

SEQ PRODUCTION ELECTRIC CHAIN HOIST

When voltage is limited, you don't have to be.

Welcome to the SEQ family of powered hoists: smooth starts and stops, adjustable speeds, and unbeatable precision. Fitted with a Variable Frequency Drive and with single phase power, the SEQ is where safety and performance meet innovation.

Also available in 3-phase power with model **EQ (/electric-hoists/eq)**

Variable Frequency Drive (VFD)

Comes with a standard “under-the-cover” variable frequency drive – regardless of voltage. This device works by varying the power to the motor, which allows you to adjust both the high and low speeds. It also provides a soft-start/soft-stop operation to reduce shock loads, swing, and bounce – resulting in more precise load control and longevity of the hoist.

Compact Aluminum Body

Die-cast body is lightweight and offers low headroom – one of the best in the industry. Paint is electrostatically applied.

Unique Chain Guide

Provides quiet and smooth guiding of chain. Heavy cast iron construction for improved wear versus stamped steel design offered by many manufacturers.

Self-Adjusting Maintenance-Free Brake

Equipped with an electromagnetic pull rotor brake, the SEQ has no brake coil to fail or discs to replace, making it virtually maintenance free.

No-Load High Speed

When working with less than 30% of the full rated capacity, the SEQ can operate 1.3 times faster, optimizing your work efficiency and production time.

Extreme Duty, Single-Phase, Fan-Cooled Motor

Rated for an ASME H4 Classification, the motor has a 30/10 minute duty rating in a single phase, dual speed offering. The external motor fan functions to quickly eliminate resistor, motor, and brake heat.



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SINGLE PHASE ELECTRIC
CHAIN HOISTS

SEQ PRODUCTION ELECTRIC CHAIN HOIST

CAPACITY

- 1/8 to 1 metric tonnes

STANDARDS

- ASME H4
- ASME B30.16
- CSA C22.2 NO. 33, 14-13, 66.1-06
- IP55 dust-tight and watertight environmental protection

OPTIONS

- Plain trolley mount
- Hook mount or suspension bar
- Chain containers (20' & 50' max lift)

BODY

- Die-cast aluminum frame
- Completely sealed body
- Suitable for both indoor and outdoor applications
- Lightweight
- Low headroom profile

GEARS

- Precision machined, induction-hardened alloy helical and spur gears submersed in an oil bath

CHAIN SYSTEM

- Grade 80 load chain certified to DIN standards
- Nickel plated and corrosion resistant
- 5 pocket load sheave reduces vibration and chain wear
- Long-lasting, heavy-duty cast iron construction chain guide, easily replaced without disassembling hoist

HOOKS

- Forged carbon steel opens gradually without fracturing under excessive loads
- Bottom hook swivels 360 degrees
- Self-closing top and bottom hooks with heavy-duty hook latch

CONTROLS

- Located on one central electrical panel
- 24V DC

VFD

- Variable Frequency Drive
- Adjustable speeds
- Standard speed ratio 6:1 adjustable to 10:1
- No-load, high-speed function that automatically increases hoist speed up to 130% when the load is less than 30% of working load limit

PUSH BUTTON STATION

- Impact resistant plastic with molded strain relief to avoid damage from pulling on the push button cord
- IP65 dust-tight and watertight environmental protection
- Ergonomic design – easy to use one-handed operation
- E-Stop

BEARINGS

- High quality anti-friction ball and roller design

BRAKE

- Durable, reliable, and maintenance free pull-rotor motor brake
- External motor fan eliminates brake heat

MOTOR

- Single phase
- Totally enclosed fan cooled (TEFC)
- Insulation class B
- Hertz 60
- 30/10 minute duty rating

OVERLOAD PROTECTION

- Long-life friction clutch protects hoist from excessive overload damage

OVERTRAVEL PROTECTION

- Low profile limit switch disables controls when load block reaches upper or lower travel limit

OPERATING CONDITIONS

- -20° to +40°C
- Humidity of 85% or less



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SEQ

HOOK MOUNT

SPECIFICATIONS

Capacity (tonne)	Model	Standard Lift	Pendant Cord Length (L)	Hoist 1-phase 60Hz						Load Chain Diameter (mm) x Chain Fall Lines	Net Weight (lbs)	Weight Per Additional 5ft of Lift (lbs)
				Lifting Speed (ft/min)			Output (Hp)	Rated Current (amps)				
				High	Low	No Load High Speed		115V	230V			
1/8	SEQ001SD	10	8.2	56	9.3	72	0.67	11.0	7.1	5.6 x 1	71	2.4
1/4	SEQ003SD	10	8.2	33	5.5	43	0.67	12.7	7.2	5.6 x 1	71	2.4
1/2	SEQ005SD	10	8.2	25	4.2	32	1	14.9	9.0	5.6 x 1	75	2.4
1	SEQ010SD	10	8.2	17	3.9	30	1.3	19.5	12.0	7.1 x 1	97	3.85

