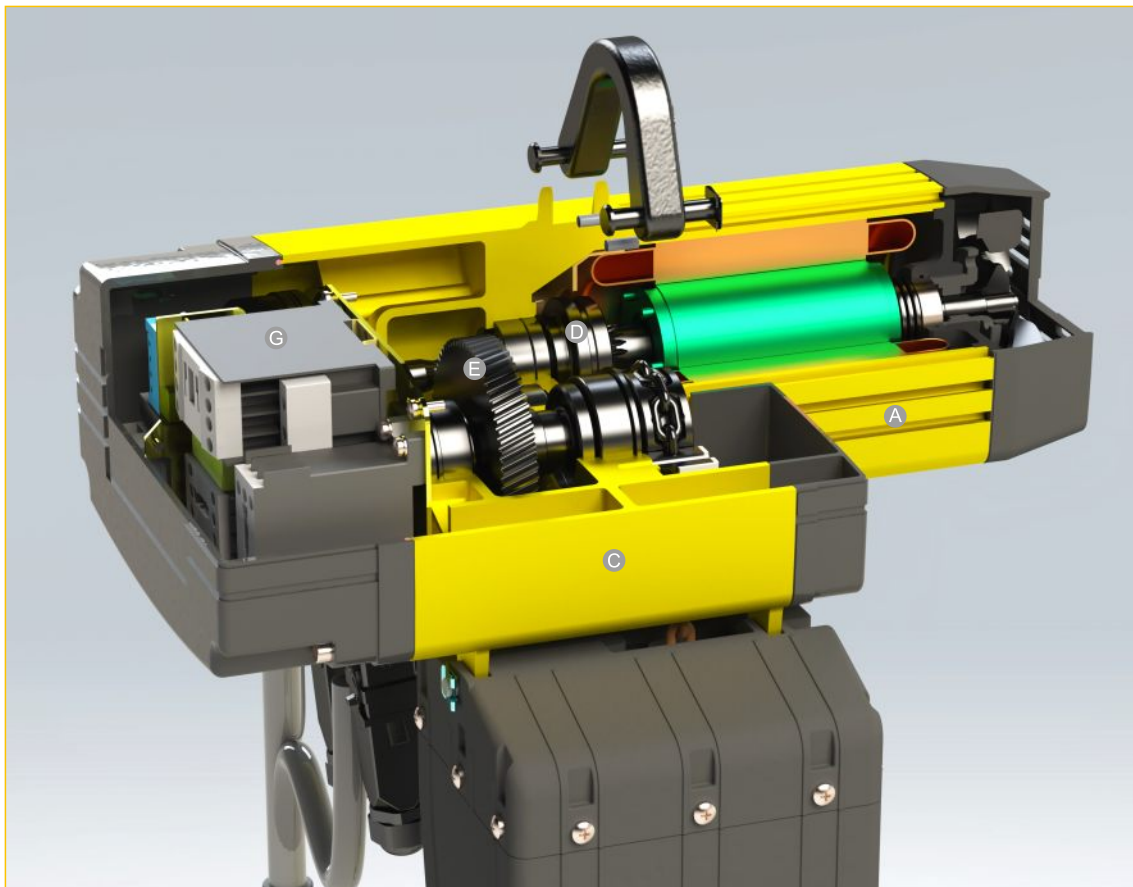


ENDO

ETC ELECTRICAL CHAIN HOIST



ENDO KOGYO INDIA PVT.LTD.



A C type structure design

Adopting the most advanced C-type structure design in the world, the structure is compact and easy to maintain. The transmission chain structure design of the European trend anti-slip hook is safe and reliable.

B Full life cycle

ETC gourds have been tested for 1600 hours without landing or stopping.

C Aluminium alloy body

Aluminum alloy body, light weight, high strength, corrosion resistance.

D Friction clutch

ENDO mechanical safety clutch, the friction plate can continue to slip for more than 1 minute, and the motor is idling in the case of earth hanging, etc., which plays a protective role.

