

HERCULES HOISTS LIMITED



Electric Chain Hoist Medium Duty (EH II) Series

- ◆ Lifting
- ◆ Moving
- ◆ Storing



- ▶ **Capacities up to 2T**
Suitable for medium duty application
- ▶ **Rugged German design and proven over 30 years**
Assured reliability
- ▶ **Built with conical rotor brake motor**
Proven technology ensuring motor start / brake release and motor switch-off / brake application are synchronised
- ▶ **Fail safe brake**
Advantage of conical rotor motor
- ▶ **Precision machine case hardened, alloy steel gears**
Long life with low noise operation
- ▶ **Light weight, simple mounting design**
Easy to install, use, re-install
- ▶ **Built in control panel**
Plug and use
- ▶ **Precision machined and hardened load chain wheel**
Long life of load chain wheel and smooth operation
- ▶ **Grade 80 load chain**
Higher safety factor and longer chain life
- ▶ **Hoist and Electric Control Design available for hazardous area application**
Extended application capability

Material Handling. Delivered.

Redefining Material Handling. Since 1962.

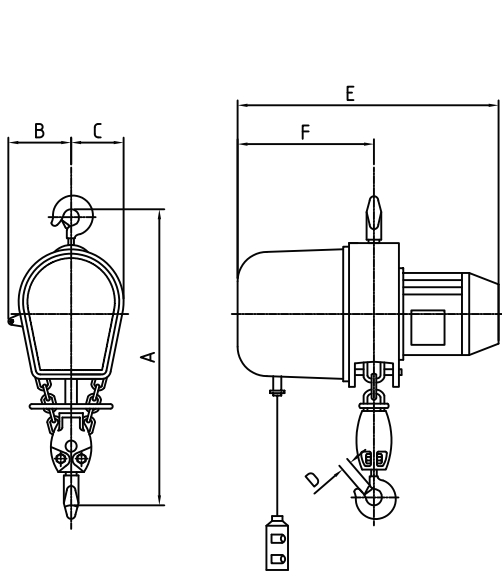


Fig. 1

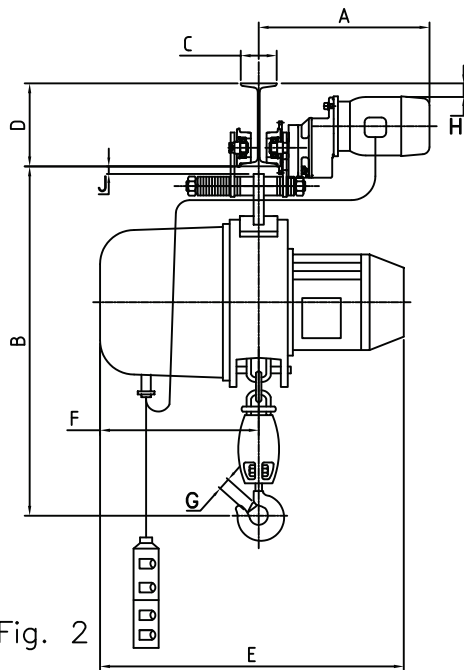


Fig. 2

“EH II ” with hook suspension (Fig.1)						
Capacity	MT	1	2		1	2
Chain falls	No.	2	4	A	750	860
Hoisting speed	m/mn	4.8	2.4	B	150	150
Hoist Motor	H.P.	1.5	1.5	C	120	120
*Height of max. lift (Std. 3m)	m	9.6	4.8	D	31	37
Length of control cable	m	At your choice		E	525	525
Approx. wt. with chains for 3m. lift	kg.	63	65	F	285	285
Approx. wt. per meter additional lift	kg.	2.6	5.2			

*Higher lifts offered on request

“EH II ” with electric trolley (Fig.2)						
Capacity	MT	1	2		1	2
Travelling speed	m/min.	10	10	A for C Max	493	500
Travelling motor	H.P.	0.5	0.5	A for C Min..	370	395
Min. runaway bend (radius of curvature)	mm	2000	2500	B	840	965
Approx. wt. with chains for 3m. lift	kg.	87	96	C Max.	305	305
Approx. wt. per meter additional lift	kg.	2.6	5.2	C Min.	58	90
				D Min.	150	200
				E	525	525
				F	285	285
				G	31	37
				H Min.	23	14
				*J Max.	28	28

*To calculate clearance under beam subtract beam flange thickness from ‘J’

Data tolerance±10%

HHL/ECH/EHII/2019/V1



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Note :- Due to continuous development and improvement specification listed above may be changed without notice.