William Hackett

WH ATEX SS-L5 QP Lever Hoist

Standards:
The William Hackett ATEX SS-L5 QP Lever Hoist is designed, manufactured and proof load tested in the UK. It complies with the requirements of ATEX Directive 2014 / 34 / EU and Machinery Directive 2006 / 42 / EC

Light load capability: tested and certified at 2% of the chain hoist rated capacity.

Quad pawl (QP):
- Fitted as standard on products designated “QP”.
- Enhanced resilience to failure.
- Finer tolerance adjustment.
- Endurance tested to twice the industry norm.

Safety factor: 4:1.

Spark resistant: copper plated hoist components and stainless steel hand chain makes the hoist safe to use in hazardous environments.

Safety latches: hooks are fitted with heavy duty cast steel latches. The latch and hook tips 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 (800kg to 10t). Both top and bottom hooks are embossed with a batch code, manufacturer’s mark and the working load limit.

Hook housings: secured with socket head cap screws/ hex head bolts and nyloc insert locking nuts to allow full inspection.

Fleeting/cross hauling: independently tested and verified (Test Report 2550-7615) for fleeting or cross hauling applications. Certified to angles up to 60° from the vertical without deration of the WLL.

Load chain: fitted with load chain that fully complies with international standard BS EN818-7 Grade T (8).

Temperature range:
-40°C to +135°C.

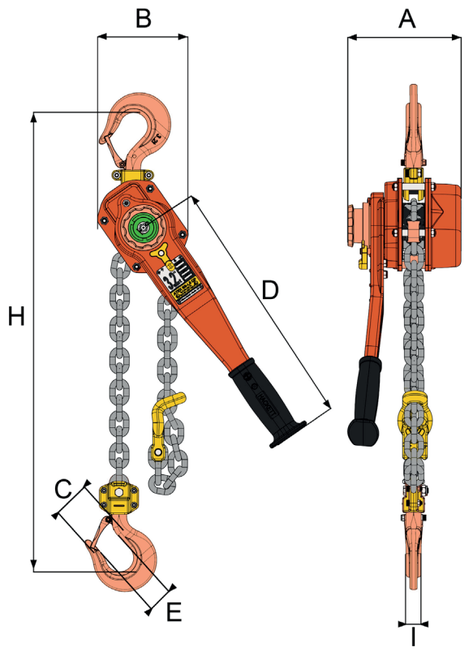
Proof Tested: 800kg to 10 tonne hoists are proof tested to 1.5 times the Working Load Limit.

Optional equipment:
- Overload limiter.
- Top and bottom hook with ball bearing adaptors.

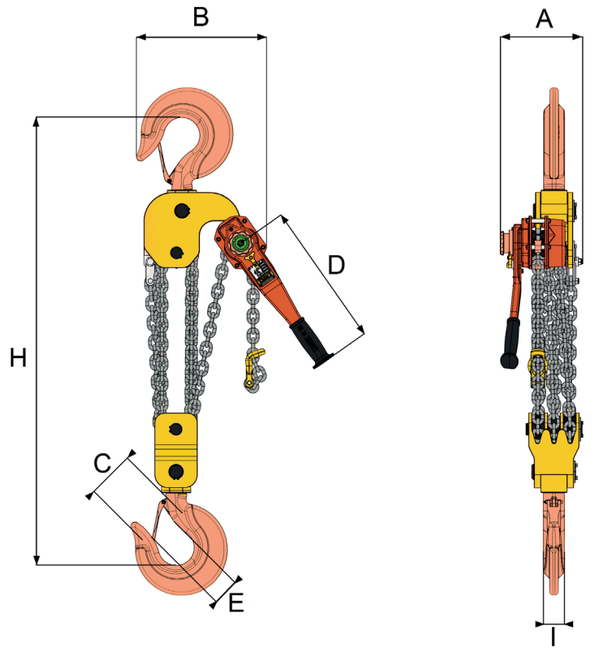
Manufactured and proof tested in the UK.



Single Fall



Multi Fall



II	**Equipment Group: surface industries**
2G	**Category: High Safety - Ex Atmosphere: Gas**
2D	**Category: High Safety - Ex Atmosphere: Dust**
Ex h	**Protection type: Design safety**
IIC	**Gas Explosion Group: Protected for group IIC which includes groups IIA & IIB**
T4	**Gas Temperature Class: Maximum external surface temperature 135˚C**
IIIC	**Groups of Dust: Protected for group IIIC which includes groups IIIA & IIIB**
T135˚C	**Dust Temperature Class: Maximum external surface temperature 135˚C**
Gb Db	**Equipment Protection Level (EPL): Gas and Dust**

