



# EQM Electric Chain Hoist with Motorized Trolley

## Models EQ1 and MQ1

### Specifications and Dimensions

#### PURPOSE

To provide dimension and specification information for dual speed inverter EQM model electric chain trolley hoist.

#### IMPERIAL SPECIFICATIONS - DUAL SPEED HOIST WITH DUAL SPEED TROLLEY

Cap. (Tons)	Product Code	Std. Lift (ft)	Push Button Cord L (ft)	Lifting Motor <sup>1</sup> 3 Phase 50/60 Hz					Traversing Motor <sup>1</sup> 3 Phase 50/60 Hz					Flange Width Adjustability B (in)		Minimum <sup>3</sup> Allow. Radius for curve (in)	Load Chain Diameter (mm) x Chain Fall Lines	Net Weight (lbs)	Weight for Additional One Foot of Lift (lbs)					
				Lifting Speed <sup>2</sup> (ft/min)			Output (Hp)	Rated Current (amps)		Traversing Speed <sup>2</sup> (ft/min)		Output (Hp)	Rated Current (amps)							Standard	Optional			
				High	Low	No load High Speed		@208 - 230V	@380-460V	High	Low		@208 - 230V	@380V-440	@415-460V									
1/8	EQM001SD-SD	10	8.2	56	9.3	72	0.67	5.1	2.8	80	13	0.54	3.4	2.5	1.7	2.28 to 6.02	6.03 to 12.00	31.5	5.6 x 1	139	0.48			
1/4	EQM003SD-SD			33	5.5	43														141				
1/2	EQM005SD-SD			25	4.2	32														1.0		6.3	3.3	146
1	EQM010SD-SD			23	3.8	30														2.0		10.5	5.5	165

- 1) Although different voltages are shown, motors are **NOT** re-connectable and voltage can **NOT** be changed due to electrical components being voltage specific.
- 2) Speeds are adjustable between low and high speed
- 3) Flange widths smaller than 4 inches will have a minimum radius of 137.8 inches.

#### IMPERIAL DIMENSIONS - DUAL SPEED HOIST WITH DUAL SPEED TROLLEY

Cap. (Tons)	Product Code	Headroom C (in)	D (in)	b' (in)	b (in)	d (in)	e (in)	e' (in)	g (in)	i (in)	j (in)	k (in)	m (in)	n (in)	r (in)	t (in)
1/8	EQM001SD-SD	16.5	20.3	15.6	12.4	8.7	20.3	7.1	1.1	3.7	1.1	5.1	8.1	4.3	2.0	1.2
1/4	EQM003SD-SD															
1/2	EQM005SD-SD	17.3														
1	EQM010SD-SD	19.3	22.2						1.2		0.9					

