

EQS SINGLE PHASE ELECTRIC CHAIN HOIST

DUAL SPEED WITH INVERTER



Applications

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

Features

- ✓ Single Phase 240V 50Hz, it can be used where no 3-phase power is available
- ✓ Dual speed with inverter adjustable speed (standard speed ratio 6:1)
- ✓ Standard options available are 3 m and 6 m lift in 500 kg and 1 t capacities (tailored options available up to 15m)
- ✓ 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

Australian Standard: AS 1418.2

Economical, light-weight and compact electric chain hoist is designed for easy portability in lifting loads.

Capacity: 500kg – 1T

Options



Top hook



Push trolley

EQS Series Electric Chain Hoist

Outline

Rated capacity:	500kg-1t (Dual speed)
Voltage:	240V 50Hz (Single phase)
Control voltage:	DC 24V
Duty rating:	40/20% ED
Classification:	1t: M5 (ISO/JIS), 2m (FEM), H4 (ASME) 500kg: M6 (ISO/JIS), 3m (FEM), H4 (ASME)
Motor insulation:	Class B
Enclosure:	Hoist body: IP55, Push button control: IP65
Suspension varieties:	Manual 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)

➤ EQS Series Electric Chain Hoist



Capacity	Part No.	Model	Standard Lift (m)	Lift Speed (m/min) 50Hz			Weight (kg)	Load Chain dia (mm) x falls	Load Chain dia Part No.
				High	Low	No Load High Speed			
500kg	47581	EQS005IS	3	7.6	1.3	9.9	33	5.6x1	47715
1000kg	47584	EQS010IS	3	5.1	1.2	9.2	43	7.1x1	47715
500kg	47582	EQS005IS	6	7.6	1.3	9.9	35	5.6x1	47715
1000kg	47585	EQS010IS	6	5.1	1.2	9.2	46	7.1x1	47716

*Optional lift heights available

➤ Push Trolley



Capacity	Part No.	Model	Beam Range (mm)
500kg	47508	TSP005	50-102
500kg	47493	TSP005 W20 Kit	103-203
500kg	47494	TSP005 W30 Kit	204-305
1000kg	47509	TSP010	58-127
1000kg	47438	TSP010 W20 Kit	127-203
1000kg	47439	TSP010 W30 Kit	204-305



Premium Quality Products

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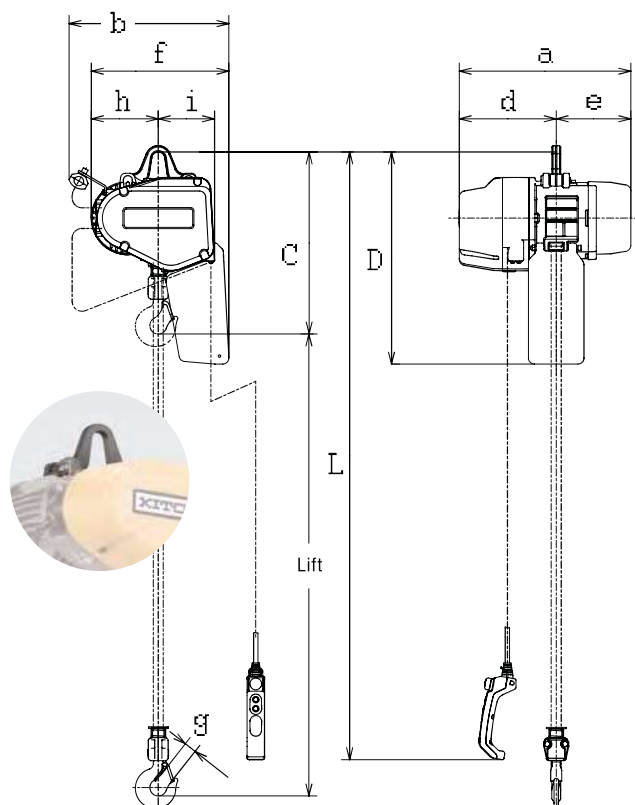
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EQ/ EQS Series Electric Chain Hoist

Suspension eye

EQ

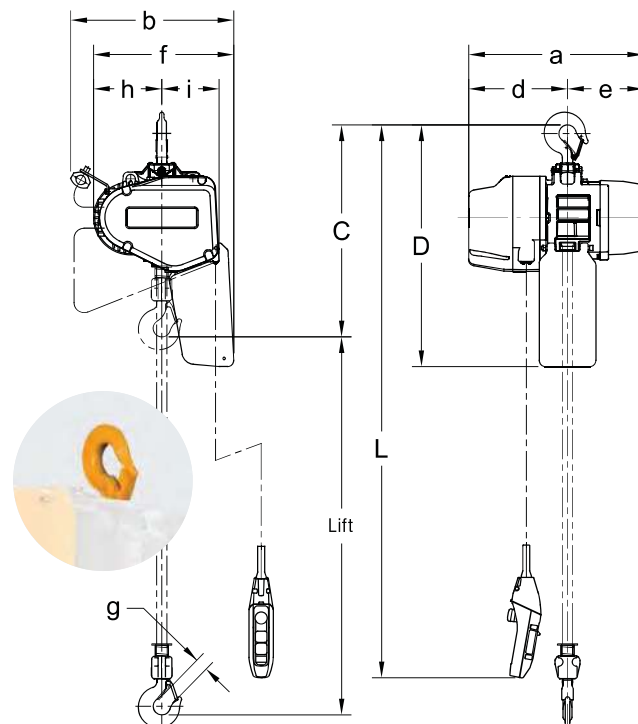
EQS



Top hook

EQ

EQS



Dimensions EQ / EQS

Basic	Type	Load capacity	Headroom C (mm)				Dimensions (mm)							
			C top hook	C suspension eye	D top hook	D suspension eye	a	b	d	e	f	g	h	i
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.