William Hackett

WH ATEX-L4 Lever Hoist

Standards:
The WH ATEX-L4 lever hoist is verified by DNV as compliant with the requirements of the relevant international standards. (Verification no. N141UH09)
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.

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

Twin pawl: fitted as standard on WH L4 and WH ATEX-L4 lever hoists.

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 traceabilty marks: hooks have overload indicator marks either side of the hook throat (800kg to 10t). Batch code, manufacturer's mark and hoist WLL on both hook assemblies for full traceability and compliance.

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

Fleeting/cross hauling: independently tested and verified (Test Report 2550-7615) for fleeting or cross hauling applications at 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).

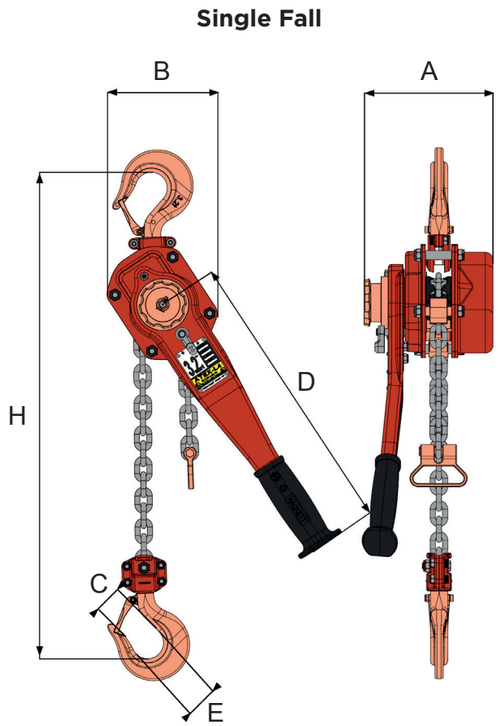
Temperature Range:
- 20°C to + 135°C.

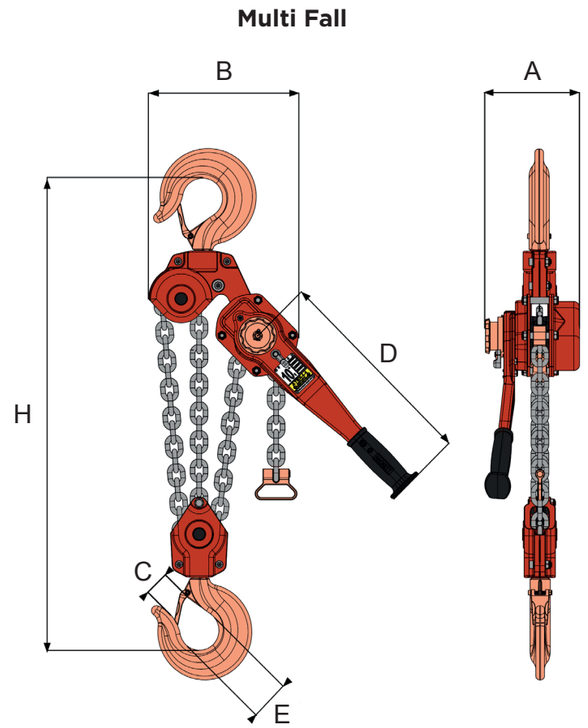
Proof Tested: 100% of lever hoists are proof tested to 1.5 times the WLL.

Optional equipment:
- Overload limiter.

Manufactured and proof tested in the UK.







