



# **MOTORISED ROLLING SHUTTER**

## **SPECIFICATIONS**



## **SPECIFICATION OF MOTORISED ROLLING SHUTTER** **CONCORD DESIGN**

**FABRICATION CURTAIN:** The curtain is built up by interlocking of rolled MS Lath Section of 75mm width, 1mm thick so as to have inter-locking curls at both edges for resisting manual Pressure & normal wind pressure each lath section shall be continuous single piece without any joint.

**GUIDE CHANNEL:** The guide channels shall be of mild steel deep channel section of 75mmx 3mm thick bent to profile.

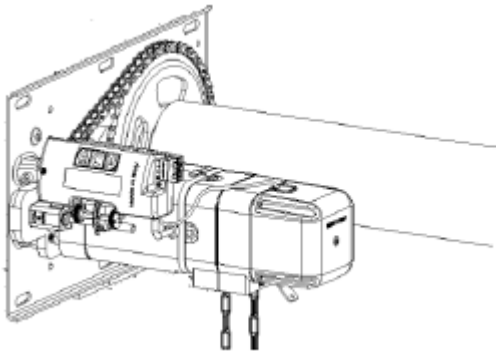
### **BRACKET SET CONSISTS OF THE FOLLOWING:**

MS Frame with Plate, Bearing Housing, Bearings etc.

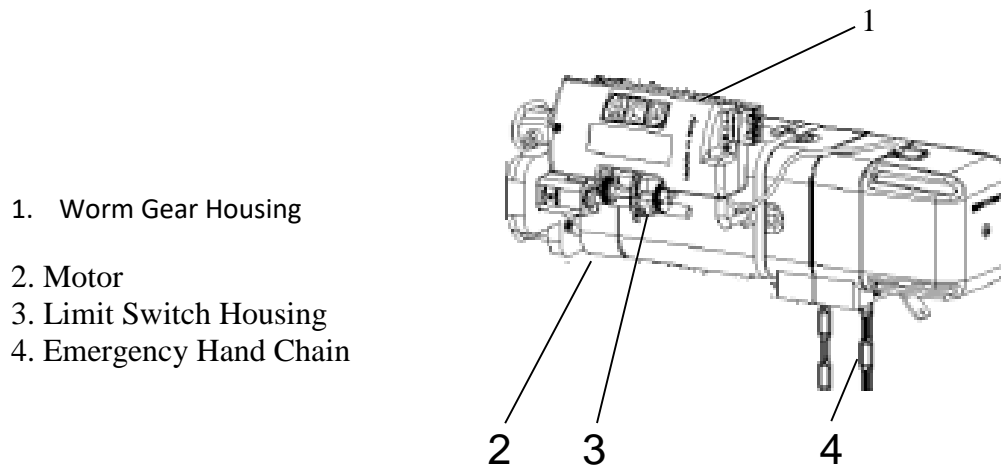
**DRUM ASSEMBLY:** The drum is fabricated with MS Pipe of sufficient diameter and thickness so as to resist deflection due to the weight of the rolling shutter. The whole curtain is balanced, assembled and wraps over the drum. The drum is supported by anti friction bearings at both the ends and is mounted on the two side brackets which are fixed to the wall. One of the brackets has a Motor mounted on it which is directly connected to the drum and drives the drum.

## **GENERAL ARRANGEMENT OF THE ROLLING SHUTTER**

The shutter consists of a Curtain made up of interlocked standard MS lath sections or GI sections or Aluminum sections to the required width and height. The whole curtain is balanced, assembled and wraps around the drum. The drum is supported by anti friction bearings fixed to two side brackets which in turn are fixed to the wall. On one of the brackets the drive Motor is mounted and directly connected to the drum.



## Brief Specifications of Motor



## MOTOR DETAILS

### **Features**

- The Electrical Motor is compact & does not require mounting springs.
- Designed to guarantee long – term reliability.
- Easy to maintain with minimum wear and tear.
- Safety – Thermal motor protection.
- In built limit switches to control upward/downward movement.
- Dead Man type Push Button Switch.
- Chain system to operate manually during power failure.

## TECHNICAL FEATURES OF MOTOR

Motor with Control Unit & Cable	
DESCRIPTION	DETAIL
Origin	European-Italian
Motor Speed (RPM)	4.6
Shutter Speed (m/min)	0.4
Output Torque (N.m)	412
Rated Power (kW)	0.6
Integrated Safety Catch	Yes
Emergency Manual	Chain