



ELECTRIC
CHAIN
HOIST

ED III SERIES

SINGLE-PHASE



*Compact!
Light!
Easy!*

Capacity
60kg to 480kg

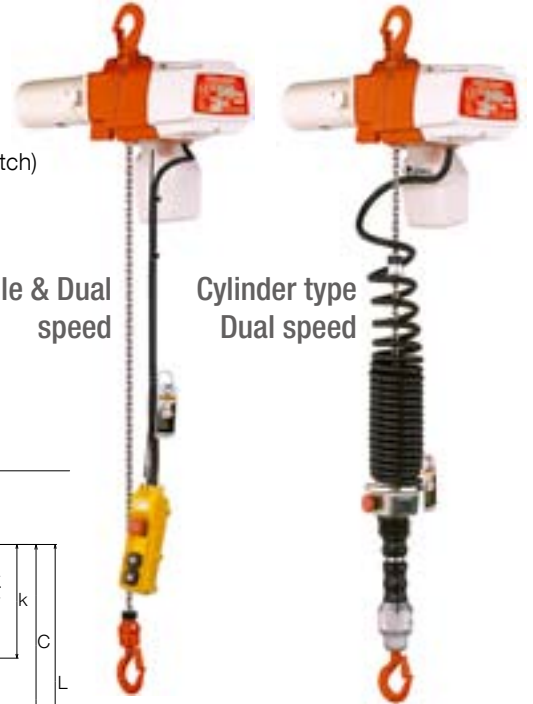
- High speed lifting/lowering
- Compact design minimizes headroom
- Powerful and high performance
- High performance mechanical brake
- Overwind protection
- Compact and lightweight. 100 kg type weighs just 11.5 kg standard lift.
- Mini Trolley expands application range.
- Degree of protection: IP54(Hoist Body), IP65(Push Button Switch), IP44(Cylinder Switch)

High strength, wear and rust resistant Nickel-plated Load Chain

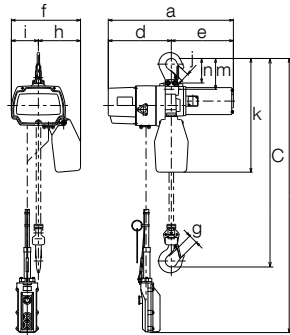
Specifications

Capacity range:	60kg to 480kg
Power supply:	Single phase AC 230V-50Hz
Control voltage:	Direct control is standard.
Controller type:	Push button type (Single and Dual speed) Cylinder type (Dual speed)

Power supply also available 220V/50Hz and 240V/50Hz



60kg to 240kg



Increased safety
(60kg to 480kg)



Upper limit switch

Chain spring (Option)

60kg to 240kg

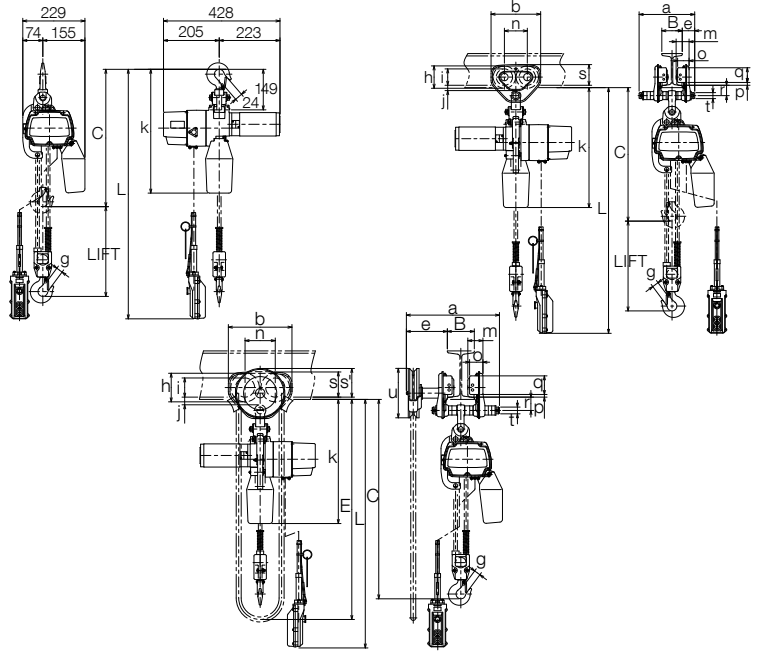
Power supply		230V-50Hz																
		Single speed type					Dual speed type					Dual Cylinder type						
Type		ED06S	ED10S	ED18S	ED16S	ED24S	ED06ST	ED10ST	ED18ST	ED16ST	ED24ST	EDC06SD	EDC10SD	EDC18SD	EDC16SD	EDC24SD		
Rated load (W.L.L.)	(kg)	60	100	180	160	240	60	100	180	160	240	60	100	180	160	240		
Motor output	(W)	300			600			300			600			300		600		
Intermittent rating	%ED	30			20			30			20			30		20		
	Max.number of starts per hour	180			120			180			120			180		120		
Rated current	(A)	3			5			3			5			3		5		
Lifting speed	(m/min)	High	20.1	12.5	7.7	19.2	12.9	20.1	12.5	7.7	19.2	12.9	20.1	12.5	7.7	19.2	12.9	
	Low	—	—	—	—	—	4	3	3	4	3	4	3	3	4	3		
Standard lift	(m)	3					3					1.8						
Push button cord length	L(m)	2.5					2.5					—						
Load chain diameter	(mm)	4					4					4						
Mass [net weight]	(kg)	11.5			15.5			12			16			14.5		18.5		
Headroom	C (mm)	315			330			315			330			945		960		
IP (degree of protection)		IP 54					IP 54					IP 44						
Insulation		F					F					F						
Dimensions	(mm)	a	364			428			364			428			364		428	
	d	187			205			187			205			187		205		
	e	177			223			177			223			177		223		
	f	205			219			205			219			205		219		
	h	125			135			125			135			125		135		
	i	80			84			80			84			80		84		
	g	25					25					25						
	j	25					25					25						
	k	340			362			340			362			340		362		
	m	92					92					92						
n	73					73					73							

