This drawing is supplied as a General Layout showing relative positions of main components and Guardian Industrial Doors Ltd accepts no responsibility for accuracy until a Site Survey has been undertaken.

If the End Plates and Barrel are within a False Ceiling or Soffit a Full Width Access Panel is required. (by others)

The Client is responsible for making sure that the structure is capable of withstanding the weight of the shutter and suitable fixing points are available for the End Plate and Guide support channel.

The chart below shows the weight for a shutter with a maximum structural clear opening of 7000mm W x 3750mm H

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barrel</td>
<td>117</td>
</tr>
<tr>
<td>Curtain</td>
<td>552</td>
</tr>
<tr>
<td>End Plates</td>
<td>20</td>
</tr>
<tr>
<td>Guides</td>
<td>43</td>
</tr>
<tr>
<td>Angles/Channels</td>
<td>45</td>
</tr>
<tr>
<td>Motor/HCG</td>
<td>25</td>
</tr>
<tr>
<td>Safety Brake</td>
<td>0</td>
</tr>
<tr>
<td>Safety Beam</td>
<td>10</td>
</tr>
</tbody>
</table>

Curtain Weight is 21kg/m²

Acoustic Rating 18Db

3-Phase Direct Drive Motor

85 Guide

Motor Clearance 300

End Plate Fixings

Guide Support Fixings

Control Panel

Casing (Optional)

End Plate Casing (Optional)

75x75x75x3

End Plate Support Channel

75x75x75x3

End Plate

Barrel support bearing

Casing (Optional)

Barrel

Motor End Plate

X Section on'X-X'

Elevation from Inside

Plan at Guide Level

Plan at Barrel Level

X

F.F.L.

Manual Override Chain

Inside

Manual Override

Safety Beam (Optional)

Safety Beam (Optional)

Safety Beam (Optional)

Safety Edge (Optional)

Steel

M8/M10 Set Screws

M8/M10 Coach Screws

Brick

M8/M10 Rawbolts/Sleeve Anchors

Blockwork

M8/M10 Rawbolts/Sleeve Anchors

Timber

M8/M10 Coach Screws

Concrete

M8/M10 Rawbolts

Guardian maintains a policy of progressive design and we reserve the right to modify specifications without prior notice or alteration to this drawing.
ELECTRIC SYSTEM FOR DIRECT DRIVE MOTOR WITH TS CONTROLLER

- 3p DIRECT DRIVE MOTOR
- DOOR CENTRELINE
- SAFETY EDGE (Optional)
- REFLECTOR
- SAFETY BEAM (Optional)
- 16 amp 3P+N+E CEE PANEL SOCKET TO BE FITTED 1.5m FROM FLOOR & WITHIN 1m OF DOOR (Supplied by others)
- 415v/3ph/5-Pin CONNECTOR
- TS Control Panel
- LOW LEVEL MAINS ISOLATOR (Supplied by others)

UNLESS OTHERWISE INDICATED ALL DIMENSIONS IN MILLIMETERS AND ALL TOLERANCES ±1.0

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GUARDIAN ES-DD-TS

DRAWN CHK'D APP'D DATE SCALE Drwg No: 06/06/06 NTS
MB

TITLE ELECTRIC SYSTEM FOR DIRECT DRIVE MOTOR WITH TS CONTROLLER
FINISH

ISSUE DATE APP'D
1 06/06 RWE