

TOYO[®] BEGAN IN 1945, MORE THAN HALF A CENTURY OF QUALITY PRECIPITATION

TOYO[®]



TY2 ELECTRIC CHAIN HOIST

- EASYT USE
- JAPAN FEC CHAIN
- PURE COPPER MOTOR



**WORKING LOAD
CAPACITY
0.5-30TON**



**JAPAN
INSPECTED**



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- JAPAN FEC CHAIN
- PURE COPPER MOTOR

TY2- ELECTRIC CHAIN HOIST



FEATURES:

- Aluminum shell integrated die-casting process, solid yet lightweight.
- Japanese FEC chain with a high safety factor, long service life.
- Electromagnetic brake device for instant braking when the power is cut off.
- High-precision heat-treated gears for high strength.
- Aluminum alloy die-cast body with dual-speed variable frequency control.
- 360-degree anti-rotation forged alloy steel hook.
- Equipped with limit switches for automatic motor shutdown to prevent chain overruns and ensure safety.

SPECIFICATIONS (SINGLE SPEED):

Model	TY2-0.5	TY2-1.0	TY2-1.5	TY2-2.0-1	TY2-2.0-2	TY2-2.5	TY2-3.0-1	TY2-3.0-2	TY2-5.0
Capacity (t)	0.5	1	1.5	2	2	2.5	3	3	5
Lifting Speed (m/min)	7.1	7.1	4.5	7.1	3.5	7.1	4.5	4.5	2.9
Motor Power (kW)	1.8	1.8	1.8	1.8	1.8	3.5	3.5	3.5	3.5
Rotation Speed (r/min)	1440r/min								
Insulation Class	F								
Power Supply	3 phase 50/60/220V 380V								
Control Voltage	24V/36V/48V								
Number of Load Chains	1	1	1	1	2	1	1	2	2
Load Chain Dimensions	6.3mm	7.1mm	10mm	10mm	7.1mm	11.2mm	11.2mm	10mm	11.2mm

SPECIFICATIONS (VARIABLE SPEED):

Model	TH-M0.5	TH-M1.0	TH-M1.5	TH-M2.0-1	TH-M2.0-2	TH-M2.5	TH-M3.0-1	TH-M3.0-2	TH-M5.0
Capacity (t)	0.5	1	1.5	2	2	2.5	3	3	5
Lifting Speed (m/min)	1.4-7.1	1.4-7.1	0.9-4.5	1.4-7.1	0.7-3.5	1.4-7.1	0.8-4.5	0.9-4.5	0.5-2.9
Motor Power (kW)	1.8	1.8	1.8	1.8	1.8	3.5	3.5	3.5	3.5
Rotation Speed (r/min)	1440r/min								
Insulation Class	F								
Power Supply	3 phase 50/60/220V 380V								
Control Voltage	24V/36V/48V								
Number of Load Chains	1	1	1	1	2	1	1	2	2
Load Chain Dimensions	6.3mm	7.1mm	10mm	10mm	7.1mm	11.2mm	11.2mm	10mm	11.2mm

DIMENSIONS (FIXED TYPE):

Model	Load Capacity (t)	H mm	A mm	B mm	D mm	E mm	K mm	L mm
TY2-0.5	0.5	380	510	265	305	200	20	28
TY2-1	1	410	620	326	295	175	24	34
TY2-1.5	1.5	615	745	410	370	230	30	40
TY2-2.0-1	2	615	745	410	420	280	30	40
TY2-2.0-2	2	610	620	328	295	210	30	40
TY2-2.5	2.5	615	745	410	420	280	35	48
TY2-3.0-1	3	615	745	410	420	280	35	48
TY2-3.0-2	3	820	745	410	420	345	35	48
TY2-5.0	5	845	745	410	420	345	44	48

DIMENSIONS (RUNNING TYPE):

Model	Load Capacity (t)	H mm	A mm	B mm	C mm	D mm	E mm	L mm	R mm	T mm
TY2-0.5	0.5	400	510	265	355	95	111	28	200	156
TY2-0.1	1	430	620	326	330	95	111	34	200	156
TY2-1.5	1.5	640	745	410	450	110	127	40	200	156
TY2-2.0-1	2	640	745	410	450	110	127	40	200	156
TY2-2.0-2	2	700	620	328	370	110	127	40	200	156
TY2-2.5	2.5	650	745	410	450	125	140	48	246	156
TY2-3.0-1	3	650	745	410	450	125	140	48	246	156
TY2-3.0-2	3	790	745	410	515	125	140	48	246	156
TY2-5.0	5	865	745	410	545	140	156	48	246	456

