

Subsea SS-L5 Lever Hoist



The William Hackett second generation SS-L5 subsea lever hoist has been developed in line with BP development DEV-AAD-SS-SD-BP-0545 'specification and compliance requirements for lever hoists used subsea on BP projects.' The SS-L5 also meets and exceeds the requirements of IMCA DO28 Rev. 1 'Guidance on the use of chain lever hoists in the offshore subsea environment' as well as international standards BS EN13157: 2004 + A1:2009, ASME B30.21-2014, AS1418.2-1997, 1636:2-2007. **Lever hoists can be used within an operating temperature range of -40°C to +55°C.**

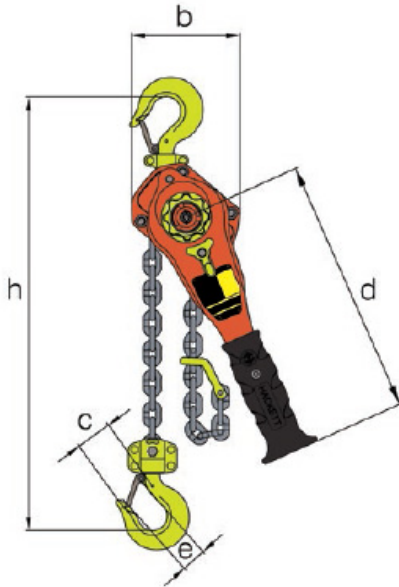
The design and specification of the William Hackett SS-L5 Subsea Lever Hoist includes:

- **RANGE:** 800kg to 10 tonnes.
- **LIGHT LOAD CAPABILITY:** the SS-L5 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.
- **CONSTRUCTION AND DESIGN:** minimises ingress of contaminants to the internal mechanism and brake surfaces.
- **STAINLESS STEEL PAWL SPRINGS:** secured internally to reduce risk of damage.
- **STAINLESS STEEL FIXINGS.**
- **SINTERED/FUSED FRICTION MATERIAL:** directly onto the ratchet gear. Grooves in the friction material enable water to be dispelled from the friction surface more effectively during subsea operations.
- **LOAD CHAIN:** in accordance with BS EN818-7 Grade T(8) and JIS B8812 Grade V(10).
- **CORROSION PROTECTED:** both internally and externally.
- **HIGH PERFORMANCE WATERPROOF GREASE AND LUBRICANT SPRAY:** used throughout the hoist enhancing the corrosion protection.
- **ADJUSTABLE TRAVELLING END STOP**
- **OVERLOAD LIMITER:** available as an option upon request.

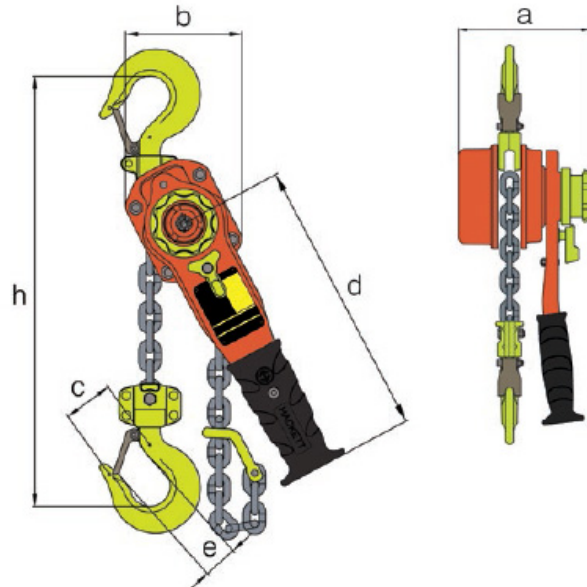


Specification

0.8 tonnes capacity



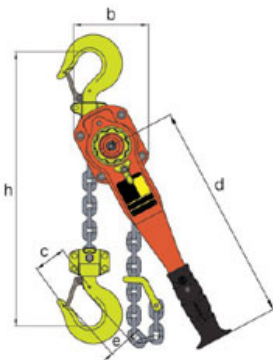
1.6 tonnes capacity



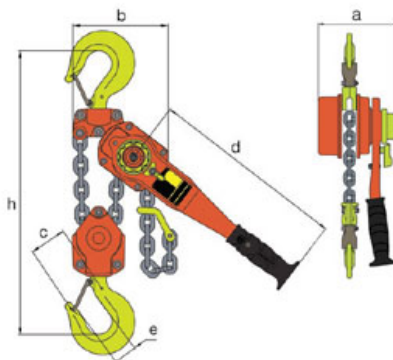
Part Code	Capacity (tonnes)	No. of Falls	Load Chain (mm)	Standard Lift (m)	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)	h (mm)	Nett Weight (kg)	Gross Weight (kg)
034.SS.083	0.8	1	5.6 x 15.7	3	146	119	42	245	27	280	6.9	0.7
034.SS.163	1.6	1	7.1 x 19.9	3	164	126	54.5	265	36	335	9.0	1.1
034.SS.323	3.2	1	10 x 28	3	196	159	60.5	415	42	395	17.0	2.2
034.SS.633	6.3	2	10 x 28	3	196	218	85.5	415	52.5	540	33.0	4.4
034.SS.1003	10.0*	3	10 x 28	3	196	298	-	415	59	380	50.0	6.6

*V(10) JIS B 8812:2004 Link Chain for Chain Hoists

3.2 tonnes capacity



6.3 tonnes capacity



10 tonnes capacity

