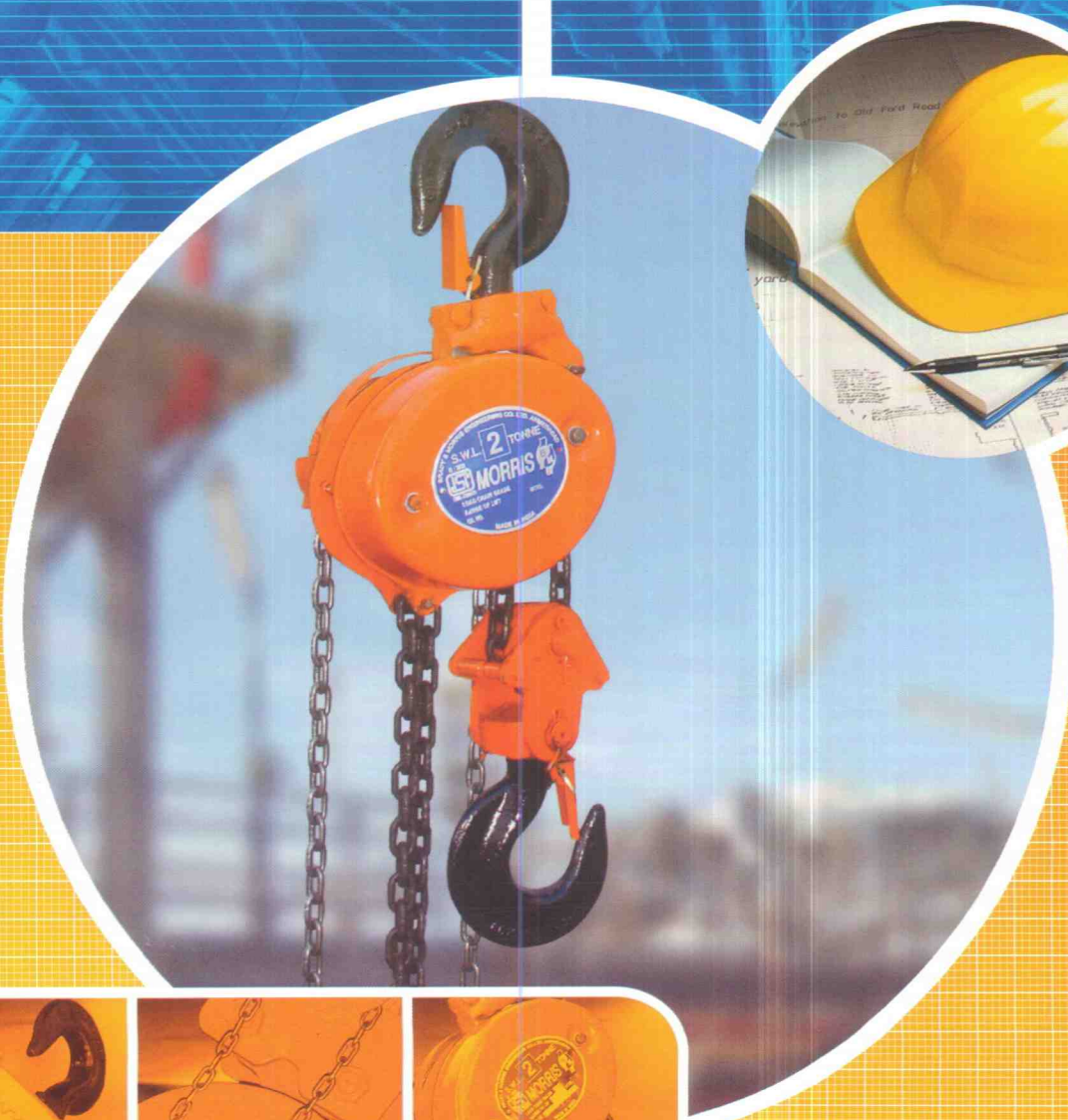




BRADYS



DECADES OF DEDICATION TO THE NATION



MORRIS - 'RS' CHAIN PULLEY BLOCK

'MORRIS' RS Series Balanced Spur Gear Hand Chain Hoists are offered in ten capacities in the range from 0.5 Tonne to 20 Tonne.

Hook suspension is available for all capacities and all hook suspension hoists can be hung into Morris push or hand geared Traveling Trolleys.

Built-in or close-lift units built into hand geared trolleys are offered from 0.5 to 20 Tonne capacities.

FRAME :

Made from MS Rolled Steel Plates.
A detachable cover totally encloses the gears.

CHAINS :

Load chains are of Alloy Steel Grade 80 to IS: 6216.
For 0.5 Te is of Higher Tensile Steel Grade 40 to IS: 3109 (Part II).

HOOKS :

Forged hook as per IS: 8610

GEARS :

Heat-treated alloy steel pinions and case hardened spur wheels.

LOAD WHEEL :

Made from Spheroidal Graphite Iron.

BEARINGS :

Load spur wheel mounted on Ball Bearings.

BRAKE :

The brake is of automatic screw and discs type.

CHAIN GUIDES :

Steel chain guide roller provided

HAND CHAIN WHEEL :

Made from Cast Iron FG 200/220 to IS: 210.

SPARES :

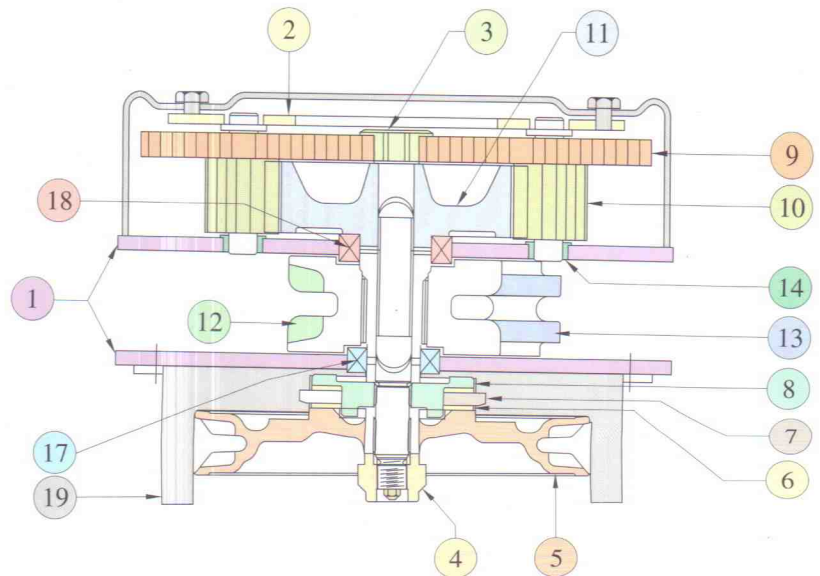
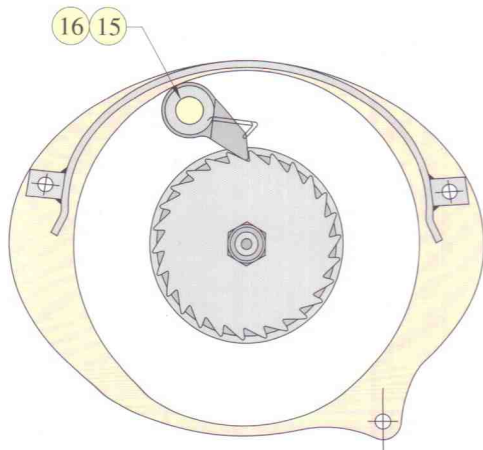
Easy inter-changeable spare available ex-stock.

