GUARDIAN ECO DD-2

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 6500mm W x 6000mm H.

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barrel</td>
<td>108</td>
</tr>
<tr>
<td>Curtain</td>
<td>390</td>
</tr>
<tr>
<td>End Plates</td>
<td>16</td>
</tr>
<tr>
<td>Guides</td>
<td>45</td>
</tr>
<tr>
<td>Angles/Channels</td>
<td>68</td>
</tr>
<tr>
<td>Motor/HCG</td>
<td>45</td>
</tr>
<tr>
<td>Safety Brake</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>673</td>
</tr>
</tbody>
</table>

Curtain Weight is 10kg/m² Wind Loading +3/-3

END PLATE & GUIDE SUPPORT CHANNEL

Safety Beam (Optional) - Casing (Optional)

Elevation from Inside

Plan at Guide Level

Plan at Barrel Level

3-Phase Direct Drive Motor

Control Panel

Manual Override Chain

16 amp 3P+N+E CEE PANEL SOCKET (Supplied by others)

Safety Beam Transmitter (Optional)

Safety Beam (Optional)

5000 Structural Height (Max)

6000 Structural Width (Max)

300 Motor Clearance

Curtain Weight is 10kg/m² Wind Loading +3/-3

END PLATE & GUIDE SUPPORT CHANNEL

Safety Beam (Optional)

Casing (Optional) - Barrel

Motor End Plate

Barrel support bearing

6500 Structural Width (Max)

75x75x75x3 End Plate Support Channel

END PLATE & GUIDE SUPPORT CHANNEL

Safety Beam Reflector

See Curtain Options

Safety Edge (Optional)

75x75x75x3 End Plate & Guide Support Channel

GUARDIAN maintains a policy of progressive design and we reserve the right to modify specifications without prior notice or alteration to this drawing.

DOOR SOLUTIONS FOR ALL REQUIREMENTS

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GUARDIAN ECO DD-2

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

Drawn by MB

Check by

Appointed by

Date

Scale

Drawn No.

Title

Guardian ECO 3-ph DIRECT DRIVE FACE FIX.
6500mm W x 6000mm H Max.

Issue

Date

App'd

PN
ELECTRIC SYSTEM FOR DIRECT DRIVE MOTOR WITH TS CONTROLLER

- 3p DIRECT DRIVE MOTOR
- DOOR CENTRELINE
- SAFETY EDGE (Optional)
- REFLECTOR
- SAFETY BEAM (Optional)
- TS Control Panel
- 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
- LOW LEVEL MAINS ISOLATOR (Supplied by others)

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