

EQ SERIES ELECTRIC CHAIN HOIST

DUAL SPEED WITH INVERTER



Applications

- ✓ Used in mining, construction, engineering, foundry, automotive, logistics and manufacturing industry
- ✓ Ideal for the assembly line, work station

Features

- ✓ Dual speed with inverter adjustable speed (standard speed ratio 6:1)
- ✓ Options available are 3 m and 6 m lift in 125 kg, 250 kg, 500 kg and 1 t capacities
- ✓ No-load high-speed function
- ✓ 40/20% ED duty rating
- ✓ Counter hour meter
- ✓ Triple safety mechanism consisting of electronic overload limiter, friction clutch & upper-lower limit switch (a triple-safety mechanism prevents accidents from excessive loads)
- ✓ Nickel-plated load chain
- ✓ Electronic thermal motor protection prevents the motor from overheating
- ✓ Hanging suspension: easy to assemble/disassemble

Compact, light-weight EQ electric chain hoist is designed for flexibility and durability in lifting loads.

Capacity: 125kg – 1T

Options



Top hook



Push trolley



Motorised trolley

Australian Standard: AS 1418.2

EQ Series Electric Chain Hoist

Outline

Rated capacity:	125kg-1t (Dual speed)
Voltage:	200-230V 50/60Hz, 380-460V 50/60Hz
Control voltage:	DC 24V
Duty rating:	40/20% ED
Classification:	1t: M5 (ISO/JIS), 2m (FEM), H4 (ASME) 125-500kg: M6 (ISO/JIS), 3m (FEM), H4 (ASME)
Motor insulation:	Class B
Enclosure:	Hoist body: IP55, Push button control: IP65
Suspension varieties:	Manual trolley, motorised trolley
Operating temperature:	-20 to +40°C (-4 to +104°F)
Operating humidity:	85%RH or less
Noise level:	EQ, dual speed VFD model 80dB or less (A scale: measured at 1m away from the Electric chain hoist) MR2Q 85dB or less (A scale: measured at 1m away from the Electric chain hoist)
Sound power level:	MR2Q 96dB or less (A scale)

EQ Series Electric Chain Hoist



Capacity	Part No.	Model	Standard Lift (m)	Lift Speed (m/min)	Headroom (mm)	Weight (kg)	Load Chain dia (mm) x falls	Load Chain dia Part No.
125kg	47106	EQ001IS	3	17-2.8	395	30	5.6x1	47715
250kg	47107	EQ003IS	3	10-1.7	395	30	5.6x1	47715
500kg	47108	EQ005IS	3	7.6-1.3	410	32	5.6x1	47715
1000kg	47109	EQ010IS	3	7.1-1.2	465	42	7.1x1	47716
125kg	47190	EQ001IS	6	17-2.8	395	32	5.6x1	47715
250kg	47191	EQ003IS	6	10-1.7	395	32	5.6x1	47715
500kg	47192	EQ005IS	6	7.6-1.3	410	34	5.6x1	47715
1000kg	47193	EQ010IS	6	7.1-1.2	465	46	7.1x1	47716

Motorised Trolley MR2Q



Capacity	Part No.	Model	Traverse Speed M/Min	Beam Range (mm)	Min Radius Mtr
125kg	47162	MR2Q001IS	24/4	58-153	0.8
250kg	47163	MR2Q003IS	24/4	58-153	0.8
500kg	47164	MR2Q005IS	24/4	58-153	0.8
1000kg	47160	MR2Q010IS	24/4	58-153	0.8
125kg	47167	MR2Q001IS	24/4	154-305	0.8
250kg	47168	MR2Q003IS	24/4	154-305	0.8
500kg	47170	MR2Q005IS	24/4	154-305	0.8
1000kg	47165	MR2Q010IS	24/4	154-305	0.8



Premium Quality Products

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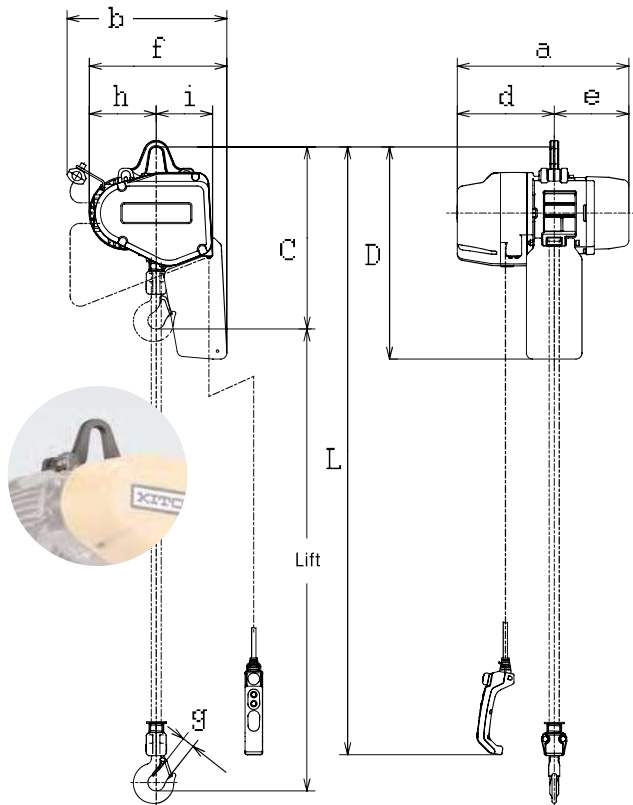
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EQ/ EQS Series Electric Chain Hoist