#### METRIC SPECIFICATIONS - DUAL SPEED HOIST WITH DUAL SPEED TROLLEY

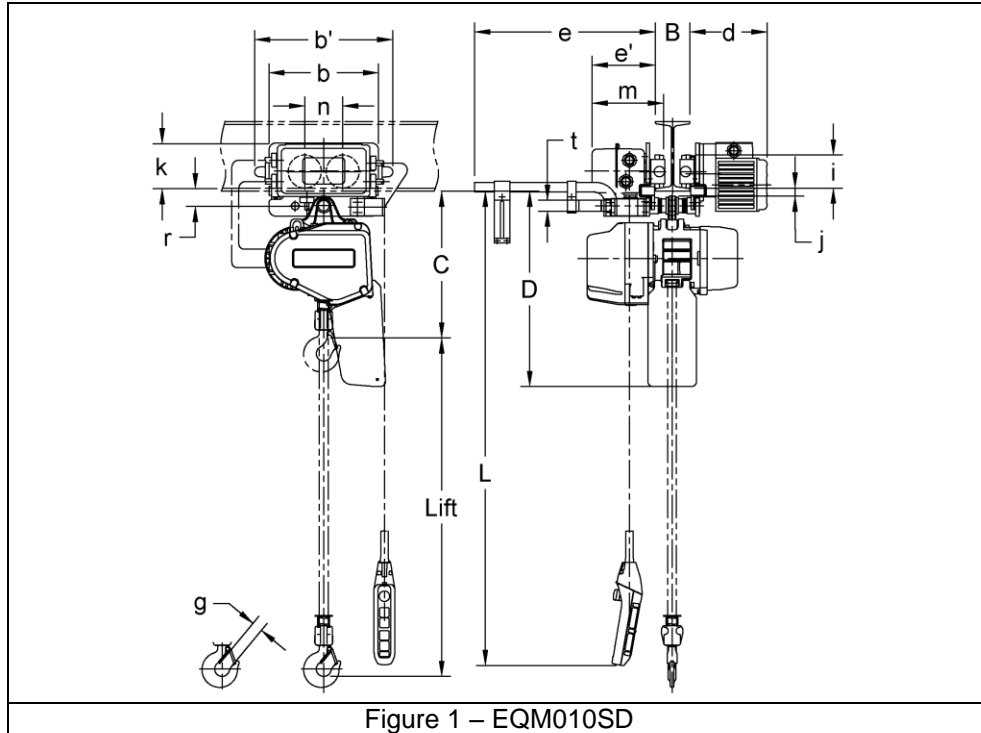
Capacity		Product Code	Std. Lift (m)	Push Button Cord L (m)	Lifting Motor <sup>1</sup> 3 Phase 50/60 Hz					Traversing Motor <sup>1</sup> 3 Phase 50/60 Hz					Flange Width Adjustability B (mm)		Minimum <sup>3</sup> Allow. Radius for curve (mm)	Load Chain Diameter (mm) x Chain Fall Lines	Net Weight (kg)	Weight for Additional One Meter of Lift (kg)					
Mexico/CA (TONS)	South America				Lifting Speed <sup>2</sup> (m/min)			Output (kW)	Rated Current (amps)		Traversing Speed <sup>2</sup> (m/min)		Output (kW)	Rated Current (amps)							Standard	Optional			
					High	Low	No load High Speed		@208 - 230V	@380-460V	High	Low		@208 - 230V	@380V-440	@415-460V									
1/8	125kg	EQM001SD-SD	3.0	2.5	17	2.8	22	0.5	5.1	2.8	24	4	0.40	3.4	2.5	1.7	58 to 153	154 to 305	800	5.6 x 1	63	0.71			
1/4	250kg	EQM003SD-SD			10	1.7	13														64				
1/2	500kg	EQM005SD-SD			7.6	1.3	9.9														0.75		6.3	3.3	66
1	1 t	EQM010SD-SD			7.1	1.2	9.2														1.5		10.5	5.5	75

- 1) Although different voltages are shown, motors are **NOT** re-connectable and voltage can **NOT** be changed due to electrical components being voltage specific.
- 2) Speeds are adjustable between low and high speed
- 3) Flange widths smaller than 100mm will have a minimum radius of 3500mm.

#### METRIC DIMENSIONS - DUAL SPEED HOIST WITH DUAL SPEED TROLLEY

Capacity		Product Code	Headroom C (mm)	D (mm)	b' (in)	b (mm)	d (mm)	e (mm)	e' (mm)	g (mm)	i (mm)	j (mm)	k (mm)	m (mm)	n (mm)	r (mm)	t (mm)
Mexico/CA (TONS)	South America																
1/8	125kg	EQM001SD-SD	420	515	397	315	220	515	179	27	95	27	130	205	109	51	31
1/4	250kg	EQM003SD-SD															
1/2	500kg	EQM005SD-SD	440														
1	1 t	EQM010SD-SD	490	565						31		22					

GENERAL USE  
EDOC1120, Rev 02  
January 8, 2020



END