Specifications

PART CODE	WLL t	NO. OF FALLS	LOAD CHAIN mm	STD. LIFT m	A mm	B mm	C mm	D mm	E mm	H min mm	i mm	MASS Kg 1.5M HOL	EXTRA WEIGHT per M kg
035.ATEX.SS.080	0.8	1	5.6 x 17	1.5	146	119	41.5	245	27	280	14.8	5.9	0.70
035.ATEX.SS.160	1.6	1	7.1 x 21	1.5	164	126	52.0	265	36	335	19.5	7.4	1.12
035.ATEX.SS.320	3.2	1	10 x 30	1.5	196	159	61.9	415	42	395	24.2	13.7	2.23
035.ATEX.SS.630	6.3	2	10 x 30	1.5	196	218	84.3	415	52.5	540	33.7	26.4	4.46
035.ATEX.SS.1000	10.0	3	10 x 30	1.5	196	298	86.0	415	59	680	41.7	40.1	6.69

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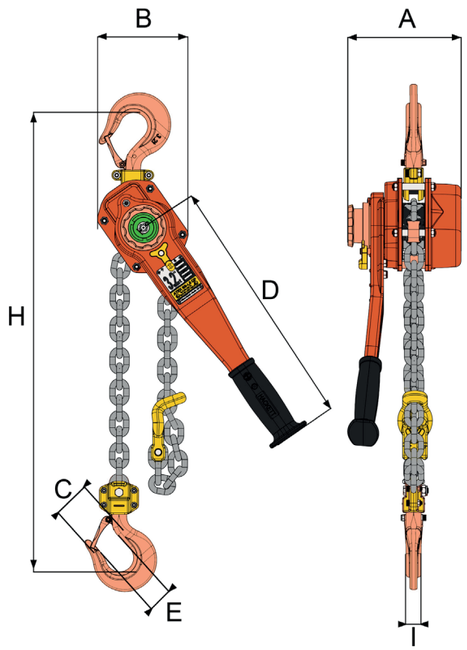
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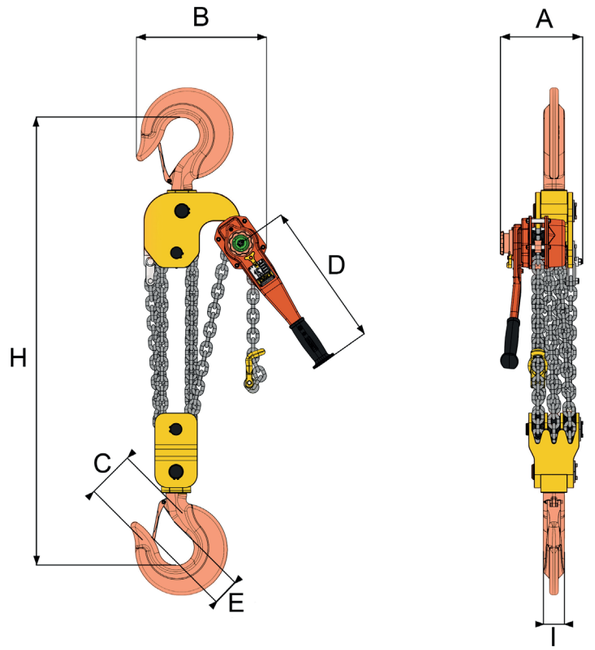
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2D	Category: High Safety - Ex Atmosphere: Dust
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IIIC	Groups of Dust: Protected for group IIIC which includes groups IIIA & IIIB
T135˚C	Dust Temperature Class: Maximum external surface temperature 135˚C
Gb Db	Equipment Protection Level (EPL): Gas and Dust

Specifications

PART CODE	WLL tons	NO. OF FALLS	LOAD CHAIN mm	STD. LIFT ft	A inch	B inch	C inch	D inch	E inch	H min inch	i inch	MASS lbs 5ft HOL	EXTRA WEIGHT per 3ft kg
035.ATEX.SS.080	0.8	1	5.6 x 17	5	5.75	4.69	1.65	9.65	1.06	11.02	0.58	13.0	1.5
035.ATEX.SS.160	1.6	1	7.1 x 21	5	6.46	4.96	2.15	10.43	1.42	13.19	0.77	16.3	2.4
035.ATEX.SS.320	3.2	1	10 x 30	5	7.72	6.26	2.38	16.34	1.65	15.55	0.95	30.2	4.9
035.ATEX.SS.630	6.3	2	10 x 30	5	7.72	8.58	3.37	16.34	2.07	21.26	1.33	58.2	9.7
035.ATEX.SS.1000	10.0	3	10 x 30	5	7.72	11.73	3.39	16.34	2.32	26.77	1.64	88.4	14.6

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