WH Dual Speed Chain Hoist

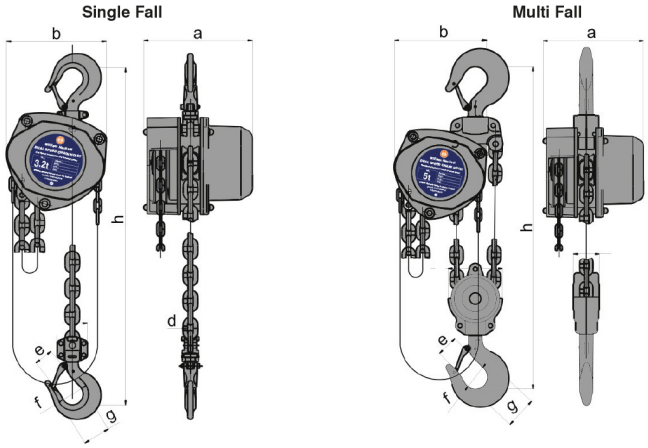
The William Hackett dual speed chain hoist meets and exceeds the requirements of the following international standards:

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.

The design and specification of the William Hackett dual speed chain hoist includes:

- **WORKING LOAD LIMIT RANGE:** 3.2 tonnes to 50 tonnes.
- **LIGHT LOAD CAPABILITY**: tested and certified at 2% of the chain hoist rated capacity.
- **TWIN PAWL:** fitted as standard.
- **SAFETY FACTOR:** 4:1.
- **SPEED:** when the hoist is loaded, the lifting and lowering speed will be the same as a regular chain hoist however, the load sensing automatic speed transmission enables the hoist to travel 5 times faster than a regular chain hoist when not under load.
- **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 (3.2 to 10t).
- **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:** fitted with load chain that fully complies with international standard BS EN818-7 Grade T (8).
- **TEMPERATURE RANGE:** -40°C to +120°C
- **PROOF TESTED:** 3.2 to 10 tonne hoists are proof tested to 1.5 times the Working Load Limit. 15 tonne to 50 tonne are proof tested to 1.25 times the Working Load Limit.
- **OVERLOAD LIMITER:** fitted as standard.
- **MANUFACTURED AND PROOF TESTED** in the U.K.

Specifications



Part Code	WLL t	No. of Falls	Load Chain mm	Lift M	Mass kg 3M HOL	Extra Weight per M kg	Change from High Speed to Standard Speed kg	Change from Standard Speed to High Speed kg	*High Speed M	*Standard Speed M
023.DS.323	3.2	1	10x30	3	28.2	3.13	>55	<25	27	136
023.DS.503	5.0	2	10x30	3	42.4	5.24	>110	<50	54	272
023.DS.753	7.5	3	10x30	3	62.2	7.41	>165	<75	81	408
023.DS.1003	10.0	4	10x30	3	72.9	9.58	>165	<75	108	544
023.DS.1503	15.0	6	10x30	3	120.7	13.92	>275	<125	162	816
023.DS.2003	20.0	8	10x30	3	157.5	19.16	>330	<150	108x2	544x2
023.DS.3003	30.0	12	10x30	3	238.0	27.84	>330	<150	162x2	816x2
023.DS.5003	50.0	20	10x30	3	758.0	45.20	>330	<150	270x2	1360x2

*Pulling Hand Chain to lift 1M

Part Code	WLL t	a mm	b mm	d mm	e mm	f mm	g mm	h mm
023.DS.323	3.2	247	227	38.5	43	49.5	62	465
023.DS.503	5.0	247	275	64.0	51	60.0	79	600
023.DS.753	7.5	247	366	70.0	64	85.0	86	740
023.DS.1003	10.0	247	358	95.0	64	85.0	86	760
023.DS.1503	15.0	275	485	168.0	80	100.0	-	1000
023.DS.2003	20.0	285	648	123.0	82	110.0	-	1150
023.DS.3003	30.0	285	780	180.0	82	110.0	-	1500
023.DS.5003	50.0	585	832	310.0	133	170.0	-	1700