KITO®

Compact! Light! Easy!

KITO ELECTRIC CHAIN HOIST
EDⅢ SERIES SINGLE-PHASE



ASEAN JSC.VN
ISO 9001:2015
Since 2006

EDIII SERIES | SINGLE-PHASE AC120V or 240V(max)

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

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

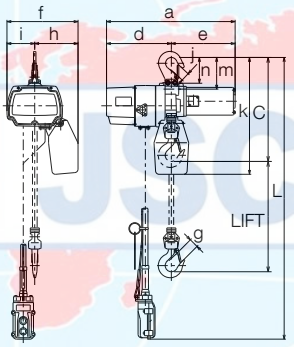
Specifications

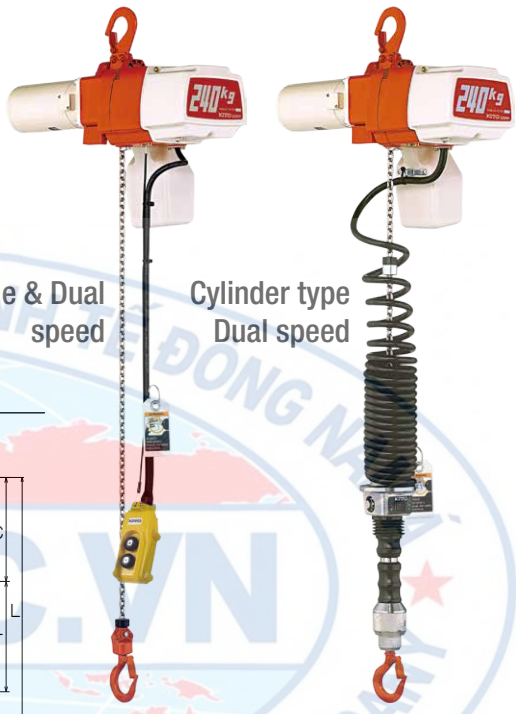
Rated capacity:	60kg to 480kg
Voltage:	Single phase AC 120V or 240V (max) both for 50Hz and 60Hz
Control voltage:	Direct control is standard. Low voltage is available as an option.
Motor insulation:	Class F
Enclosure:	Single speed/Dual speed - IP54 Cylinder - IP44
Suspension varieties:	Hook, mini trolley, universal trolley
Operating temperature:	-20 to 40 ℃ (-4 to 104 ℉)
Operating humidity:	85%RH or less

Voltage range available from 110 to 120V(max) or 220 to 240V(max)



60kg to 240kg





The push button in the picture is a dual speed type.

60kg to 240kg

Power supply		120V or 240V 50Hz/60Hz															
Type		Single speed type					Dual speed type					Cylinder type					
Product code		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		
Short time rating	(min)	15(20)*1		10(15)*1	20		15(20)*1		10(15)*1	20		15(20)*1		10(15)*1	20		
Inter-mittent rating	%ED	30		20	30		30		20	30		30		20	30		
	Max.number of starts per hour	180		120	180		180		120	180		180		120	180		
Rated current	(A) 120V	5		6	10		5		6	10		5		6	10		
	(A) 240V	3			5		3			5		3			5		
Lifting speed	(m/min) High	21	13	8	20	13.5	21	13	8	20	13.5	21	13	8	20	13.5	
	(m/min) 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 (12)*2			15.5 (16)*2		12 (12.5)*2			16 (16.5)*2		14.5 (15)*2			18.5(19)*2		
Headroom	C (mm)	315			330		315			330		945			960		
Dimensions	(mm) a	371 (364)*1			428		371 (364)*1			428		371 (364)*1			428		
	d	187			205		187			205		187			205		
	e	184 (177)*1			223		184 (177)*1			223		184 (177)*1			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					

- •Control: Direct control is standard. Low voltage is available upon request.
- •Power supply cable: 2mm² x 3 conductors x 5m with grounding wire.
- •The lifting speed is the average of the lifting / lowering speed under the rated load. The speed will vary in a load or voltage.
- •W.L.L.: Indicates maximum load (working load limit) which a hoist is designed to support in general service.
- •In case of with mini trolley, dimensions “C” and “k” are shorter by 45mm.
- •*1: Figures in parentheses show the data for 240V(max).
- •*2: Mass in parentheses are at Low voltage control 27V.