LUBRICATION :

Totally enclosed gear case is packed with sufficient grease.

EACH CHAIN PULLEY BLOCK IS SUBJECTED TO 50% OVERLOAD.

● Also available higher capacity Chain Pully Block(25 Tonne to 40 Tonne)



- ① HOUSING ② TOP PLATE ③ DRIVING PINION ④ CASTLE NUT WITH WASHER ⑤ HAND CHAIN WHEEL
- ⑥ FRICTION WASHER ⑦ RATCHET WHEEL ⑧ DISC HUB ⑨ INTER SPUR WHEEL ⑩ INTERMEDIATE PINION
- ⑪ LOAD SPUR WHEEL ⑫ LOAD CHAIN WHEEL ⑬ GUIDE ROLLER WITH ROLLER PIN ⑭ CS BUSH
- ⑮ RATCHET PAWL (WITH BUSH) ⑯ PAWL SPRING ⑰ BEARING ⑱ BEARING ⑲ HAND CHAIN GUARD



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

'MORRIS' RS Chain Pulley Block - Dimensions, weights and performance data"

Capacity (Safe Working load)	Tonnes	0.5	1.0	2.0	3.0	5.0	10.0	15.0	20.0
Number of Falls of load chain		1	1	2	1	2	3	6	8
Load chain Dia	mm	6.5	6.3	6.3	10.0	10.0	12.0	12.0	12.0
Load chain Grade	---	40	80	80	80	80	80	80	80
Test Load	Tonnes	0.75	1.50	3.00	4.50	7.50	15.00	22.50	30.00

Dimensions

A Hook suspension	mm	360	360	540	560	720	1000	1430	1675
Hung in Trolley	mm	465	465	670	695	875	1235	1830	2200
Built-in Type (Close-lift)	mm	415	415	510	575	700	1000	1165	---
B	mm	210	210	240	330	380	610	1175	1370
C	mm	162	162	162	213	213	254	292	330

Hung in Trolley

Track width Range-I	mm	75-125	75-125	80-140	80-150	100-150	140-210	140-210	140-210
Track width Range-II	mm	140-180	140-180	150-210	180-210	180-210	---	---	---
Minimum clear depth of track	mm	125	125	150	150	200	300	300	450

Built-in Units

Track width Range-I	mm	75-125	75-125	80-140	80-150	100-150	140-210	140-210	---
Track width Range-II	mm	140-180	140-180	150-210	180-210	180-210	---	---	---
Minimum clear depth of track	mm	125	125	150	150	200	300	300	---
Minimum radius of track curve	m	1.5	1.5	2.0	2.0	2.5	3.5	3.8	4.0

Weight

Hook suspension unit for 3M clear lift	kg	16.5	16.5	22	43	68	160	820	940
Additional weight for extra mtr lift	kg	1.8	1.8	2.5	3.5	5.5	12	24	30
Geared Trolley with chain for standard 3M clear lift	kg	23	23	37	42	85	240	467	552

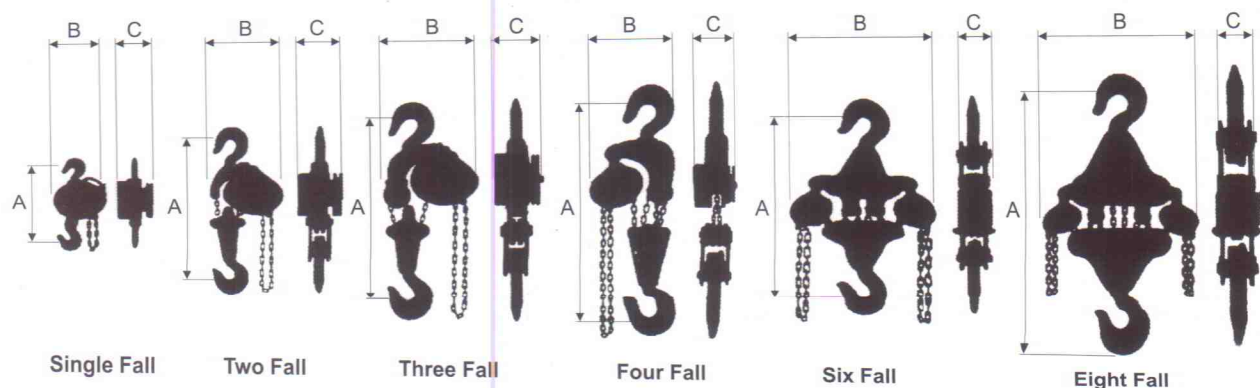
Effort

On hand chain to raise SWL	kg	15	27	32	45	42	80	2 x 70	2 x 80
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Velocity Ratio

Movement of hand chain to load chain		52	52	104	94	188	186	372	500
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Our Engineering Department continuously works on design improvements and hence, we reserve the right of effecting any change without notice.



'MORRIS' Travelling Trolleys have low headroom and are designed & manufactured for efficient transportation of loads

FRAME : Made from MS Rolled Steel Plates.

TROLLEY ADJUSTMENT : Side plates can be easily adjusted for different beam sizes by re-locating the spacers.

WHEELS : Made from Cast Iron FG 200/220 to IS: 210. Deep & wide flanges prevent the wheels from climbing the track. Each wheel is mounted on two anti friction ball bearings for smooth, easy rolling and better stability.

OTHER FEATURES : Trolleys can negotiate small radius of curvature & this feature makes it possible to install trolley for efficient transportation of loads in areas of limited space.

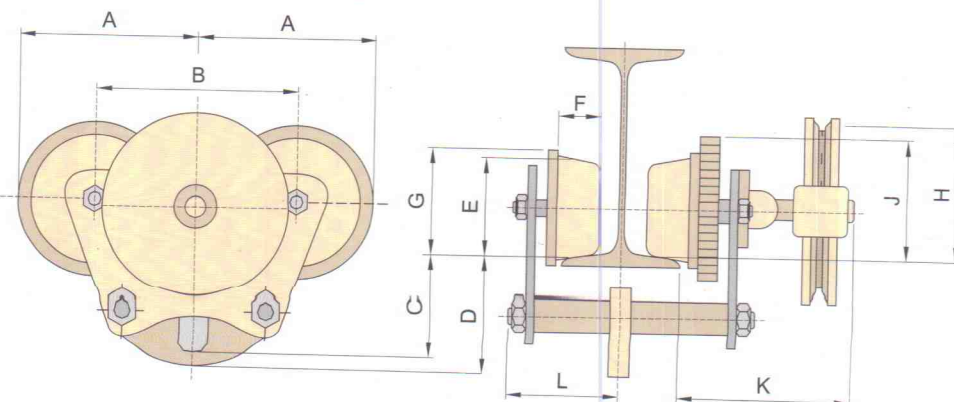
One year guarantee from the date of installation (or) 18 months from the date of supply, whichever is earlier.