I Safe and reliable electromagnetic brake

Braking is fast and stable with little brake wear and no need for adjustment.

J External connection Shaft

Top hook or suspension plate for optional.

K Hoisting motor

50% ED high end duty rating with thermal protector to make sure not overheating, unique independent fan system.

E Maintenance-free helical gear

Hard tooth surface precision ground helical gear, oil bath lubrication, **low noise, high efficiency, maintenance-free.**

F Imported European standard chain

Imported high-strength, high-precision, wear-resistant European standard chain.

G Safe and reliable contactor control

The electrical control system adopts a modular design, all components have undergone aging resistance tests, and the main components are selected from international famous brands.

H Load sheave

Uses special alloy steel, CNC procession with high precision, the load chain rotation smoothly on the load sheave.

L Limit Switch

Stops the hoist at both ends of the hook path as a double safety.

M Control Pendant

The control pendant is designed in an ergonomic shape that is operator friendly, includes emergency button.

ETC

ETC series - Electric chain hoist



ETC series features

ETC electric chain hoist pursues lighter, safer, more convenient and more durable operation. The design and manufacture of the hoist strictly implement FEM European material handling standards and DIN German industrial standards, and strive to achieve the best of each component. Every detail from control to mechanical design has undergone strict European standard testing, which shows the superiority of products.

● **More lightweight**

4 main models, 250KG weight 21KG.

● **More secure**

Friction clutch, upper and lower limit switches, double safety guarantee.

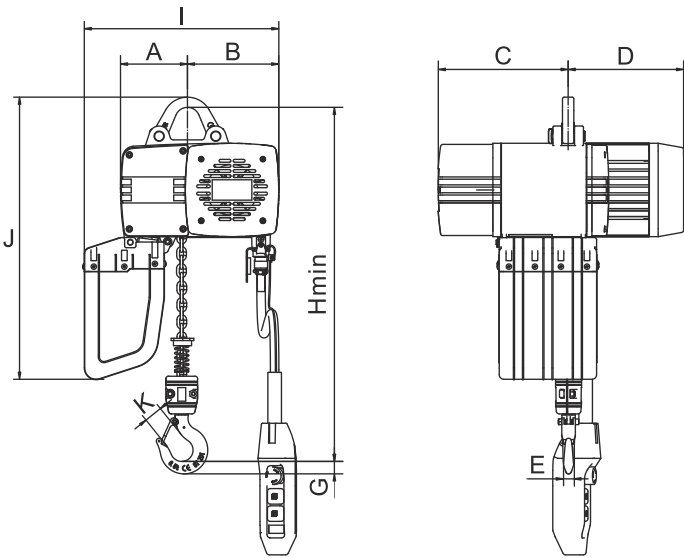
● **More convenient**

C-type structure design makes installation and maintenance more convenient.

● **More durable**

After stict 1600 hours of uninterrupted European standard testing.

Technical parameters

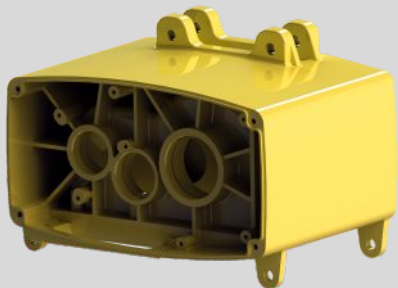


Model	Capacity (kg)	Test load (kg)	Protection	working grade FEM/ISO	Lifting speed (m/min)	Lifting power (kW)	Chain size (mm)	Number of chain	Net weight (kg)
ETC1-03M5P1	250	313	IP55	2m/M5	8/2	0.4/0.1	Φ4x12	1	23
ETC1-05M5P2	500	625	IP55	2m/M5	4/1	0.4/0.1	Φ4x12	2	26
ETC2-05M5P1	500	625	IP55	2m/M5	8/2	0.8/0.2	Φ5x15	1	32
ETC2-10M5P2	1000	1250	IP55	2m/M5	4/1	0.8/0.2	Φ5x15	2	38
ETC3-10M5P1	1000	1250	IP55	2m/M5	8/2	1.6/0.4	Φ7.1x21	1	49
ETC3-20M5P2	2000	2500	IP55	2m/M5	4/1	1.6/0.4	Φ7.1x21	2	59

■ The power supply voltage of this product is 380v-415v / 50Hz / 3P and the control voltage is 24V; In addition to the table, if you need to change, please call us.
Single speed hoist are available as a option.