Voltage range available from 110 to 120V(max) or 220 to 240V(max).
The lifting speed varies according to the decreasing of the voltage.

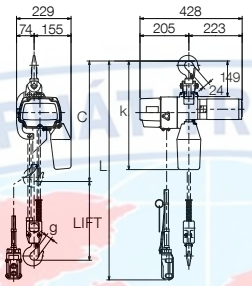
Capacity 60kg to 480kg



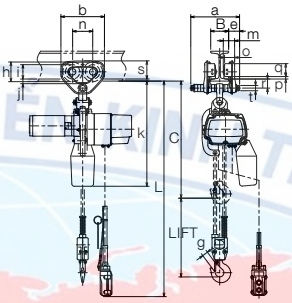
The push button in the picture is a dual speed type.

480kg

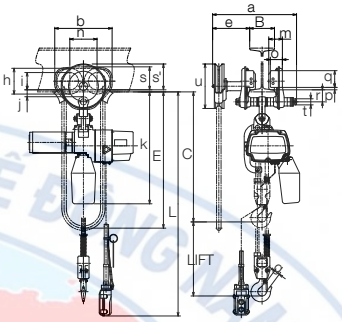
With Hook Suspension



With Plain Trolley



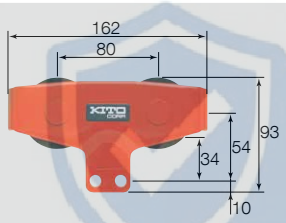
With Geared Trolley



480kg								
Power supply			120V or 240V 50Hz/60Hz					
Type			Single speed type			Dual speed type		
Product code			ED48S	ED48S+PT*3	ED48S+GT*4	ED48ST	ED48ST+PT*3	ED48ST+GT*4
Rated load (W.L.L.)		(kg)	480					
Motor output		(W)	600					
Short time rating		(min)	15(20)*1					
Inter-mittent rating	%ED		30					
	Max.number of starts per hour		180					
Rated current	(A)	120V	10					
		240V	5					
Lifting speed	(m/min)	High	6.7					
		Low	—			2		
Standard lift		(m)	3					
Push button cord length	L	(m)	2.5					
Hand chain folded length		(m)	—		2.7	—		2.7
Load chain diameter		(mm)	4					
Mass [net weight]		(kg)	21(21.5)*2	25(25.5)*2	34(34.5)*2	21(21.5)*2	25(25.5)*2	34(34.5)*2
Headroom	C	(mm)	520		535	520		535
Flange width adjustability	B	(mm)	—	50 to 102	75 to 125	—	50 to 102	75 to 125
Minimum radius for curve		(mm)	—	1100	1300	—	1100	1300
Dimensions	k	(mm)	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

Trolley for 60 to max.250kg

Mini Trolley TMH25



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

Trolley for max.480kg

Universal Trolleys TS Series

Plain Trolley



Geared Trolley



- Control: Direct control is standard. Low Voltage is available upon request.
- Power supply cable: 2mm² x 3 conductors x 5m with grounding wire.
- The lifting speed is the average of the lifting / lowering speed under the rated load. The speed will vary in a load or voltage.
- W.L.L.: Indicates maximum load (working load limit) which a hoist is designed to support in general service.
- *1: Figures in parentheses show the data for 240V(max).
- *2: Mass in parentheses are at Low voltage control 27V.
- *3: Connected with Plain trolley.
- *4: Connected with Geared trolley.













- The functions and performance of the products mentioned in the catalog have been designed based on the related regulations and standards. If they are used for other than their intended purposes such as being integrated into your equipment, we will not take any responsibility for accidents attributable to their unintended usages as well as guarantee their performance and functions. Never remodel our products.
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KITO®

KITO CORPORATION
SHINJUKU NS Bldg. 9F, 2-4-1 Nishi-Shinjuku, Shinjuku-ku, Tokyo 163-0809 JAPAN
TEL: +81-3-5908-0180 FAX: +81-3-5908-0189
kito.co.jp/en KITO Global Website: kito.com

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