1 year
guarantee

Capacity (Safe Working load)		Tonnes	1.0	2.0	3.0	5.0	7.5	10.0
Test load		Tonnes	1.50	3.00	4.50	7.50	11.25	15.00
Track Width	Range-I	mm	75-125	80-140	80-150	100-150	140-210	140-210
	Range-II	mm	140-180	150-210	180-210	180-210	--	--
Minimum clear depth of track		mm	125	150	150	200	300	300
Minimum radius of track curve		m	1.5	2.0	2.0	2.5	3.5	3.5
Major Dimensions	C	mm	104	130	135	155	233	233
	D	mm	124	160	165	190	335	335
	E	mm	63	100	100	120	180	180
	F	mm	27	29	29	40	49	49
	L Range-I	mm	107	120	137	166	190	190
	L Range-II	mm	134	155	167	196	--	--
Geared Trolley	A	mm	125	181	181	207	280	280
	B	mm	136	201	201	234	308	308
	H	mm	114	133	133	161	363	363
	J	mm	89	130	130	150	216	216
	K	mm	140	160	160	197	235	235
Ungeared Trolley	A	mm	118	164	164	192	530	530
	B	mm	136	201	201	234	308	308
Weight (approx) for 3m clear lift		kg	23	37	42	81	214	220
Effort on hand chain to raise SWL		kg	9	14	16	26	34	36
Displacement achieved by 30M of hand chain		m	4.4	7.8	6.2	6.8	6.7	6.0

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

GEARED TRAVELLING TROLLEY



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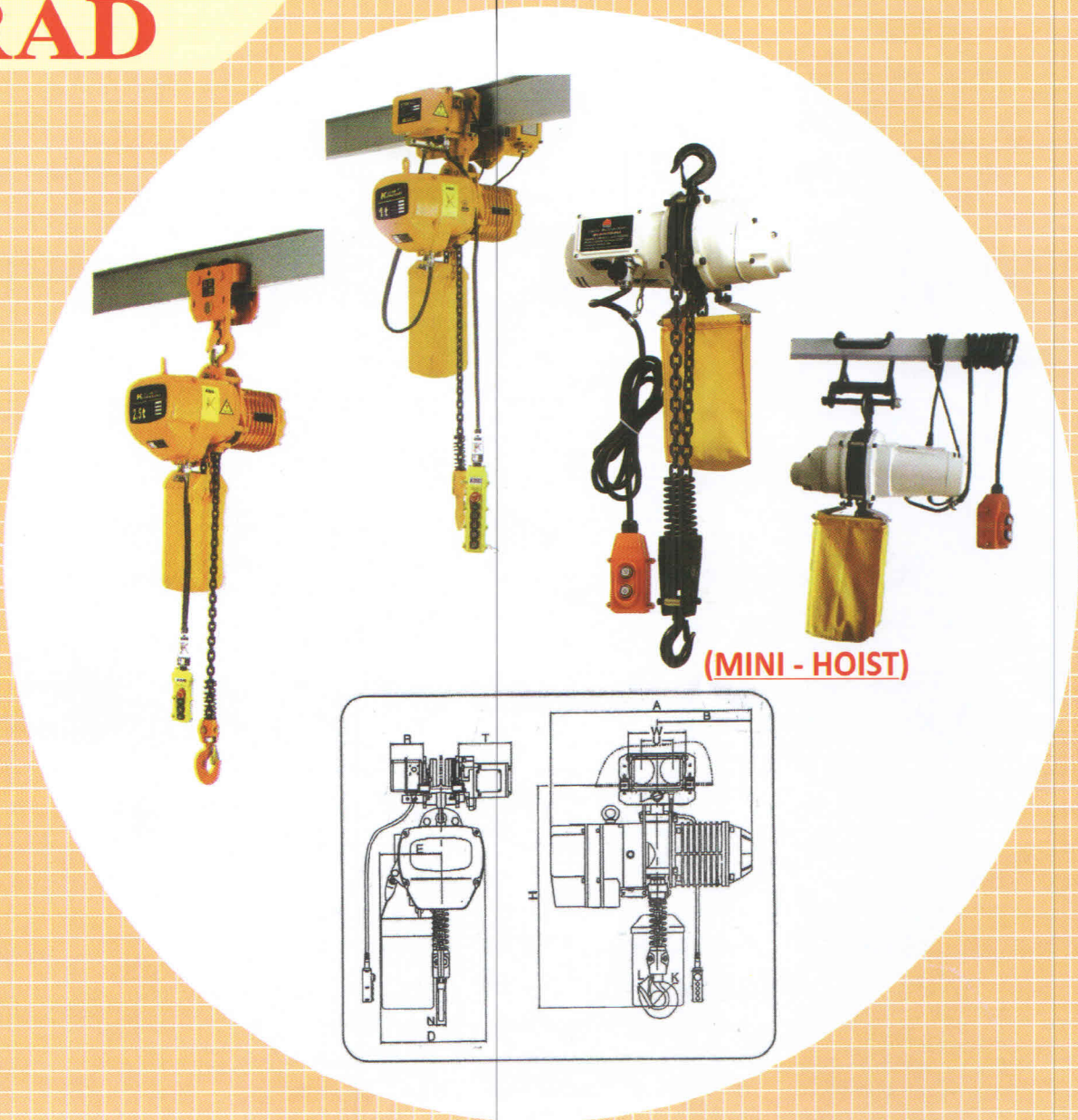
The name that
carries weight
in more ways than one

W. H. Brady & Co. Ltd.



ELECTRIC CHAIN HOIST

BRAD



BRAD - ELECTRIC CHAIN HOIST
www.bradys.in / www.bradymorris.in

- Range from 250 Kg to 5 T
- Modular standard design with ex-stock availability
- Easy to maintain.
- Warranty 12 months.
- Available with Power Trolley, Hook Suspension.
- light weight and small volume equipment useful for materials, lifting installation of equipments, mines, engineering construction, building construction sites, warehouse, machinery installation, lifting cargos, loading and unloading vehicles, for monorail transportation, electric single-spar bridge cranes and cantilever cranes and Labour saving equipment and improves the efficiency.