Suspension eye

EQ

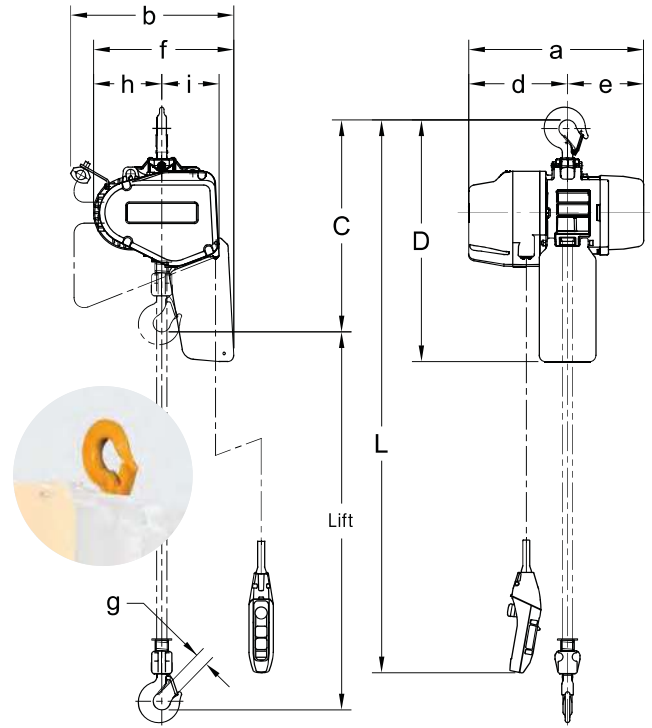
EQS



Top hook

EQ

EQS



Dimensions EQ / EQS

Basic	Type	Load capacity	Headroom C (mm)				Dimensions (mm)							
			C	C	D	D	a	b	d	e	f	g	h	i
		kg	top hook	suspension eye	top hook	suspension eye								
EQ	EQ001IS	125	440	395	533	485	417	367	230	187	298	27	137	128
EQ	EQ003IS	250	440	395	533	485	417	367	230	187	298	27	137	128
EQ	EQ005IS	500	458	410	533	485	417	367	230	187	298	27	137	128
EQ	EQ010IS	1,000	525	465	598	535	433	403	245	188	332	31	154	142
EQS	EQS005IS	500	458	410	533	485	417	367	230	187	298	27	137	128
EQS	EQS010IS	1,000	525	465	598	535	433	403	245	188	332	31	154	142

Technical Data EQ / EQS

Basic	Type	Load capacity	Body size	Standard lifting height	Lifting motor		Lifting speed, m / min			Load chain diameter	Chain falls	Classification	Weight	Headroom C
					Output, kW	Rating, % ED	High (light load), 0 - 30%	High, 30 - 100%	Low					
		kg		m						mm		FEM	kg	mm
EQ	EQ001IS	125	C	3	0.5	40 / 20	22.0	17.0	2.8	5.6 x 15.7	1	3m	32	395
EQ	EQ003IS	250	C	3	0.5	40 / 20	13.0	10.0	1.7	5.6 x 15.7	1	3m	31	395
EQ	EQ005IS	500	C	3	0.75	40 / 20	9.9	7.6	1.3	5.6 x 15.7	1	3m	32	410
EQ	EQ010IS	1,000	D	3	1.5	40 / 20	9.2	7.1	1.2	7.1 x 19.9	1	2m	42	465
EQS	EQS005IS	500	C	3	0.75	40 / 20	9.9*	7.6*	1.3	5.6 x 15.7	1	3m	33	410
EQS	EQS010IS	1,000	D	3	1.5	40 / 20	9.2**	5.1**	1.2	7.1 x 19.9	1	2m	43	465

*% of full load, EQS005 speed ratio 6:1.

**EQS010 speed ratio 4:1, 1.8 times faster lifting speed when lifting less than 30% of full load.