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

Metric Specifications

PART CODE	WLL tonnes	NO. OF FALLS	LOAD CHAIN mm	A mm	B mm	C mm	D mm	E mm	H mm	MASS Kg 1.5M HOL	EXTRA WEIGHT per M kg
033.ATEX.080	0.80	1	5.6 x 17	148.0	121	41.5	265	28.0	280	6.2	0.7
033.ATEX.160	1.60	1	7.1 x 21	165.5	141	52.0	415	33.0	350	9.6	1.1
033.ATEX.320	3.20	1	10 x 30	194.5	178	61.9	415	42.5	420	15.5	2.2
033.ATEX.630	6.30	2	10 x 30	194.5	228	84.3	415	51.0	570	27.0	4.4
033.ATEX.1000	10.00	3	10 x 30	194.5	310	88.0	415	56.0	680	38.3	6.6

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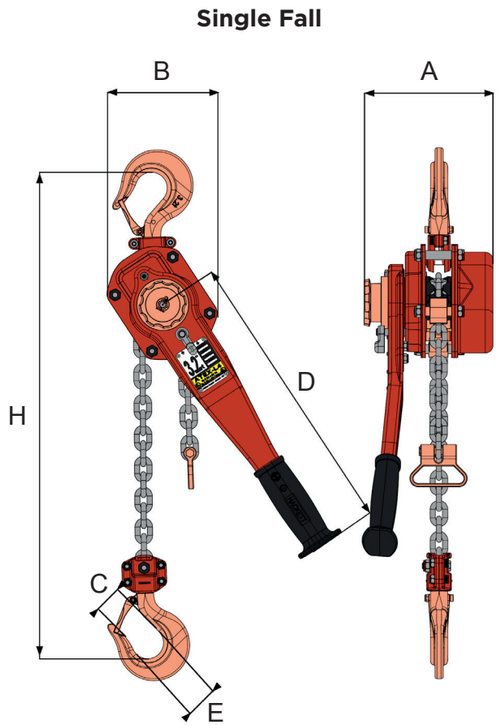
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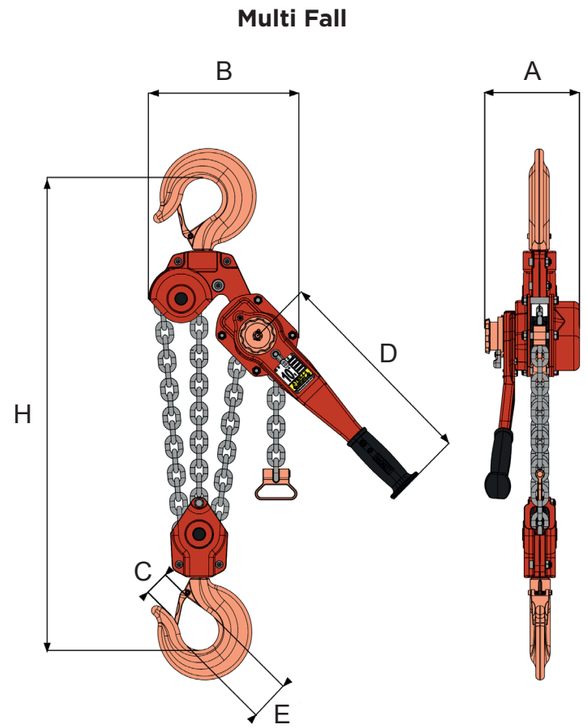
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Gb Db	Equipment Protection Level (EPL): Gas and Dust

Imperial Specifications

PART CODE	WLL tons	NO. OF FALLS	LOAD CHAIN mm	A inch	B inch	C inch	D inch	E inch	H inch	MASS lbs 5ft HOL	EXTRA WEIGHT per ft lbs
033.ATEX.080	0.80	1	5.6 x 17	5.83	4.76	1.63	10.43	1.10	11.02	13.7	1.5
033.ATEX.160	1.60	1	7.1 x 21	6.52	5.55	2.05	16.34	1.30	13.78	21.2	2.4
033.ATEX.320	3.20	1	10 x 30	7.66	7.01	2.44	16.34	1.67	16.54	34.2	4.9
033.ATEX.630	6.30	2	10 x 30	7.66	8.98	3.32	16.34	2.01	22.44	59.5	9.7
033.ATEX.1000	10.00	3	10 x 30	7.66	12.20	3.46	16.34	2.20	26.77	89.4	14.6

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