 QP is corrosion protected including the pinion shaft, disc hub, change gear, ratchet gear, pawls, pawl stands and load sheave. In addition the load chain guide, stay bolts and chain stripper are also corrosion protected.

Temperature range: -40°C to +120°C.

Proof tested: Every SS-L5 QP lever hoist is proof tested to 1.5 times the working load limit.

Safety factor: 4 : 1.





Product Specifications

Name	ITEM #	WLL (t)	No. of falls	Load Chain (mm)	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)	h min (mm)	i (mm)	Mass Kg 1.5m HOL
Lever Hoist WH SS-L5 QP 800kg 1.5m (HOL) Subsea	35069	0.8	1	5.6 x 15.7	146	119	42.0	245	27	280	14.8	5.9
Lever Hoist WH SS-L5 QP 1.6t 1.5m (HOL) Subsea	35071	1.6	1	7.1 x 19.9	164	125	54.5	265	36	335	19.5	7.4
Lever Hoist WH SS-L5 QP 3.2t 1.5m (HOL) Subsea	35072	3.2	1	10 x 28	196	159	60.5	415	42	39	24.2	13.7
Lever Hoist WH SS-L5 QP 6.3t 1.5m (HOL) Subsea	35073	6.3	2	10 x 28	196	218	85.5	415	52.5	540	33.7	26.4
Lever Hoist WH SS-L5 QP 10t 1.5m (HOL) Subsea	35074	10.0	3	10 x 28	196	298	-	415	59	680	41.7	40.1
Lever Hoist WH SS-L5 QP 15t 1.5m (HOL) Subsea	35075	15.0	6	10 x 28	196	420	-	415	80	1000	59.0	70.2