Technical Sheet
ASLH7 Atlas Subsea Lever Hoist

ALR
ATLAS LIFTING & RIGGING

Key Features

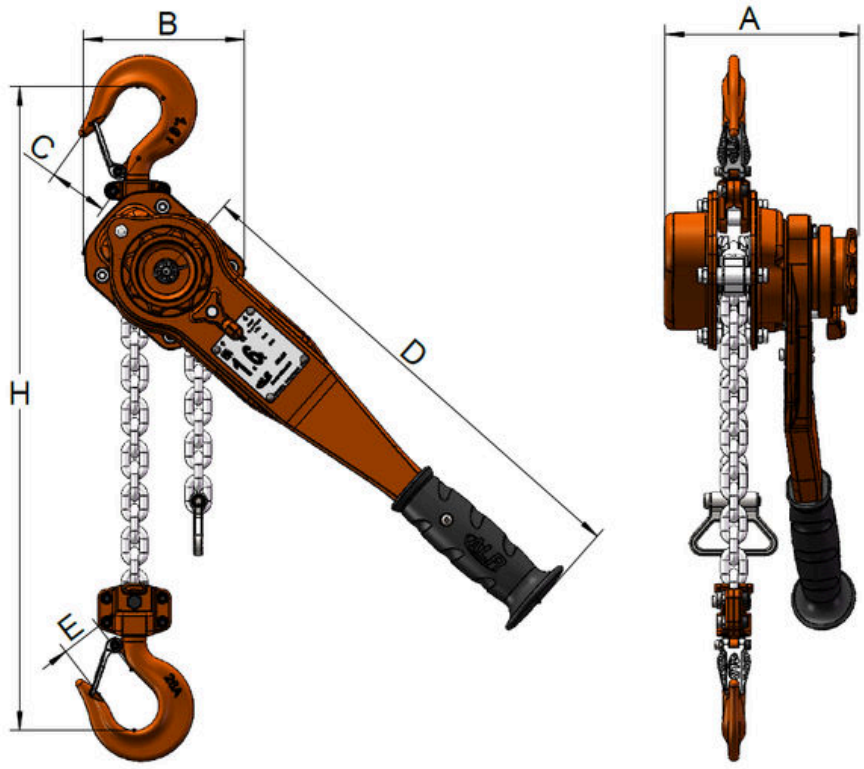
- **Corrosion Protection:** Critical internal components are protected with a high-performance zinc flake coating, providing enhanced corrosion resistance and extended service life in harsh subsea and offshore environments.
- **Marine Grade Powder Coating:** High-performance marine-grade powder coating system providing C5 corrosion protection for outstanding durability and resistance in aggressive offshore and marine environments.
- **Tetra Pawl™ Braking System:** Features two pairs of automatically engaging pawls, providing four independent backstop engagement points for enhanced load security and increased braking redundancy. The unique spring-free design requires no pawl springs, improving reliability and reducing maintenance in demanding subsea and offshore environments.
- **Marine-Grade Lubrication:** Utilises premium Mobil blue grease, specifically selected to deliver enhanced corrosion protection and extended service life in harsh marine and offshore environments.
- **Travelling End Stop:** Fitted with an adjustable travelling end stop to provide enhanced security when loads are suspended for extended periods.
- **Heavy-Duty Safety Latches:** Top and bottom hooks feature reinforced cast-steel latches for a secure, positive hook closure.
- **Overload & Traceability Markings:** Each hook is clearly marked with overload indicators and identification codes for full compliance and easy inspection.
- **Cross-Hauling Capability:** Suitable for fleeting applications up to 60deg from the vertical, without reducing the working load limit.
- **Load Chain:** Fitted with G80 alloy steel load chain fully compliant with EN818-7 and a Zinc finish for enhanced corrosion protection.
- **Optional Enhancements:** Overload limiter, ball-bearing hooks, and adaptor fitting to enable a range of attachment options.
- **Temperature Range:** -20°C to +120°C
- **Light Load:** 2% WLL
- **Safety Factor:** 4:1
- **Proof Load Testing:** 1.5 x WLL
- **Standards**
  - British Standard BS EN13157:2004 + AI:2009
  - American Standard ASME B30.16-2014
  - Australian Standard AS1418.2-1997
  - South African Standard SANS 1594:2007
  - NORSOK R-002: 2017.



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Data Table



Capacity (t)	0.8	1.0	1.6	3.2	6.3	9.0	15.0
Product Code	ASLH7-008	ASLH7-010	ASLH7-016	ASLH7-032	ASLH7-063	ASLH7-090	ASLH7-150
No. Falls	1	1	1	1	2	3	6
Load Chain (mm)	5.6 x 17	5.6 x 17	7.1 x 21	10 x 30	10 x 30	10 x 30	10 x 30
Mass @ 1.5m HOL (kg)	6	6	10	16	27	39	95
Extra mass per m HOL (kg)	0.7	0.7	1.1	2.17	4.34	6.5	13
A (mm)	121	121	141	210	228	314	415
B (mm)	148	148	166	168	168	168	168
C (mm)	24	28	32	38	48	59	77
D (mm)	265	265	358	415	415	415	415
E (mm)	15	15	19	25	32	42	51
H (mm)	300	320	360	445	570	670	1000