

ED III SERIES SINGLE-PHASE AC230V-50Hz

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

Capacity **60kg to 480kg**

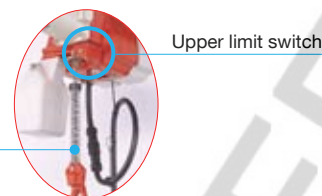
- High speed lifting/lowering
- Compact design minimizes headroom
- Powerful and high performance
- High performance mechanical brake
- Overwind protection
- Compact and lightweight. 100 kg type weighs just 11.5 kg standard lift.
- Mini Trolley expands application range.
- Degree of protection: IP54(Hoist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

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

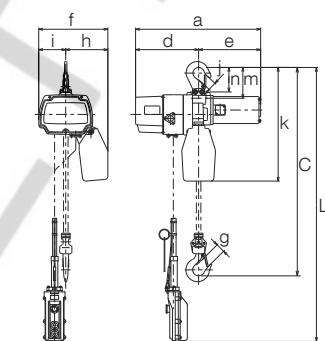
Specifications

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

Increased safety
(60kg to 480kg)



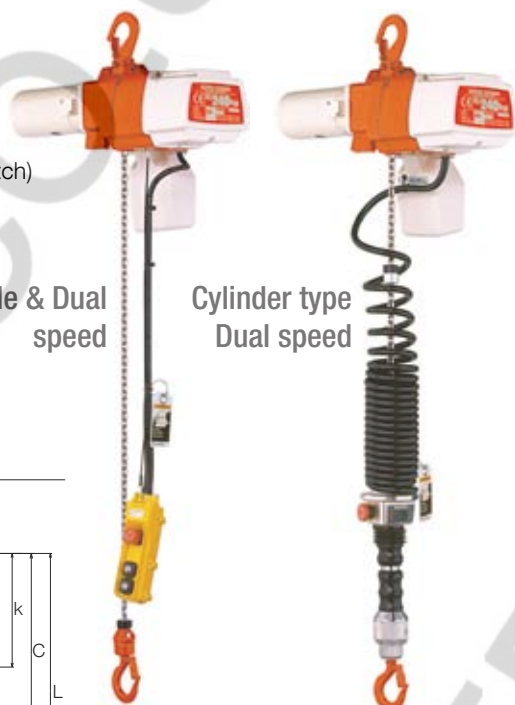
60kg to 240kg



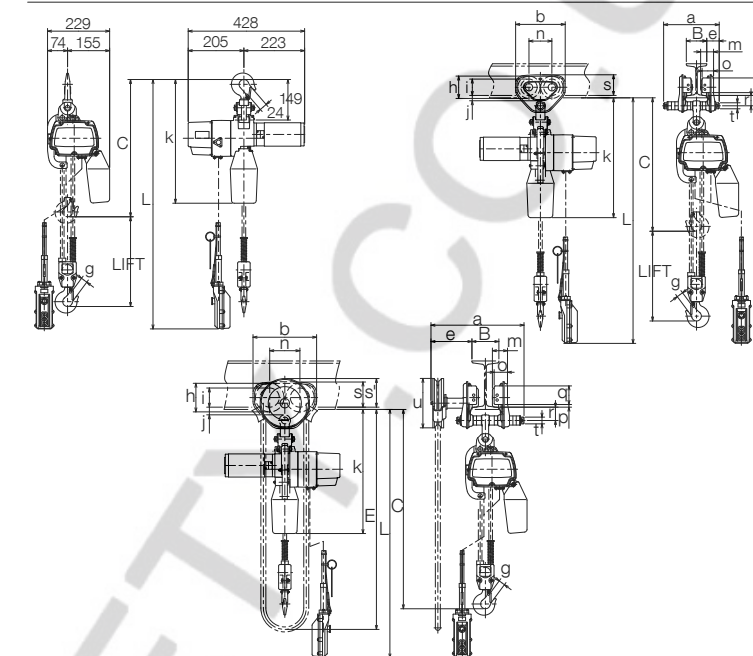
Single & Dual speed

Cylinder type Dual speed

Single & Dual speed



480kg



480kg

Power supply	230V-50Hz					
	Single speed type			Dual speed type		
Type	ED48S	ED48S-PT*	ED48S-GT**	ED48ST	ED48ST-PT*	ED48ST-GT**
Product code	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	6.4				
	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		— 1100	
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		

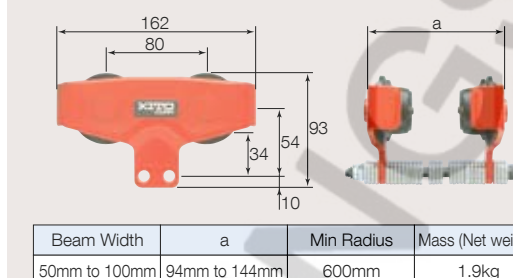
60kg to 240kg

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			
Intermittent rating	%ED	30	20	30	—	30	20	30	—	30	20	30	—	30	20	
	Max. number of starts per hour	180	120	180	—	180	120	180	—	180	120	180	—	180	120	
Rated current (A) 230V	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	—	364	—	428
	d	187	—	205	—	187	—	205	—	187	—	205	—	187	—	205
	e	177	—	223	—	177	—	223	—	177	—	223	—	177	—	223
	f	205	—	219	—	205	—	219	—	205	—	219	—	205	—	219
	h	125	—	135	—	125	—	135	—	125	—	135	—	125	—	135
	i	80	—	84	—	80	—	84	—	80	—	84	—	80	—	84
	g	25					25				25					
	j	25					25				25					
	k	340	—	362	—	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.

Trolleys

Mini Trolley TMH25



Universal Trolleys TS Series

Plain Trolley Geared Trolley



- *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.