1. BRAD ELECTRIC CHAIN HOIST - HOOK SUSPENSION TYPE

CAPACITY	TONNE	0.5	1.0	2.0	3.0	5.0
CHAIN DIA METER	MM	6.3 mm / Gr. 80	7.1mm / Gr. 80	10 mm / Gr. 80	11.2 mm / Gr. 80	11.2 mm / Gr. 80
LIFTING SPEED	(m/min)	7.2	6.8	6.6	5.6	2.8
MOTOR POWER	KW	1.1KW	1.5KW	3.0KW	3.0KW	3.0KW
POWER SUPPLY	V	415, 3PH, 50Hz	415V, 3PH, 50Hz	415V,3PH,50Hz	415V,3PH,50Hz	415V, 3PH, 50Hz
E D RATING	%	40	40	40	40	40
CHAIN FALL NO.		1	1	1	1	2

2. BRAD ELECTRIC CHAIN HOIST - WITH POWER TROLLEY

CAPACITY	TONNE	0.5	1.0	2.0	3.0	5.0
CHAIN DIA METER	MM	6.3 mm / Gr 80	7.1 mm / Gr80	10 mm / Gr 80	11.2 mm / Gr 80	11.2 mm / Gr 80
LIFTING SPEED	(m/min)	7.2	6.8	6.6	5.6	2.8
POWER SUPPLY	V	415V, 3PH,50Hz	415V, 3PH,50Hz	415V,3PH,50Hz	415V,3PH,50Hz	415V,3PH,50Hz
MOVING SPEED	(m/min)	21	21	21	11	11
ED RATING	%	40	40	40	40	40
CHAIN FALL NO.		1.	1	1	1	2

3. BRAD MINI ELECTRIC CHAIN HOIST - HOOK SUSPENSION TYPE

CAPACITY	KG	250	500	1000
CHAIN DIA METER	MM	6.3MM	6.3MM	6.3 MM
LIFTING SPEED	(m/min)	12	6	3
MOTOR POWER	KW	1.1	1.2	1.3
POWER SUPPLY	V	220V, 50/60Hz	220V, 50/60Hz	220V, 50/60Hz
CHAIN FALL NO.		1	1	2



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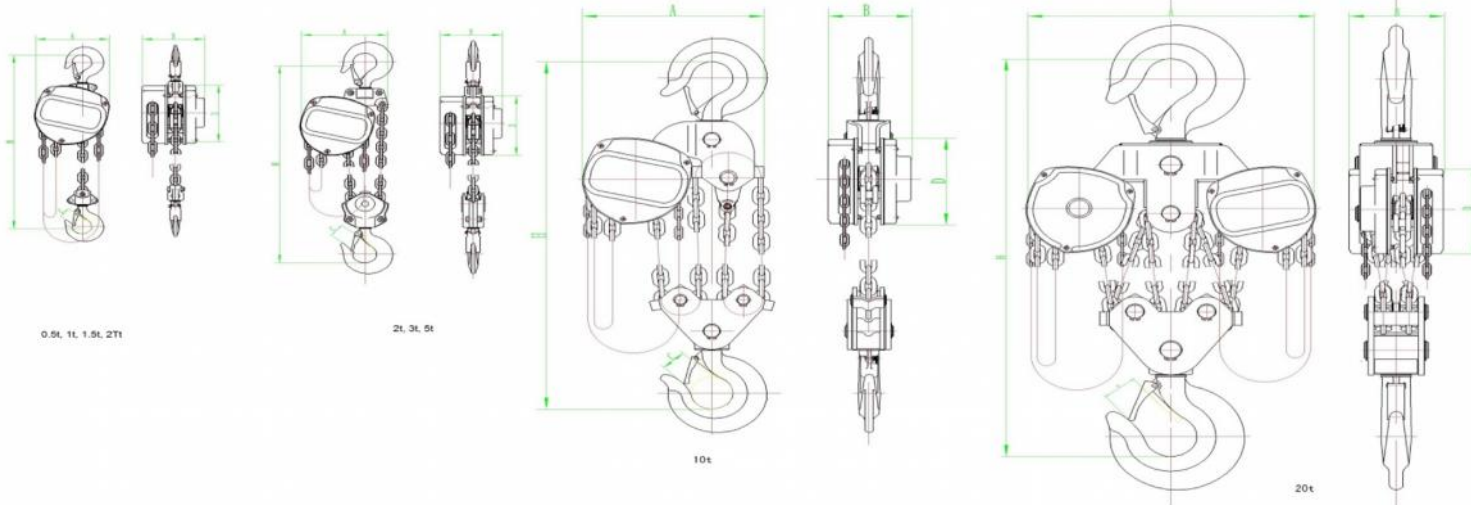
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• www.bradys.in



Morris NX- Model Chain Pulley Block -Technical Data



Model		NX-0.5	NX-1	NX-2	NX-3	NX-5	NX-7.5	NX-10
Capacity	ton	0.5	1	2	3	5	7.5	10
Lift Height	m	3	3	3	3	3	3	3
Headroom Between The Hook	mm	280	300	380	470	600	730	730
Effort	kg	16.5	33	35	41	48.5	49	49
No.Of Fall		1	1	2	2	2	4	4
Dia. Of Load chain	mm	6	6	6	8	10	10	10
Dimension - A	mm	147	147	147	183	215	365	365
Dimension - B	mm	126	126	126	141	163	163	163
Dimension - C	mm	24	28	34	38	41	50	50
Dimension - D	mm	155	155	155	192	228	228	228
Net Weight	kg	10.5	11	14.5	24	36	69	69
Extra Weight Per Extra 1m Lift.	kg	1.7	1.7	2.5	3.7	5.3	9.7	9.7



DECADES OF DEDICATION TO THE NATION



MORRIS / BRAD - EOT / HOT CRANES



Brady & Morris Engg. Co. Ltd. is the leader in the field of EOT cranes, HOT cranes and Electric hoists. This leadership is gained over a period of time with our commitment to deliver Quality products, backed by a strong country wide service network, supported by a team of innovative R&D Engineers and driven by professional Management.

At Brady , each crane is carefully crafted with the help of modern crane design practices backed by sound engineering experience. The ultimate result is a finely engineered product meeting the exact requirements of the clients.

At Brady, innovation is a way of life. No matter, what the special or stringent specifications the application demands, our Engineers always rise up to the challenges and deliver the goods with the help of cutting edge technology.

This technical excellence is constantly upgraded by continuously upgrading our production and testing facilities to deliver the best possible products at most competitive prices.



RANGE OF CRANES OFFERED

MORRIS/ BRAD Model EOT Cranes up to 100 tons.

(Both Single Girder and Double Girder)

Under Slung Single/Double Girder cranes up to 20 tons.

Semi Goliath/Goliath Cranes

Single/Double Girder types,
Electric/Manual types

up to 100 tons.

Jib cranes

Wall mounted/Column mounted,
with manual/Electric hoist

up to 5 tons capacity and Jib arm length **up to 7 meters.**

HOT cranes

Single/Double girder,

up to 70 tons capacity.



SALIENT FEATURES OF OUR EOT CRANES

Morris / Brad EOT cranes are manufactured conforming to the latest IS standards for Electric Over head Travelling cranes, ie. IS:3177 (latest revision).

