4. Gear unit Mounting positions

Stroina differentiates between six mounting positions for gear units and gearmotors.

Output direction of rotation with backstop.
If the drive has a backstop, you also have to indicate the direction of rotation of the output for the drive. The following definition applies:

As viewed at the output shaft:
- Clockwise (CW)
- Counterclockwise (CCW)

In the right-angle gear units, you also have to indicate whether the direction of rotation is given looking into the L or D end.

Position of the output shaft and output flange:
In right-angle gear units, you also have to indicate the position of the output shaft and the output flange:
- L or D or L+D

Changing the mounting position:
It is important that you read the following information when you operate the gearmotor in a mounting position other than indicated in the order:

- Adjust the lubricant fill quantity to match new mounting position
- Adjust the position of the breather valve
- For helical-bevel gearmotors: contact Stroina customer service prior to changing to mounting position V1 to V2 or vice versa
- For helical-worm gearmotors: contact Stroina customer service when changing to mounting position N5 or N4

<table>
<thead>
<tr>
<th>INFORMATION</th>
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</thead>
<tbody>
<tr>
<td>Notes on the shafts illustrated on the mounting position sheets:</td>
</tr>
<tr>
<td>- For gear units with solid shaft: The displayed shaft is always on the L end.</td>
</tr>
<tr>
<td>- For shaft-mounted gear units: The shaft with dashed lines represents the customer shaft. The output end (shaft position) is always shown on the L end.</td>
</tr>
</tbody>
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<tr>
<td>Notes on the depicted motors.</td>
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<tr>
<td>Motors are only represented symbolically on the mounting position sheets.</td>
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<tr>
<td>When the terminal box is in the 3 position, check to see if the gearmotor has to be supported.</td>
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<tr>
<td>Not all cable entry positions (0,1,2,3) and terminal box positions (0,1,2,3) can be selected. Some additional features for the motor require a connection inside the terminal box, which means this terminal box is larger than the standard terminal box due to the normative air gaps. The dimension sheets only depict the standard terminal box.</td>
</tr>
</tbody>
</table>
Mounting position FG

Vent plug
Drain plug
Gear unit design

FG...SMB/SMR

FG...P...

FG...D...

FG...PD...

FG...V...

FG...PV...

FG...Z...

FG...PZ...
Mounting positions ZG

- Vent plug
- Drain plug
Gear unit design

ZG...V...SMB/SMR

ZG...P/V...

ZG...FV...

ZG...FP/V...
Transmissions

Vent plug

Drain plug
Mounting positions KG

- Vent plug
- Drain plug
Gear unit design

KG...SMB/SMR

KG...P...

KG...D...

KG...PD...

KG...V...

KG...PV...

KG...Z...

KG...PZ...
Vent plug
Drain plug
4. Mounting positions SG

- Vent plug
- Drain plug
Gear unit design

SG...SMB/SMR  SG...P...

SG...D...  SG...PD...

SG...V...  SG...PV...

SG...Z...  SG...PZ...
Vent plug
Drain plug

1 (T)
2 (L)
3 (B)

1
2
3

N3
N4
N5
N6

V1
V2