



EQS ELECTRIC CHAIN HOIST

500 kg and 1,000 kg load capacity

Features

- ▶ 110V or 220V - 240V, 50Hz, single phase
- ▶ 24V control voltage
- ▶ Dual lifting speed
- ▶ Maximum lifting height 15 m
- ▶ Frequency inverter for precise positioning of the load and "No-load High-speed" function
- ▶ Frequency inverter controlled electronic overload protection and long-life friction clutch as mechanical overload protection
- ▶ Operating hours counter / load cycle counter
- ▶ Upper and lower limit switch
- ▶ Pull-rotor brake, extremely durable and reliable

- ▶ Nickel-plated load chain grade T, series DAT (G80) in accordance with standard EN 818-7
- ▶ Eye suspension
- ▶ Operating temperature -20° C up to +40° C, max. 85% humidity
- ▶ Compact aluminium body, sealed (IP55 rated)

Options

- ▶ Top hook
- ▶ Radio remote control
- ▶ Plain trolley
- ▶ Safety load hook



Power supply
220 - 240 V,
single phase



"No-load High-speed" function:
1.3 times or 1.8 times faster lifting speed when lifting less than 30% of full load

Benefits



“No-load High-speed” function

- ▶ 1.3 times faster lifting speed when lifting less than 30% of full load. The EQS010IS even lifts due to its design 1.8 times faster at a maximum of 30% of the nominal load
- ▶ Improves work efficiency



Frequency inverter provides smooth starts and improved low speed stops

- ▶ Precise positioning
- ▶ Prevents load swing
- ▶ Increase safety
- ▶ Easy to use



High FEM classification

- ▶ 500 kg load capacity FEM 3 m / ISO M6
- ▶ 1,000 kg load capacity FEM 2 m / ISO M5
- ▶ High durability and reliability



Reliable low-maintenance design

- ▶ Sealed die-cast aluminum body, IP55 rated
- ▶ No transformer, no electromagnetic components like contactors, relays, etc.

Applications



- Construction sites
- Maintenance services
- Sewage industry
- Workshops
- Agriculture
- Technical Inspections
- Production facilities
- Assembly lines

Technical data

Type	Load capacity kg	Body size	Standard lifting height m	Lifting motor		Lifting speed, m / min			Load chain diameter mm	Chain falls	Classification FEM	Weight kg	Headroom C mm
				Output, kW	Rating, % ED	High (light load), 0 - 30 %	High, 30 - 100 %	Low					
EQS005IS	500	C	3	0.75	40 / 20	9.9*	7.6*	1.3	5.6 x 15.7	1	3m	33	410
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.