GIRDER designs are perfected using the latest advanced AutoCad design software backed by the long experience and expertise. The Girders are carefully fabricated using fresh tested steel plates to IS:2062 Gr. A or B obtained directly from the Main Steel producers, cut to size using the latest CNC profile cutting machines and welded using modern welding practices. All welds in tension are subjected to radiography to ensure defect free welds.

HOISTING mechanism comprises of our standard Morris /Brad wire rope / chain hoist for Single Girder cranes and specially made Crab units for the Double girder cranes. The hoisting mechanism is finely engineered for smooth, jerk free lifting of loads. Hoist drives are generally Crane duty Squirrel cage or Slip ring motors, selected according to the class of duty, driving the rope drum through helical gearboxes. The Rope drums are made out of seamless pipes fabricated from plates tested as per ASTM / IS standards.

GEAR BOXES are of our own make, generally with helical gears, oil lubricated, manufactured using the latest Gear cutting machines, duly heat treated to withstand stringent load conditions. The gearboxes are selected according to the class of duty commensurate with the type of application.

END CARRIAGES with standard wheel bases are fabricated using the latest welding and machining techniques to ensure a jerk free and smooth travel motion The wheels are double flanged, supported on self-aligning Anti-friction bearings. Buffers are provided at the ends of the carriages as per the IS standards.

BRAKES for all the drives are generally AC Electro-hydraulic Thrustor brakes or Electro-magnetic Shoe/disc type brakes according to the application or client requirements.

HOOKS are of either shank or Ramshorn type supported on anti-friction thrust bearings and the sheave pulleys are made of malleable cast iron or fabricated , conforming to IS 3815.

CONTROLS : The cranes can be controlled either by pendant/cabin/radio remote or combination of any of these. The main electrical components are housed in a Sheet steel enclosure conveniently located for easy maintainance. Standard protection devices includes, overload protection, Short circuit protection etc.

SPECIAL FEATURES : In tune with the exact application needs or the latest crane technology, MORRIS /BRAD cranes can be offered with the following optional special features;

- Variable speed VVVF drives for hoist, LT and CT.
- Creep speed for hoist, LT and CT.
- DC brakes.
- Higher class of duties like class III / IV (M7/M8)
- Anti- collision devices.
- Low Head room cranes.
- Flameproof type cranes for Explosive atmosphere.
- Grabbing cranes.
- Radio remote controls.
- Alarms and warning lights.

TESTING

All Morris/Brad cranes are tested as per the standard Quality plan including the proof load and overload tests at 125% of rated load as per the relevant IS standards.



HOT CRANES

- Single /Double girder design.
- Load capacity up to 70 tons.
- Single / Multi operator controlled.
- Wide range of span and lifts as per clients' requirements.
- All components including chain pulley blocks are manufactured in house' using the latest design and manufacturing processes.
- Meticulous Quality control procedures including Load testing carried out to ensure high quality product meeting the exact requirements of the clients.

GOLIATH / GANTRY CRANES

- Semi Gantry /Gantry models offered in wide ranges.
- Single / Double girder designs.
- Load Capacities up to 70 tons.
- Wide range of span and lifts as per clients' requirements.
- Cantilever extension type models also offered.
- Combination of Manual /Electric drives for hoist/LT/CT.
- Special models like Flameproof type, Variable speed VVVF drives, special brakes etc. can be offered on request.

JIB CRANES

- Wall mounted / Column mounted models.
- Load capacity up to 5 tons.
- Wide range of span and lifts.
- Maximum jib arm length up to 7 metres.
- Fixed / Swivelling type models.
- Manual /Electric operated in hoisting/CT/Swivel.
- Special Adjustable height Jib crane with manual/motorized vertical movement of jib arm for specific applications like loading of Multi-tier closed trucks.

OTHER SPECIAL TYPE OF CRANES

- With our strong technical background and experience, we can offer other special types of cranes and lifting equipments, custom built to meet clients' requirements.
- Some of the special cranes/ lifting equipments supplied by us are;
- Grabbing cranes with four/two rope type grab attachments.
- Heavy duty, 24 hours outdoor operated cane unloader for sugar mills.
- Wharf cranes.
- Electrical/ Manual Winches.
- Rope drum hoists for canal gate lifting.
- Goods lift / Cage lift for all Industries.....etc.

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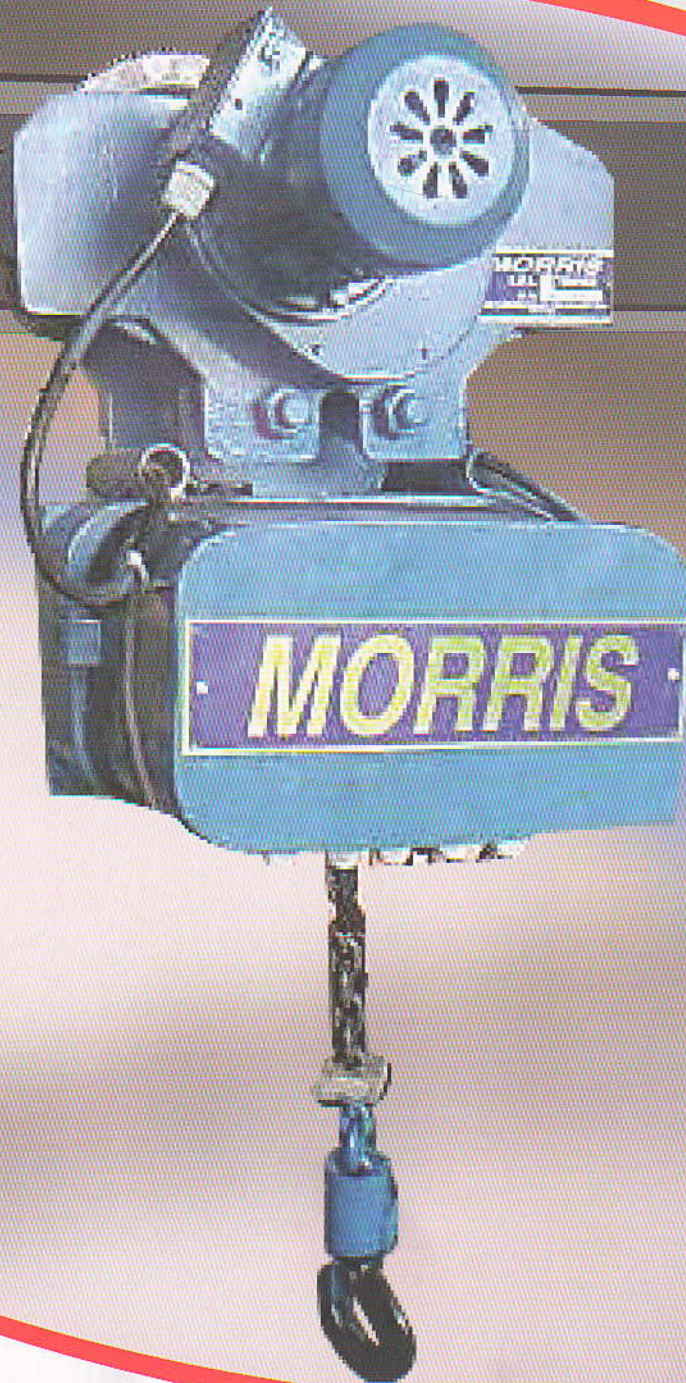
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The name that
carries weight
 in more ways than one