Model	Capacity(kg)	Hmin	A	B	C	D	E	G	I	J	K
ETC1-03M5P1	250	420	114	123	211	228	18	20	293	444	23
ETC1-05M5P2	500	490	128	109	211	228	18	22	293	447	27
ETC2-05M5P1	500	465	181	162	231	204	18	22	343	530	27
ETC2-10M5P2	1000	587	134	146	231	204	20	25	343	543	31
ETC3-10M5P1	1000	540	128	187	264	245	20	25	405	574	31
ETC3-20M5P2	2000	690	150	165	264	245	26	42	405	596	38

GEARBOX MAINTENANCE-FREE



Full - life maintenance - free gearbox

- The ENDO full-life maintenance-free gearbox with hard-tooth surface finely ground helical gears, oil bath lubrication, low noise, high efficiency, and maintenance-free.



Fully digital electrical control system (option)

- The hoist control system is divided into contactor type control and PCB board type control. The PCB board control can realize the protection of anti-error phase, phase loss, overcurrent, overheating, overspeed, etc., and also has electronic overload protection, anti-over-jogging protection, and over-rated working level Protection and service life monitoring, intelligent control, etc. are available for users to choose.

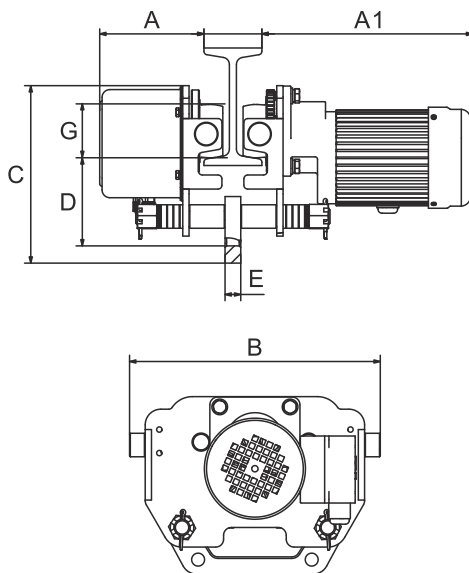


Aluminum alloy high efficiency motor

- The motor adopts aluminum alloy stretch shell, 2/8 pole design, small size, light weight, unique cooling fan restrains temperature rise, and effectively prevents body temperature rise.



TT Series Electric Trolley



Model	Capacity (kg)	Lifting speed (m/min)	Lifting power (kW)	Turning radius (mm)	Applicable rail (mm)	Net weight (kg)
ETT01S ETT01P	1000	13.5 20/6.7	0.2 0.2/0.067	1	74-140	25
ETT02S ETT02P	2000	13.5 20/6.7	0.2 0.2/0.067	1	74-140	26
ETT03S ETT03P	3000	13.5 20/6.7	0.4 0.4/0.13	1.5	100-152	56
ETT05S ETT05P	5000	13.5 20/6.7	0.4 0.4/0.13	1.8	100-152	65

Model	Capacity(kg)	A	A1		B	C	D	E	G
			Single	Double					
ETT01	1000	132	267	308	280	227	124	14	68
ETT02	2000	132	267	308	280	227	124	14	75
ETT03	3000	139	297	315	386	328	169	16	96
ETT05	5000	140	297	317	426	343	192	16	110

■ The power supply voltage of this product is 380v-415v / 50Hz / 3P and the control voltage is 24V; In addition to the table, if you need to change, please call us.
Single speed hoist are available as a option.



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