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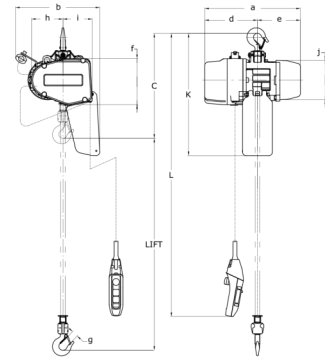
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SINGLE PHASE ELECTRIC
CHAIN HOISTS

SEQ PRODUCTION ELECTRIC CHAIN HOIST

SEQ

HOOK MOUNT



SEQ line drawing

*For informational purposes only,
contact Kito for dimensional drawing

DIMENSIONS

Capacity (tonne)	Model	C (in.)	f	a	b	d	e	h	i	g	j	K
1/8	SEQ001SD	17.3	200.5	416.5	366	231	188	137	127	28	172.5	534
1/4	SEQ003SD	17.3	200.5	416.5	366	231	188	137	127	28	172.5	534
1/2	SEQ005SD	18	200.5	416.5	366	231	188	137	127	28	172.5	534
1	SEQ010SD	20.7	236	432	404	244	188	155	142	30.5	183	597

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SEQS

SUSPENSION BAR MOUNT

SPECIFICATIONS

Capacity (tonne)	Model	Standard Lift	Pendant Cord Length (L)	Hoist 1-phase 60Hz						Load Chain Diameter (mm) x Chain Fall Lines	Net Weight (lbs)	Weight Per Additional 5ft of Lift (lbs)
				Lifting Speed (ft/min)			Output (Hp)	Rated Current (amps)				
				High	Low	No Load High Speed		115V	230V			
1/8	SEQ001SD	10	8.2	56	9.3	72	0.67	11.0	7.1	5.6 x 1	71	2.4
1/4	SEQ003SD	10	8.2	33	5.5	43	0.67	12.7	7.2	5.6 x 1	71	2.4
1/2	SEQ005SD	10	8.2	25	4.2	32	1	14.9	9.0	5.6 x 1	75	2.4
1	SEQ010SD	10	8.2	17	3.9	22	1.3	19.5	12.0	7.1 x 1	97	3.85



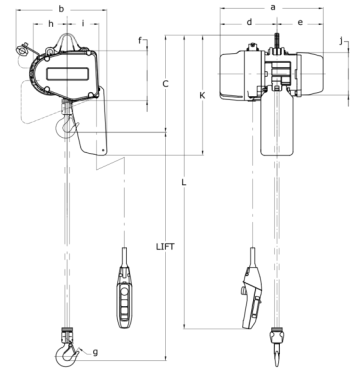
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SEQ PRODUCTION ELECTRIC CHAIN HOIST

SEQS SUSPENSION BAR MOUNT



SEQ line drawing

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DIMENSIONS

Capacity (tonne)	Model	C (in.)	f	a	b	d	e	h	i	g	j	K
1/8	SEQ001SD	15.6	200.5	416.5	366	231	188	137	127	28	172.5	485
1/4	SEQ003SD	15.6	200.5	416.5	366	231	188	137	127	28	172.5	485
1/2	SEQ005SD	16.1	200.5	416.5	366	231	188	137	127	28	172.5	485
1	SEQ010SD	18.3	236	432	404	244	188	155	142	30.5	183	539