BRADY & MORRIS ENGINEERING CO. LTD.
MORRIS - ELECTRIC CHAIN HOISTS



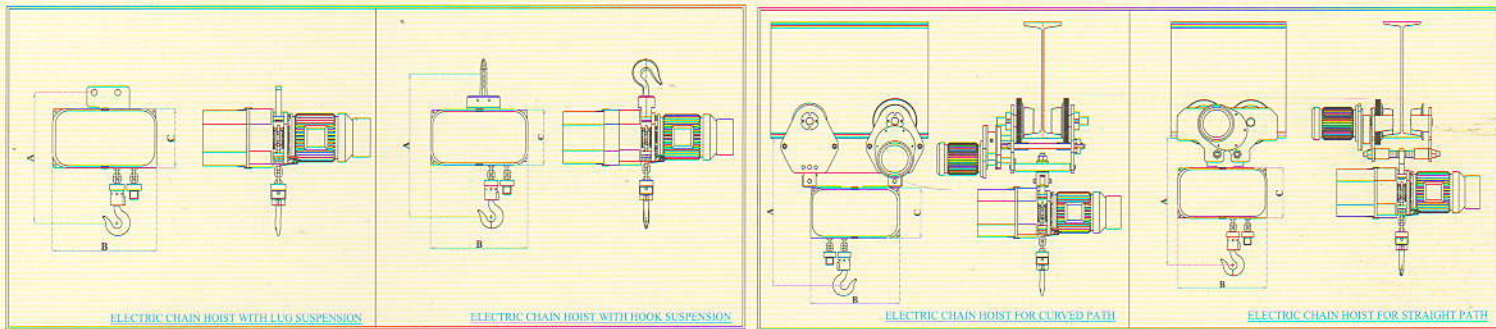
DECADES OF DEDICATION TO THE NATION
www.brady.in | www.bradmorris.in

Features of Standard Electric Chain Hoist

- Range from 250Kgs to 10T
- Modular standard design with ex-stock availability
- Easy to maintain
- Exported all over the world
- Customized speeds and dual speed available
- Warranty of 12 months
- Available with Power Trolley, Boogie Trolley, Hook Suspension, Lug Suspension, Geared Trolley and Push-Pull Trolley
- Approved by MNDastur, MECON, Tata Consultancy, CET, NMDC, Delhi Jal Board, Engineering India Ltd., DCPL, L&T, SAIL, CIDC and other Govt. and Private entities
- Used across industries such as Power, Steel, Paper, Sugar, Chemical, Oil & Gas, Manufacturing, Automobile and Cement

ACHIEVEMENTS

- Synchronization system for multi-hoist usage
- Rate Contracts with various companies across industries
- Exported to Africa, South East Asia, South Asia and the Middle East



MORRIS ELECTRIC CHAIN HOIST TECHNICAL SPECIFICATION						
DETAIL	CAPACITY	0.5T	1.0T	2.0T	3.0T	5.0T
HOIST	NO. OF FALLS OF LOAD CHAIN	1	1	2	1	2
	HOIST SPEED (M / MIN)	4	4	4	4	3
	HOIST MOTOR (HP / POLE)	0.75/4	1.5/4	3.0/4	5.0/4	5.0/6
	POWER SUPPLY	415V, 3PH, 50HZ	415V, 3PH, 50HZ	415V, 3PH, 50HZ	415V, 3PH, 50HZ	415V, 3PH, 50HZ
	(Suitable Track Width)	RANGE - I 75-125	75-125	80-140	80-140	100-150
		RANGE - II 140-180	140-180	150-210	150-210	180-210
	LOAD CHAIN (MM)	Ø8, GRADE 80	Ø8, GRADE 80	Ø8, GRADE 80	Ø12, GRADE 80	Ø12, GRADE 80
TROLLEY GEARED POWER	TROLLEY SPEED (M / MIN)	18	18	18	18	12
	TROLLEY MOTOR (HP / POLE)	0.25/4	0.25/4	0.25/4	0.5/4	0.5/6
	DIA. OF THE HAND CHAIN	Ø5, GRADE 30	Ø5, GRADE 30	Ø5, GRADE 30	Ø5, GRADE 30	Ø6, GRADE 30
HEADROOM (A) in MM	LUG SUSPENSION	600	600	750	1000	1050
	HOOK SUSPENSION	730	730	800	1000	1100
	GEARED TROLLEY (LUG SUS.)	550	550	800	850	1200
	GEARED TROLLEY (HOOK SUS.)	600	600	900	950	1400
	POWER TROLLEY (LUG SUS.)	550	550	800	850	1200
	POWER TROLLEY (HOOK SUS.)	650	650	900	950	1400
	BOGIE TROLLEY (LUG SUS.)	650	650	850	900	1150
	BOGIE TROLLEY (HOOK SUS.)	800	800	1000	1200	1500
	B	330	330	340	460	540
	C	175	175	190	285	310
WEIGHT	TOTAL WEIGHT OF THE HOIST (LUG/HOOK SUSPENSION) (KG.)	60	60	70	120	200
	TOTAL WEIGHT OF THE HOIST (GEARED TROLLEY) (KG.)	80	80	92	150	250
	TOTAL WEIGHT OF THE HOIST (POWER & BOGIE TROLLEY) (KG.)	100	100	150	270	400
	WEIGHT PER EXTRA MTR. LIFT. (KG.)	5	5	10	20	30
MOTOR MAKE : MORRIS						
PANEL : INBUILT WITH ECH						
HOOK MAKE : CP FORGE, SARVODAYA, KARAN						
BRAKE : ACEM DISC (FOR HOIST ONLY) (MAKE : SYTCO / GMAC)						
LIMIT SWITCH : ROTARY GEARED TYPE (MAKE : MORRIS)						
FINISH PAINT : HAMMERTONE BLUE						
THIS DATA ARE VALID UPTO 20.0MTR. LIFT						
CHAIN COLLECTOR BAG TO BE PROVIDED ON REQUEST WITH EXTRA COST.						

Brady & Morris Engineering Co. Ltd.

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DECADES OF DEDICATION TO THE NATION



MORRIS - ELECTRIC WIRE ROPE HOISTS



'MORRIS' Rope Master Electric Hoists
are designed as per requirements of IS: 3938
for heavy duty operations
and repetitive use under most severe
operating conditions.

