

Chevi Group

DECADES OF DEDICATION TO THE NATION



1 year
guarantee

One year guarantee
from the date of installation (or)
18 months from the date of supply,
whichever is earlier.

MORRIS - ELECTRIC CHAIN HOISTS

Frame : Made from MS rolled steel plates & body made from Aluminium.

Chains : Load chains are of Alloy steel Grade 80 to IS6216.

Hooks : Forged hook as per IS :8610

Gears : Special alloy steel case hardened gears (spur & helical type) are enclosed in dustproof gear box.

Load wheel : Made from C45 materials.

Motors : Conical Rotor motor with built-in brake is used in 250kg. From 500kg hoist duty squirrel cage motor with ACEM disc brake is used.

Chain guides : Steel chain guide roller provided.

Hoist Limit switch : Limit switch provided for safe operation.

Pendent Push Button : Provided with control voltage of 24V as standard.

General features

- European style futuristic design.
- Optimized design resulting in a compact and durable Unit.
- Totally dust and moisture protected.
- Torque adjustment, made user friendly.
- The gears are lubricated for life.
- Low head room. Ultra low head room design models are also available
- Modular construction leading to simple maintenance.
- Dual speed for hoisting and CT.
- Electrical motor equipped with Heavy duty brakes for fail proof performance, long life & efficient braking.

'MORRIS' Electric Chain Hoists - Dimensions, Weight and Performance Data

Capacity (Safe Working Lo.	Kgs	250 Kgs	500 Kgs	1000 Kgs	1600 Kgs	2000 Kgs	3200 Kgs
Number of falls	—	1	1	1	1	2	2
Test Load	Kgs	312	625	1250	2000	2500	4000
Hoisting speed	m/min	8 / 2	8 / 2	8 / 2	8 / 2	4 / 1	4 / 1
Hoist Motor Power	KW	0.4 / 0.1	0.85 / 0.21	1.5 / 0.37	2.4 / 0.6	1.5 / 0.37	2.4 / 0.6
Max. Height of Lift	mtr	15	20	10	10	10	10
Cross Travel Speed	m/min	20 / 5	20 / 5	20 / 5	20 / 5	20 / 5	20 / 5
Cross Travel Motor Power	KW	0.4 / 0.3					

Dimensions

A - Fixed Suspension	mm	258	391	575.5	558	575.5	612
A - Push - Pull Trolley	mm	306	432	---	---	---	---
A - Electric Trolley	mm	274	472	598.5	623	598.5	677
B	mm	163	145	234	265	266	305.5
C	mm	153	137	188.5	197	156.5	156.5
D	mm	93	209	319	207	319	207
E - For Push Pull Trolley	mm	50	50	---	---	---	---
E - For Power Trolley	mm	338					

Electric Trolley

Track width Range	mm	75 - 150	75 - 150	100-180	100-180	100-180	100-180
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Geared Trolley

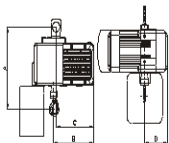
Track width Range	mm	75 - 150	75 - 150	---	---	---	---
Minimum clear depth of track	mm	125	125	200	200	200	200

Weight of 3M lift (Approx)

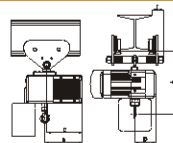
Hoist - Fixed suspension	Kg	21.62	30.60	60	110	66	121
Hoist with Push Pull Trolley	Kg	27.82	37.10	---	---	---	---
Hoist with Power Trolley	Kg	50.12	60.20	64	100	106	161

Our Engineering Department continuously works on design improvements and hence, we reserve the right of effecting any change without notice.

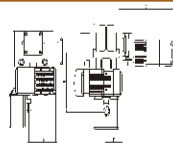
Hoist - 250 with Fixed Suspension



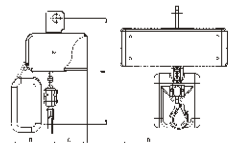
Hoist - 250 with Push Pull Trolley



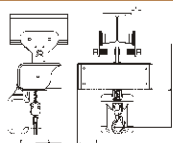
Hoist - 250 with Power Trolley



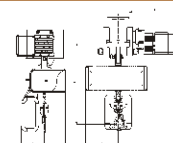
Hoist - 500 with Fixed Suspension



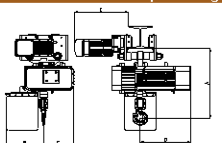
Hoist - 500 with Push Pull Trolley



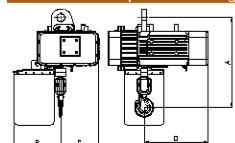
Hoist - 500 with Power Trolley



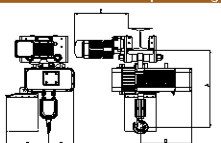
Hoist with Power Trolley - 1000Kg



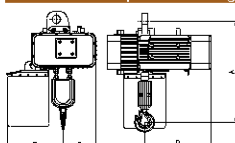
Hoist with Fixed Suspension - 1000Kg



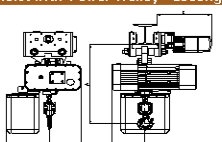
Hoist with Power Trolley - 2000Kg



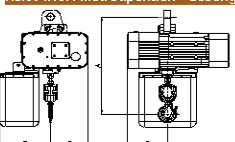
Hoist with Fixed Suspension - 2000Kg



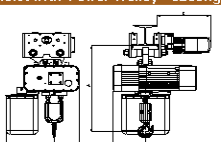
Hoist with Power Trolley - 1600Kg



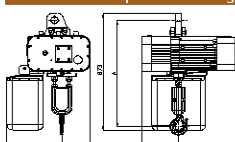
Hoist with Fixed Suspension - 1600Kg



Hoist with Power Trolley - 3200Kg



Hoist with Fixed Suspension - 3200Kg



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The name that
carries weight
 in more ways than one