

# ELECTRIC CHAIN HOIST



## DESIGN

- "ABM" Electric Chain Hoist are designed as per IS : 6547 and are suitable for medium / heavy duty applications.

## CONSTRUCTION

- "ABM" Hoist have a unique modular construction which makes them an ideal choice since each sub assembly is easily accessible individually, thus reducing the time and cost involved in the maintenance.

## FRAME

- The Frame is of sturdy design, fabricated from tested steel plates and is welded / bolted type.

## GEAR BOX

- Totally enclosed gear box with gears made from EN-9 / EN-24, steel and teethed on precision Hobbing machines, hardened & Tempered.
- The gears are lubricated with high viscosity grease and need no further lubrication.

## ELECTRIC MOTOR

- 3 Phase, 440 Volt, A.C. 50 Cycles, Squirrel Cage Induction Motor, normally of "SIEMENS" or "NGEF" make is used.

### LOAD CHAIN

- Conforms to IS : 6216 - 1971, Grade 80, tested, calibrated and duly heat treated.

### BRAKE

- Instant action 'Fail to Safe' Electro Magnetic Disc Brakes are incorporated to ensure maximum safety and reliability in Operation.

### UNIT SWITCH

- Snap action limits switches are used to prevent over hoisting and lowering.

### CONTROL PANEL

- Totally enclosed dust and moisture proof panel housing with components of standard makes like 'SIEMENS / L&T, BCH, Telemecanique etc., provides control at low voltage for safety of operation.

### HOOK

- Steel Forge confirming to IS : 8610 - 1977.
- Free to rotate & Swivel.

### TEST

- Each Hoist is tested to 25% Overload with confirmation to IS : 6547 - 1971.

### TECHNICAL DATA

Item Code No.	ABM-MH-6200	ABM-MH-6201	ABM-MH-6202	ABM-MH-6203
<b>CAPACITY IN KG.</b>	500	1000	2000	3000
<b>NO. OF FALL</b>	1	1	2	2
<b>HOISTING SPEED MTR / MIN</b>	5	5	2.5	2
<b>MOTOR (H.P.)</b>	0.75	1.5	1.5	2
<b>DIMENSION IN MM</b>				
<b>A</b>	750	775	780	930
<b>B</b>	250	250	250	300
<b>C</b>	550	570	575	670

All Specifications are subject to change towards improvements without any prior notice.

**Manufactured by ABM Fasteners (India) and Export Marketing by ABM Tools**