OPTIONAL FEATURES:

- a. Trolley suitable for negotiating curved beams.
- b. Different hoisting & cross travel speeds.
- c. Different height of lifts.
- d. Creep speed arrangements.
- e. Foot mounted motor with shoe type brake for hoist.
- f. CT Brake and limit switch.
- g. Festoon cable arrangement.

FRAME:

Made from MS Rolled Steel Plates.

ROPE DRUM:

Made from seamless steel pipe with spiral grooves on working surface.

ROPE GUIDE:

Made from Spheroidal Graphite Iron, ensures smooth winding of wire rope.

WIRE ROPE:

As per IS: 2266 of reputed make, suitable construction and with ample factor of safety.

HOOK:

Made of forged steel as per IS: 3815, supported on thrust bearing.

SQUIRREL CAGE INDUCTION MOTORS:

Conforms to IS: 325, totally enclosed surface cooled, hoist duty type, operating at 415V, 3 Phase, AC Supply.

HOIST GEAR BOX:

First stage & high speed gears are of helical type and subsequent stage gears are of spur type.

BEARINGS:

Deep groove ball bearings of reputed make are used on all rotating parts and are grease packed.

HOIST BRAKE:

ACEM Disc type brake provided for easy maintenance-mounted on the rear end of the motor.

HOIST LIMIT SWITCH:

Normal roller type limit switch provided for both over hoisting & over lowering.

PENDANT PUSH BUTTON:

Provided with control voltage of 24V as standard.

TROLLEY ADJUSTMENT:

Side plates can be easily adjusted for different beam sizes by re-locating the spacers.

HOIST MOUNTINGS:

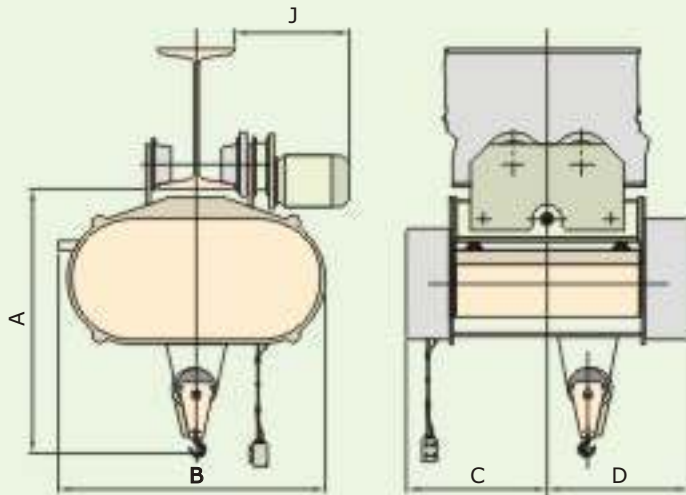
Hoist can be supplied with fixed suspension bracket / push-pull trolley (up to 2Te capacity) / geared trolley / power trolley.

CONTROL PANEL:

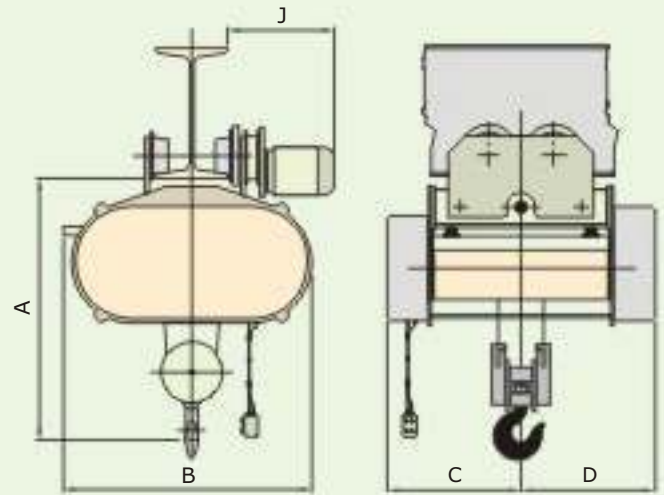
Provided with HRC Fuses, Overload Relays & Contactors.



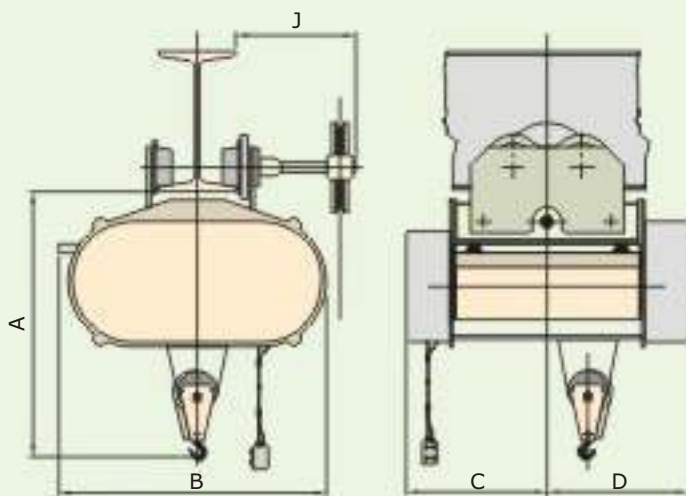
One year guarantee from the date of installation
(or) 18 months from the date of supply, whichever is earlier.



