

For lifting either wide objects or two objects horizontally/simultaneously without level deviation.

TWERM Twin Hook Electric Chain Hoist



The Kito Twin Hook Electric Chain Hoist is a single-motor electric chain hoist developed for lifting one load/two loads horizontally/simultaneously and safely without level deviation. This chain hoist is most suitable for cargo-handling operations in which wide objects or two objects require two lifting points, or accurate level/simultaneous hoisting is required.

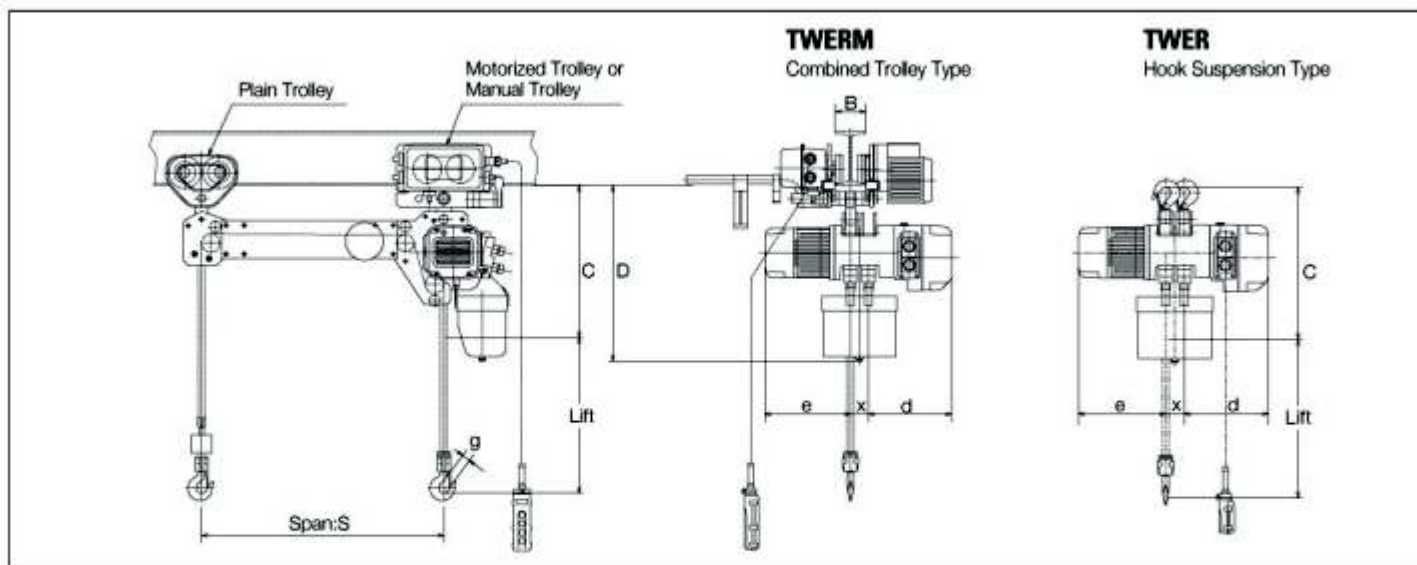
Specification

Control voltage:	48V (Other voltages are available as an option)
Operation type:	Complete with manual trolley/2-push button (Up/Down) Complete with motorized trolley/4-push button (Up/Down, Traverse) (Crane operation type is available as an option)
Power supply:	Cable type
Motor insulation class:	Class B
Classification:	ISO-M2

For dual-speed, curved beams and special lifting speed, or other customized-specifications, consult with the nearest Kito distributor.

Note:

For the hoist to be always used under rated load or near, highly frequent operations or severe working environment, a certain consideration may possibly have to be required to use a higher capacity hoist against the desired load or to replace load chain in accordance with frequency of hoist operation. In this case, consult with the nearest Kito distributor.



Specifications

W.L.L. (t)	Code	Body Size	Standard Lift (m)	Lifting Motor 3 Phase		Traversing Motor 3 Phase		Lifting Speed (m/min)		Traversing Speed (m/min)		Flange Width Adjustability :B(mm)	Load Chain Diameter (mm) x Chain Fall Lines	Test Load (t)
				Out-Put (kW)	Intermittent Rating (%ED)	Out-Put (kW)	Intermittent Rating (%ED)	50Hz	60Hz	50Hz	60Hz			
125kg+125kg	TWERM003S	ER-C	3	0.9	60	0.4	40	7.6	9.1	20(10)	24(12)	66 to 125	ø6.3x2	157kgx2
250kg+250kg	TWERM005L	ER-C		0.9	60	0.4	40	3.8	4.6	20(10)	24(12)		ø6.3x2	307kgx2
250kg+250kg	TWERM005S	ER-C		0.9	60	0.4	40	7.6	9.1	20(10)	24(12)		ø6.3x2	313kgx2
500kg+500kg	TWERM010L	ER-D		1.8	60	0.4	40	3.6	4.3	20(10)	24(12)		ø8.0x2	625kgx2
500kg+500kg	TWERM010S	ER-D		1.8	60	0.4	40	7.3	8.8	20(10)	24(12)	ø8.0x2	625kgx2	
1+1	TWERM020L	ER-E		3.5	60	0.4	40	3.6	4.3	20(10)	24(12)	100 to 150	ø10.0x2	1.25x2
1+1	TWERM020S	ER-E		3.5	60	0.4	40	7.1	8.5	20(10)	24(12)		ø10.0x2	1.25x2
1.5+1.5	TWERM030S	ER-E		4.6	60	0.4	40	5.0	6.0	20(10)	24(12)		ø11.2x2	1.88x2
2.5+2.5	TWERM050L	ER-E	3.5	60	0.75	40	2.9	3.5	20(10)	24(12)	125 to 175	ø11.2x4	3.13x2	

- W.L.L.: indicates maximum load (working load limit) which a hoist is designed to support in general service.
- Net weight depends upon Hook Span. When accurate weight information is required, contact the nearest Kito distributor.
- Trolley connected type can be used for linear beam only. In case curved beam, contact the nearest Kito distributor.
- The standard limit of the lifting height is up to 8m. Where long lifting height exceeding 8m is required, contact the nearest Kito distributor.
- Figures in parentheses show Low Traversing Speed.
- Specify beam width at the time of inquiry and order.

Dimensions (mm)

W.L.L. (t)	Code	C		D	S	d	e	g	x
		Trolley Type	Hook Suspension Type						
125kg+125kg	TWERM003S	555	545	580	more than 450	274	283	24	60
250kg+250kg	TWERM005L	555	545	580	more than 450	274	283	24	60
250kg+250kg	TWERM005S	555	545	580	more than 450	274	283	24	60
500kg+500kg	TWERM010L	620	625	700	more than 500	320	329	31	71
500kg+500kg	TWERM010S	620	625	700	more than 500	320	329	31	71
1+1	TWERM020L	815	830	810	more than 650	398	398	37	81
1+1	TWERM020S	815	830	810	more than 650	398	398	37	81
1.5+1.5	TWERM030S	905	925	920	more than 650	398	398	40	81
2.5+2.5	TWERM050L	1075	1090	980	more than 650	398	398	46	81

- *D* Dimension for combined Motorized Trolley Type.
- The standard limit of the Span S (hook span) is 4m. In case of longer span exceeding 4m, contact the nearest Kito distributor.