- W.L.L.: Indicates maximum load (working load limit) which a hoist is designed to support in general service.
- Control: Direct voltage control.
- The lifting speed is the average of the lifting / lowering speed under the rated load. The speed will vary in a load or voltage.

Power supply also available 220V/50Hz and 240V/50Hz

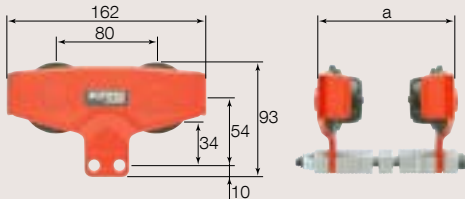
Capacity **60kg to 480kg**

480kg



Trolleys

Mini Trolley TMH25



Beam Width	a	Min Radius	Mass (Net weight)
50mm to 100mm	94mm to 144mm	600mm	1.9kg

Universal Trolleys TS Series

Plain Trolley



Geared Trolley



480kg

Power supply		230V-50Hz						
		Single speed type			Dual speed type			
Type		ED48S	ED48S+PT*	ED48S+GT**	ED48ST	ED48ST+PT*	ED48ST+GT**	
Rated load (W.L.L.)	(kg)	480						
Motor output	(W)	600						
Intermittent rating	%ED	30						
	Max. number of starts per hour	180						
Rated current	(A) 230V	5						
Lifting speed	(m/min)	High						
	Low	-			2			
Standard lift	(m)	3						
Push button cord length	L (m)	2.5						
Hand chain folded length	(m)	-		2.7		-		
Load chain diameter	(mm)	4						
Mass [net weight]	(kg)	21	25	34	21	25	34	
Headroom	C (mm)	520		535		520		
Flange width adjustability B	(mm)	-		50 to 102		75 to 125		
Minimum radius for curve	(mm)	-		1100		1300		
IP (degree of protection)		IP54						
Insulation		F						
Dimensions	(mm)	k	454	469	454	469		
		g	24	24	24	24		
		a	-	204	345	-	204	345
		b	-	182	236	-	182	236
		e	-	46	152	-	46	152
		h	-	82	106	-	82	106
		i	-	60	71	-	60	71
		j	-	19	28	-	19	28
		s	-	76	95	-	76	95
		s'	-	-	106	-	-	106
		m	-	47.5	56	-	47.5	56
		n	-	84	112	-	84	112
		o	-	42	50	-	42	50
		p	-	10	10	-	10	10
		q	-	54	69	-	54	69
		r	-	38	50	-	38	50
		t	-	22	25	-	22	25
	u	-	-	183	-	-	183	

- **1: Connected with Plain trolley. •**2: Connected with Geared trolley.
- W.L.L.: Indicates maximum load (working load limit) which a hoist is designed to support in general service.
- Control: Direct voltage control.
- The lifting speed is the average of the lifting / lowering speed under the rated load. The speed will vary in a load or voltage.



Features and performances of all the products described in this catalogue are designed for their own intended purposes. Kito will not held liable for any malfunction, lack of performance or accident if the product is being used in conjunction with any other equipment. If the product is to be used for unintended purposes, please confirm with your dealer in advance.

Specifications and dimensions are subject to change without notice.



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