Technical Sheet – ACH6 Chain Hoist

Key Features

- **Heavy Duty Safety Latches:**
  Top and Bottom hooks feature ALR reinforced cast-steel butterfly latches for a secure, positive hook closure, with recessed spring connection.

- **Overload & Traceability Markings:**
  Each hook is clearly marked with overload indicators whilst load bearing components have clearly legible batch codes for complete traceability.

- **Quick Release Top Hook:**
  The top hook quick-release design allows fast and efficient access to the hook pin, reducing inspection and maintenance downtime.

- **Cross-Hauling Capability to 60°:**
  Suitable for fleeting applications up to 60° from the vertical, without reducing the working load limit.

- **Load Chain:**
  Fitted with Grade T (8) alloy steel load chain fully compliant with EN818-7 and a zinc finish for enhanced corrosion protection.

- **Marine-Grade Lubrication:**
  Premium Mobil blue grease, specifically selected to deliver enhanced corrosion protection and extended service life in harsh marine and offshore environments.

- **Range of Attachment Options:**
  Overload Limiter, Ball-bearing hooks, and adapter fittings to enable a range of attachment options.

- **Temperature Range:**
  -20°C to +120°C

- **Light Load:**
  Every unit verified to 2% of WLL

- **Safety Factor:**
  4:1

- **Heavy Duty Chain End Anchorage:**
  Designed to hold at least 2.5 x WLL when supporting a full load without restraint from other components.

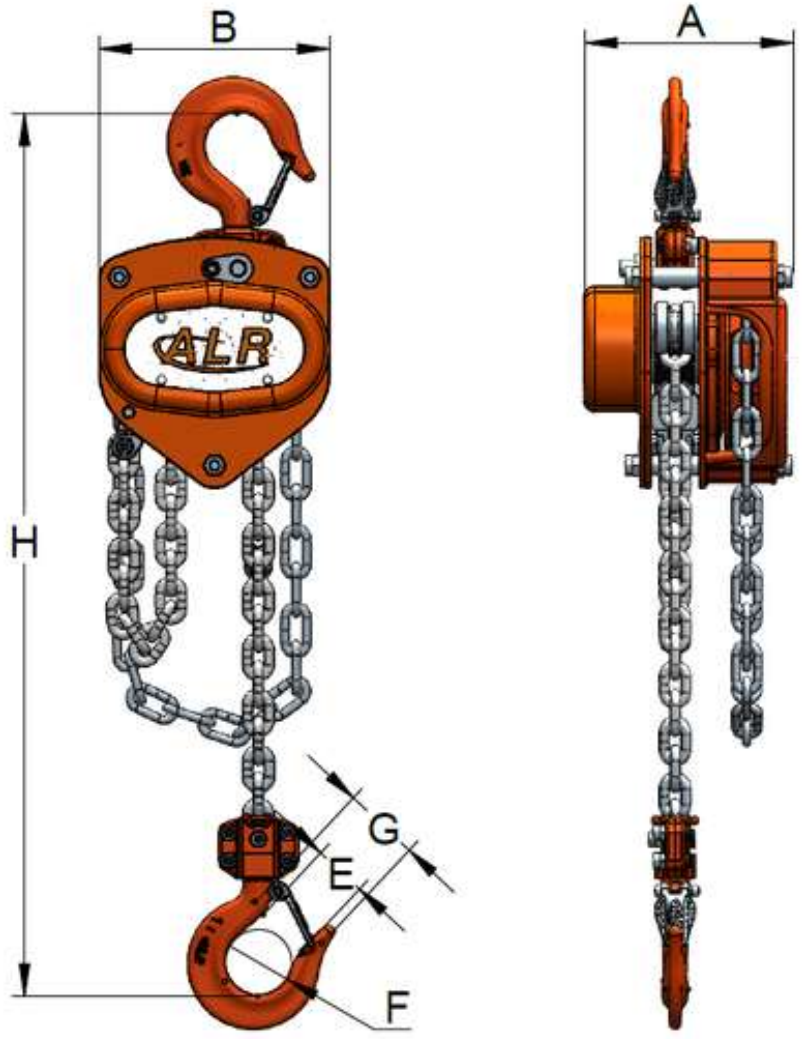
- **Proof Load Testing:**
  1.5 x WLL

- **Design 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
  Norwegian Standard – NORSOK R-002:2017



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Data Table



Part Code	ACH6-005	ACH6-010	ACH6-016	ACH6-020	ACH6-032	ACH6-050	ACH6-075	ACH6-100	ACH6-150	ACH6-200	ACH6-300	ACH6-500
Capacity (t)	0.5	1	1.6	2	3.2	5	7.5	10	15	20	30	50
No. Falls	1	1	1	1	2	2	3	4	6	8	12	20
Load Chain (mm)	5x15	6x18	8x24	8x24	8x24	10x30	10x30	10x30	10x30	10x30	10x30	10x30
Mass @ 3mtr HOL (kg)	8	11	16	17	24	40	75	90	156	191	491	852
Extra Mass per mtr HOL (kg)	1.4	1.6	2.2	2.2	3.6	5.2	7.4	9.5	13.9	19.1	27.8	45.2
A (mm)	127	134	151	157	157	180	180	180	210	225	460	605
B (mm)	130	155	173	185	235	262	373	365	406	550	800	840
E (mm)	26.5	32.5	34.5	34.5	42.5	52.6	63.5	63.5	83	83	112	140
F (mm)	34	40	40	44	48	60	83	83	108	108	140	180
G (mm)	42.5	49	51.5	54.5	61	85	89	89	-	-	-	-
H (mm)	290	330	375	405	490	630	775	815	1000	1100	1550	2000