Masts / Reactions

Reactions in service
Reactions out of service

Without load, ballast (or transport axles), with maximum jib and maximum height.

See climbing crane
### City Crane

**MC 175 B**

**Counter-jib ballast**

- **MBY 1**
  - | Crane Height (m) | 3400 kg | 2250 kg | (t) |
  - | 60 m | 16 m | 4 | 2 | 18.300 |
  - | 55 m | 16 m | 3 | 3 | 17.100 |
  - | 50 m | 16 m | 3 | 2 | 14.850 |
  - | 45 m | 13 m | 5 | 1 | 19.500 |
  - | 40 m | 13 m | 4 | 2 | 18.300 |
  - | 35 m | 13 m | 3 | 3 | 17.100 |
  - | 30 m | 13 m | 3 | 2 | 14.850 |

**Base ballast**

- **SB 16 A**
  - | Crane Height (m) | 44.9 | 41.9 | 38.9 | 35.9 | 32.9 | 29.9 | 26.9 | 23.9 | 20.9 | 17.9 | 14.9 |
  - | | 72 | 60 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |

**Anchorages**

- **P 16 A**
  - | Distance | 44 m | 68 m | 92 m | 113 m | 134 m |
  - | | 102.15 m | 81.15 m | 57.15 m | 33.15 m | 16.15 m |

**CITY CRANE**

**MC 175 B**

- **A** Distance between collars
- **H1** Crane height
- **P** Crane weight (in service)
- **R** Horizontal reaction
## Mechanisms

<table>
<thead>
<tr>
<th>GB</th>
<th>Hoisting</th>
<th>Trolleying</th>
<th>Slewing</th>
<th>Travelling</th>
</tr>
</thead>
</table>

**In compliance with the EEC Instructions on noise level**

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### Table: Mechanisms

<table>
<thead>
<tr>
<th>Mechanism</th>
<th>Unit</th>
<th>U</th>
<th>Uv</th>
<th>hp</th>
<th>kW</th>
</tr>
</thead>
<tbody>
<tr>
<td>45 RCS 20</td>
<td>m/min</td>
<td>0 → 40</td>
<td>0 → 80</td>
<td>0 → 40</td>
<td>45</td>
</tr>
<tr>
<td>50 LVF 20</td>
<td>m/min</td>
<td>3.8 → 14.8</td>
<td>→ 58</td>
<td>→ 84</td>
<td>→ 112</td>
</tr>
<tr>
<td>RCV 145</td>
<td>rpm</td>
<td>0 → 0.8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SB 16 A</td>
<td>m/min</td>
<td>12.5 → 25</td>
<td>2 x 7</td>
<td>2 x 5.2</td>
<td></td>
</tr>
</tbody>
</table>

### CEI 38 & IEC 38

<table>
<thead>
<tr>
<th>CEI 38</th>
<th>IEC 38</th>
<th>KVA</th>
</tr>
</thead>
<tbody>
<tr>
<td>400 V (+6% -10%) 50 Hz</td>
<td>45 RCS: 60 kVA</td>
<td>50 LVF: 70 kVA</td>
</tr>
</tbody>
</table>

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