The GMV-movement is designed to operate very large outdoor clocks. It is capable of driving clocks up to 4000 mm. (157") diameter. It has a compact design. As a special bracket is always included in the delivery it is easily mounted and dismounted. GMV is solidly built and completely housed. All bearings are self lubricating, thus allowing a minimum of service.

The movement has a single phase induction motor that drives the minute hand over a gear system. The GMV-movement is operated from a master clock that provides 1/1-minute polarized impulses. The impulses are received and start the induction motor which moves the minute hand in 1 minute steps.

If a mains failure occurs the impulses are memorized and when power returns the clock will correct itself by means of rapid impulses.

GMV-movement No. 115 030-00

This GMV-movement can be either recessed or surface mounted inside the wall. The shaft length must be specified at time of ordering as the movement has no set standard length.

The delivery includes bracket and collets.

For further description see text above.

GMV-movement No. 115 032-00

This GMV-movement has only a minute shaft and no gear system for hour hands and is therefore conveniently used for replacement of old movements where existing gear systems are intact. It is very well suited to operate 4-wall turret clocks with mechanical gear connection.

For further description see text above.

GMV-movement No. 115 034-00, illuminated.

This GMV-movement is designed to operate clocks with neon tube illuminated hands. Slip rings are mounted on to the hour and minute shafts. The tube transformers are placed in the hands and 220 V 50 Hz is thus passed through the slip rings. The size and the specification in all other respects follow those for 115 030-00.

Hands and dials

Hands both neon illuminated and others can be provided in designs and materials as ordered.

The same is valid for hour marks.

There is no set standard for these items.
Shutter NC-1 115 050-00

The shutter is made of steel sheet for building into wall and is equipped with door with triangular key lock. The shutter is painted with rust protection paint.

<table>
<thead>
<tr>
<th>Art. No.</th>
<th>Dimensions A mm</th>
<th>V</th>
<th>Weight kg</th>
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<tbody>
<tr>
<td>115 030-00</td>
<td>As per order</td>
<td>220</td>
<td>19.5</td>
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<tr>
<td>115 032-00</td>
<td>—</td>
<td>220</td>
<td>14.0</td>
</tr>
<tr>
<td>115 034-00</td>
<td>As per order</td>
<td>220</td>
<td>20.0</td>
</tr>
</tbody>
</table>

Nr 1. Recess mounting

Nr 2. Mounting behind wall