



WH ROV SS-C4 QP Chain Hoist

The Hackett ROV compatible SS-C4 anti-corrosion subsea chain hoists meet and exceed the requirements of international standards

British Standard BS EN13157:2004 + A1:2009
American Standard ASME B30.16-2014
Australian Standard AS1418.2-1997
South African Standard SANS 1594:2007
NORSOK R-002: 2017.

The William Hackett ROV SS-C4 QP chain 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 hoist's:

- resilience to failure.
- capability to provide finer adjustment and tensioning operations.
- SAFE JUST BECAME SAFER

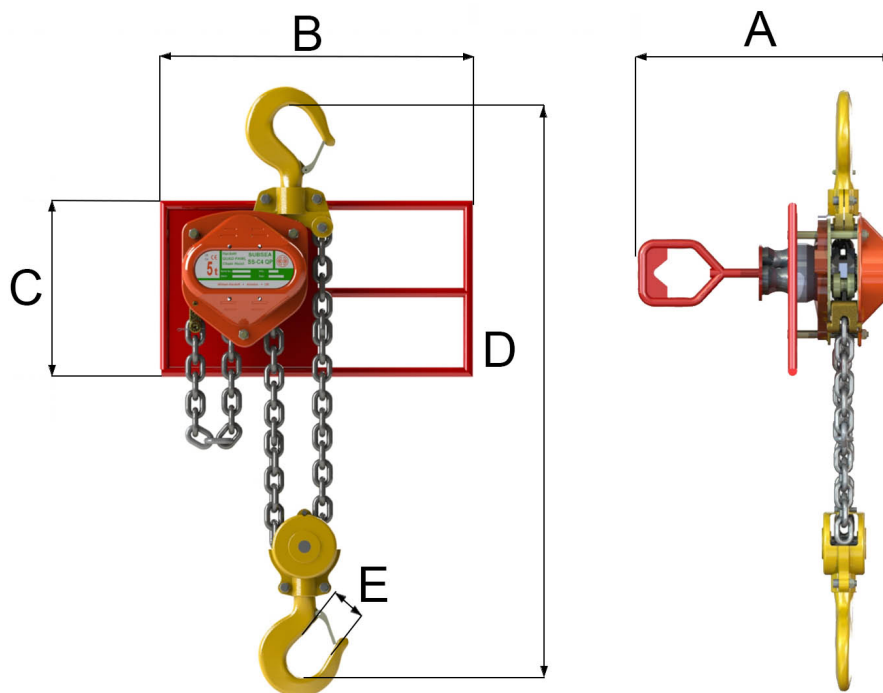
The design and specification of the William Hackett ROV SS-C4 QP chain hoist includes:

- **WORKING LOAD LIMIT RANGE:** 3.2 to 20 tonnes. Larger sizes available upon request.
- **LIGHT LOAD CAPABILITY:** tested and certified at 2% of the chain hoist rated capacity.
- **QUAD PAWL (QP):** Endurance tested to twice the industry norm.
- **SAFETY FACTOR:** 4:1.
- **STAINLESS STEEL FIXINGS:** used throughout the hoist.
- **BRAKE COMPONENTS:** Corrosion protected.
- **SAFETY LATCHES:** hooks are fitted with heavy duty cast steel latches. The latch and hook tip 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 (500kg to 10t). Both top and bottom hooks are embossed with a batch code, manufacturer's mark and the working load limit for full traceability and compliance to international standards.
- **HAND CHAIN JOINER:** a unique hand chain joiner is used as a quick and secure method of joining the hand chain.
- **HOOK HOUSING:** secured with socket head cap screws/hex head bolts and nyloc insert locking nuts to allow full inspection.
- **FLEETING/CROSS HAULING:** independently tested (test report 2550-7615) for fleeting or cross hauling applications up to 45° from the vertical without deration of the WLL.
- **LOAD CHAIN:** Corrosion protected Grade 8 load chain offered as standard. With the option of Calibrated Grade S (6) 316L stainless steel load chain and hand chain.
- **TEMPERATURE RANGE:** -20°C to +120°C.
- **MARINE PAINT:**
 - AkzoNobel Interpon D1010 Premium
 - Corrosion Resistance 1,000 hours according to DIN EN ISO 9227.
- **HYPERBARIC TESTED:** at 3,000 metre water depths.
- **PROOF TESTED:** 500kg to 10 tonne hoists are proof tested to 1.5 times the Working Load Limit. 15 to 50 tonne hoists are proof tested to 1.25 times the Working Load Limit.
- **OPTIONAL EQUIPMENT:** Hot Stab, Fishtail, D-Link and Torque Buckets as well as bespoke fittings such as ROV Shank Hooks, Shackles and Sling Hooks.
- **NEW DESIGN FEATURE:** As an option for the ROV chain hoist a hand wheel can be incorporated into the chain hoist design. When the hoist is topside, hand chain can be fitted to the hand wheel to allow manual adjustment of the load chain.



- **OVERLOAD LIMITER:** available as an option upon request.
- **MANUFACTURED AND PROOF TESTED** in the U.K.

SPECIFICATIONS



Product Code	WLL tonnes	A mm	B mm	C mm	D mm	E mm	Load Chain Dia. mm	No. of Falls	Max Torque Nm	Revs/300mm travel	3m weight HOL out of water kg	Extra Weight per m kg
022.R.300.H1.P	3.2	384	516	292	520	43	10.0	1	45	54	61.0	2.2
022.R.300.F1.P	3.2	507	516	292	520	43	10.0	1	45	54	41.0	2.2
022.R.500.H1.P	5.0	384	516	292	600	51	10.0	2	45	108	67.5	4.4
022.R.500.F1.P	5.0	507	516	292	600	51	10.0	2	45	108	47.5	4.4
022.R.1000.H1.P	10.0	384	516	292	760	53	10.0	4	50	165	117.0	8.8
022.R.1000.F1.P	10.0	507	516	292	760	64	10.0	4	50	165	97.0	8.8
022.R.1500.H1.P	15.0	414	516	292	1000	80	10.0	6	50	330	158.0	13.2
022.R.1500.F1.P	15.0	537	516	292	1000	80	10.0	6	50	330	139.0	13.2
022.R.2000.H1.P	20.0	429	600	292	1150	80	10.0	8	55	430	225.0	17.6
022.R.2000.F1.P	20.0	552	600	292	1150	80	10.0	8	55	430	205.0	17.6



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