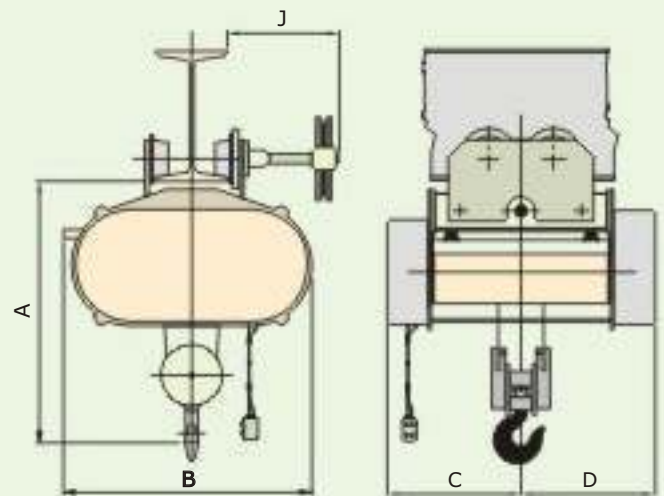
2 FALL ARRANGEMENT WITH POWER TROLLEY



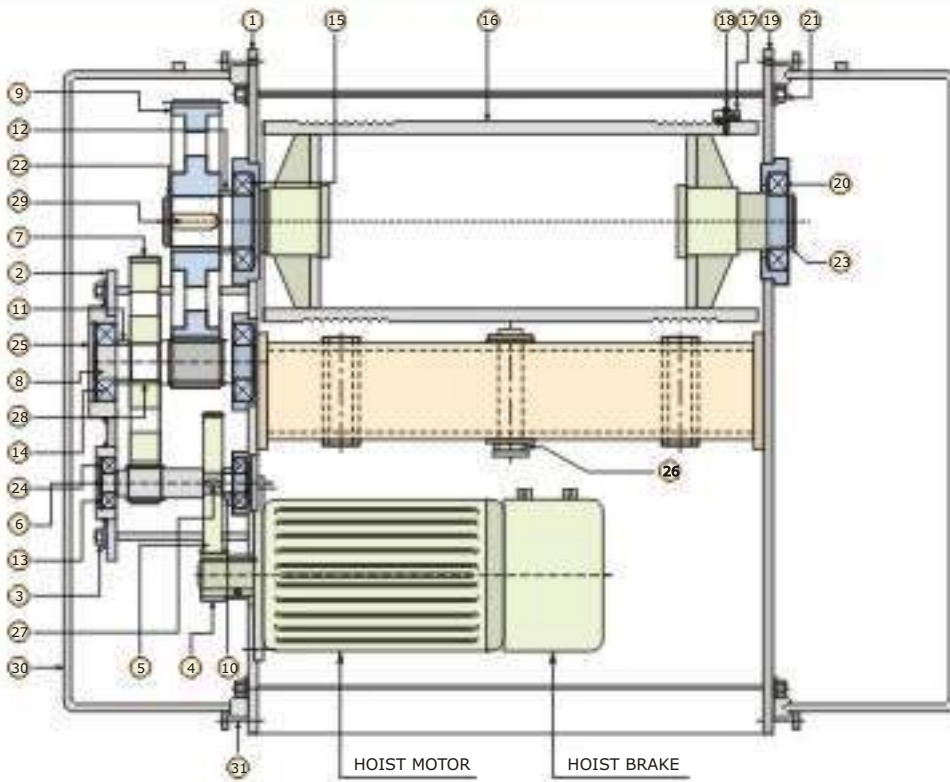
4 FALL ARRANGEMENT WITH POWER TROLLEY



2 FALL ARRANGEMENT WITH GEARED TROLLEY



4 FALL ARRANGEMENT WITH GEARED TROLLEY



- 1 Geared Side Plate
- 2 Outer Plate
- 3 Stud with Hex Nut, Lock Nut & Plain Washer
- 4 Motor Pinion
- 5 I Stage Gear
- 6 II Stage Pinion
- 7 II Stage Gear
- 8 III Stage Pinion
- 9 Drum Gear
- 10 Spacer (For II Stage Pinion)
- 11 Spacer (For III Stage Pinion)
- 12 Spacer (For Drum Shaft)
- 13 Bearing
- 14 Bearing
- 15 Bearing
- 16 Rope Drum
- 17 Rope Clamp
- 18 High Tensile Alien Key Bolt with Spring Washer
- 19 Contactor Side Plate
- 20 Bearing
- 21 Tie Rod with Hex Nut, Lock Nut & Plain Washer
- 22 External Circlip
- 23 External Circlip
- 24 Internal Circlip
- 25 Internal Circlip
- 26 Wire Rope
- 27 Key (For II Stage Pinion)
- 28 Key (For III Stage Pinion)
- 29 Key (For Drum Shaft)
- 30 Gear Box Cover
- 31 Rubber Gasket

'MORRIS' Rope Master Electric Hoists - Dimensions, weights and performance data

Capacity (Safe Working load)	Tonnes	0.5	0.5	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	3.0	3.0	5.0	5.0	
Number of falls	---	2	4	2	2	4	4	2	2	4	4	2	4	2	4	
Wire Rope Dia	mm	6.0	4.0	8.0	8.0	6.0	6.0	10.0	10.0	8.0	8.0	12.0	10.0	16.0	11.0	
Wire Rope Construction	---	18 x 7	6 x 19	18 x 7	18 x 7	6 x 36	6 x 36	18 x 7	18 x 7	6 x 36	6 x 36	18 x 7	6 x 36	18 x 7	6 x 36	
Test load	Tonnes	0.625	0.625	1.25	1.25	1.25	1.25	2.50	2.50	2.50	2.50	3.75	3.75	6.25	6.25	
Clear Lift	m	10.0	16.0	9.0	12.0	4.0	6.0	9.0	12.0	4.0	6.0	12.0	6.0	12.0	6.0	
Hoisting Speed	m/min	5.00	5.00	2.50	5.00	2.50	5.00	2.50	5.00	2.50	5.00	6.00	6.00	3.25	3.25	
Hoist Motor Power	hp	0.75	0.75	0.75	1.50	0.75	1.50	1.50	3.00	1.50	3.00	5.00	5.00	5.00	5.00	
Cross Travel Speed	m/min	15.00	15.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	15.00	15.00	
Cross Travel Motor Power	hp	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.50	0.50	0.50	0.50	
Dimensions																
A - For Power/Geared Trolley	mm	690	690	700	700	700	700	800	800	800	800	850	850	1000	950	
A - For Push-Pull Trolley	mm	680	680	700	700	700	700	800	800	800	800	850	850	1000	950	
A - For Fixed Mounting	mm	690	690	700	700	700	700	800	800	800	800	850	850	1000	950	
B	mm	540	540	750	750	750	750	750	750	750	750	825	825	930	930	
C	mm	395	395	400	455	400	455	450	505	450	505	515	515	540	540	
D	mm	395	395	400	455	400	455	450	505	450	505	515	515	560	560	
J - For Power Trolley	mm	290	290	330	330	330	330	330	330	330	330	330	330	350	350	
J - For Geared Trolley	mm	425	425	425	425	425	425	425	425	425	425	475	475	525	525	
Power Trolley																
Track width Range - I	mm	80-110	80-110	100-150	100-150	100-150	100-150	100-150	100-150	100-150	100-150	100-150	100-150	100-150	125-150	125-150
Track width Range - II	mm	125-180	125-180	180-210	180-210	180-210	180-210	180-210	180-210	180-210	180-210	180-210	180-210	180-210	180-210	180-210
Minimum clear depth of track	mm	150	150	200	200	200	200	200	200	200	200	200	200	200	250	250
Geared/Push-Pull Trolley																
Track width Range - I	mm	80-110	80-110	100-150	100-150	100-150	100-150	100-150	100-150	100-150	100-150	100-150	100-150	100-150	125-150	125-150
Track width Range - II	mm	125-180	125-180	180-210	180-210	180-210	180-210	180-210	180-210	180-210	180-210	180-210	180-210	180-210	180-210	180-210
Minimum clear depth of track	mm	150	150	200	200	200	200	200	200	200	200	200	200	200	250	250
Weight (Approx)																
Hoist With Power Trolley	Kg	160	160	200	240	200	240	330	360	330	360	425	425	575	575	
Hoist With Geared Trolley	Kg	150	150	195	230	195	230	320	350	320	350	415	415	550	550	
Hoist With Push-Pull Trolley	Kg	140	140	165	200	165	200	300	320	300	320	NOT APPLICABLE				
Hoist With Fixed Suspension	Kg	125	125	160	190	160	190	290	300	290	300	375	375	500	500	

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

The name that
carries weight
in more ways than one