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SEQP

PLAIN TROLLEY MOUNT

SPECIFICATIONS

Capacity (tonne)	Model	Standard Lift	Pendant Cord Length (L)	Hoist 1-phase 60Hz						Flange Width Adjustability B(in.)		Load Chain Diameter (mm) x Chain Fall Lines	Net Weight (lbs)	Weight Per Additional 5ft of Lift (lbs)
				Lifting Speed (ft/min)			Output (Hp)	Rated Current (amps)						
				High	Low	No Load High Speed		115V	230V					
1/8	SEQP001SD	10	8.2	56	9.3	72	0.67	11.0	7.1	2.28 ~5	5.01~ 8 8.01~12	5.6 x 1	75	2.4
1/4	SEQP003SD	10	8.2	33	5.5	43	0.67	12.7	7.2	2.28 ~5	5.01~ 8 8.01~12	5.6 x 1	75	2.4
1/2	SEQP005SD	10	8.2	25	4.2	32	1	14.9	9.0	2.28 ~5	5.01~ 8 8.01~12	5.6 x 1	79	2.4
1	SEQP010SD	10	8.2	17	3.9	22	1.3	19.5	12.0	2.28 ~5	5.01~ 8 8.01~12	7.1 x 1	108	3.85



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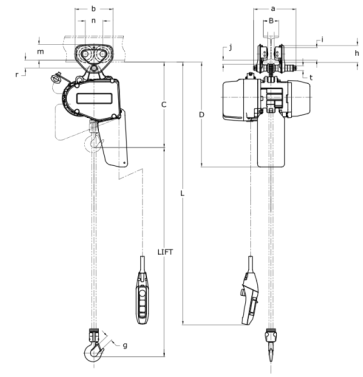
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SINGLE PHASE ELECTRIC
CHAIN HOISTS

SEQ PRODUCTION ELECTRIC CHAIN HOIST

SEQP

PLAIN TROLLEY MOUNT



SEQ line drawing

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DIMENSIONS

Capacity (tonne)	Model	C (in.)	D	a	b	g	h	i	j	m	n	r	t
1/8	SEQP001SD	16.3	505	264	183	28	81	61	19	76	84	38	23
1/4	SEQP003SD	16.3	505	264	183	28	81	61	19	76	84	38	23
1/2	SEQP005SD	16.9	505	264	183	28	81	61	19	76	84	38	23
1	SEQP010SD	19.3	564	284	236	30	107	71	25	94	112	51	25.4

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SINGLE PHASE ELECTRIC
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SEQ PRODUCTION ELECTRIC CHAIN HOIST

SEQM

MOTORIZED TROLLEY MOUNT

SPECIFICATIONS

Capacity (tonnes)	Model	Speed (ft/min)		Flange Width (in)		Minimum Radius for Curve (mm)	Motor H.P.		Ship Weight (lbs)	Weight Per Additional 5ft of Lift (lbs)	Hoist 1-phase 60Hz	
		Hoist Lifting	Trolley Traversing	Standard	Extension Shaft		Hoist	Trolley			Rated Current (amps)	
											115V	230V
1/8	SEQM001SD	56/9.3	80/13	2.28 - 6.02	6.02 - 12	800	0.67	0.54	139	2.4	15.5	9.2
1/4	SEQM003SD	33/5.5	80/13	2.28 - 6.03	6.03 - 12	800	0.67	0.54	141	2.4	17.2	9.3
1/2	SEQM005SD	25/4.2	80/13	2.28 - 6.04	6.04 - 12	800	1	0.54	146	2.4	19.4	11.1
1	SEQM010SD	17/3.9	80/13	2.28 - 6.05	6.05 - 12	800	1.3	0.54	165	3.85	24.0	14.1



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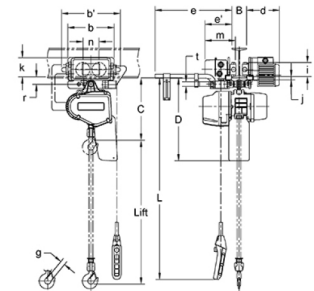
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SEQ PRODUCTION ELECTRIC CHAIN HOIST

SEQM

MOTORIZED TROLLEY MOUNT



SEQM line drawing

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DIMENSIONS

Capacity (tonne)	Model	C (in.)	D	b'	b	d	e	e'	g	i	j	k	n	r	t
1/8	SEQM001SD	16.5	20.3	15.6	12.4	8.7	20.3	7.1	1.1	3.7	1.1	5.1	4.3	2.0	1.2
1/4	SEQM003SD	16.5	20.3	15.6	12.4	8.7	20.3	7.1	1.1	3.7	1.1	5.1	4.3	2.0	1.2
1/2	SEQM005SD	17.3	20.3	15.6	12.4	8.7	20.3	7.1	1.1	3.7	1.1	5.1	4.3	2.0	1.2
1	SEQM010SD	19.3	22.2	15.6	12.4	8.7	20.3	7.1	1.2	3.7	0.9	5.1	4.3	2.0	1.2

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