GUARDIAN ECO DD-1

Title: ECO 3-ph DIRECT DRIVE FACE FIX. 3500mm W x 6000mm H Max.

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)

Fixing To:

<table>
<thead>
<tr>
<th>Material</th>
<th>Fixing Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel</td>
<td>M8/M10 Set Screws</td>
</tr>
<tr>
<td>Brick</td>
<td>M8/M10 Rawl Bolts/Sleeve Anchors</td>
</tr>
<tr>
<td>Blockwork</td>
<td>M8/M10 Rawl Bolts/Sleeve Anchors</td>
</tr>
<tr>
<td>Timber</td>
<td>M8/M10 Coach Screws</td>
</tr>
<tr>
<td>Concrete</td>
<td>M8/M10 Rawl Bolts</td>
</tr>
</tbody>
</table>

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 3500mmW x 6000mm H

<table>
<thead>
<tr>
<th>Weight (kg)</th>
<th>Fixing Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>47</td>
<td>Steel</td>
</tr>
<tr>
<td>210</td>
<td>Curtain</td>
</tr>
<tr>
<td>16</td>
<td>End Plates</td>
</tr>
<tr>
<td>38</td>
<td>Guides</td>
</tr>
<tr>
<td>39</td>
<td>Angles/Channels</td>
</tr>
<tr>
<td>45</td>
<td>Motor/HCG</td>
</tr>
<tr>
<td>0</td>
<td>Safety Brake</td>
</tr>
<tr>
<td>395</td>
<td></td>
</tr>
</tbody>
</table>

Curtain Weight is 10kg/m²

Wind Loading +3/-3

75x75x75x3 End Plate Support Channel

3-Phase Direct Drive Motor

Manual Override Chain

600 Structural Height (Max)

Barrel

75x75x75x3 End Plate

Support Channel

Motor/End Plate

Control Panel

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

Overall Width (Min)

3500 Structural Width (Max)

Barrel

End Plate

Casing (Optional)

Support bearing

Overhead

3500 Structural Width (Max)

Curtain

75x75x75x3 End Plate

Support Channel

Motor/End Plate

Casing (Optional)

Support bearing

Overall Width (Min)

3500 Structural Width (Max)

Curtain

75x75x75x3 End Plate

Support Channel

Motor/End Plate

Casing (Optional)

Support bearing

Overall Width (Min)

3500 Structural Width (Max)

Curtain

75x75x75x3 End Plate

Support Channel

Motor/End Plate

Casing (Optional)

Support bearing

Overall Width (Min)

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75x75x75x3 End Plate

Support Channel

Motor/End Plate

Casing (Optional)

Support bearing

Overall Width (Min)

3500 Structural Width (Max)

Curtain

75x75x75x3 End Plate

Support Channel

Motor/End Plate

Casing (Optional)

Support bearing

Overall Width (Min)
3p DIRECT DRIVE MOTOR

DOOR CENTRELINE

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)

REFLECTOR

SAFETY EDGE (Optional)

SAFETY BEAM (Optional)

TS Control Panel

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