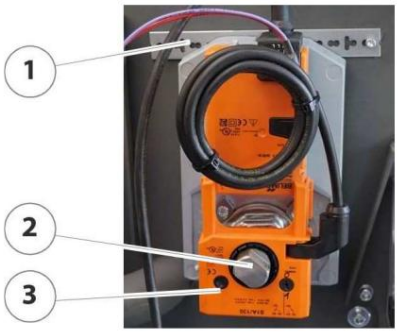
Montage

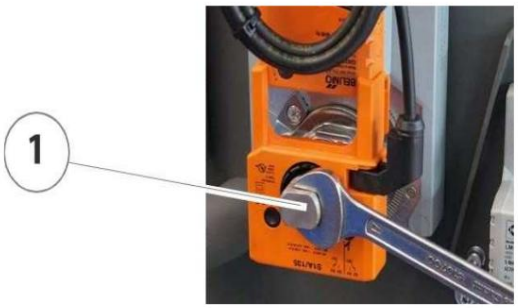


1. Slide the grate motor (3) onto the shaft (2).

2. Secure the grate motor (3) with the sheet metal (1).

3. If the grate motor does not fit on the shaft because it is too thick, the inner part (1) must first be removed with a hammer and punch.

4.Press the release button (1) and at the same time turn the mounting bracket (2) until it stops. (Boiler with loading side on the right = right stop; boiler with loading side on the left = left stop). Exception C49 Exactly the other way around here because the motor is mounted on the front of the boiler and not on the back!



5. Turn the shaft (1) with an SW 1 7 spanner or a pipe wrench so that the tipping grate is horizontal. In this position, attach the mounting bracket to the shaft with the two M8 (SWI 3) nuts.

Limit switch setting

1 knob 1

2 Knob 2

Set the rotary knob (1 + 2) according to the table to the appropriate boiler type or version.

	HDG Compact 25/35		I-IDG Compact 40/50/65/80/95		HDG Compact 49	
Feed*	**links**	**to the right**	**links**	**to the right**	**links**	**to the right**
knob 1	**Arrow on "1"**	**Arrow to "0"**	**Arrow to "0"**	**Arrow on "1"**	**Arrow to "0"**	**Arrow to "1"**
knob 2	**arrow up "1 O 'clock"**	**arrow up "5 o'clock"**	**arrow up "5 o'clock"**	**arrow up "1 O 'clock"**	**arrow up "1 O 'clock"**	**arrow up "5 o'clock"**

Table 4/1 - Grate motor settings

***Loading position seen from the front of the boiler**

IMPORTANT ALWAYS TEST AFTER ADJUSTMENT

CONTROL / MANUAL OPERATION / actuator test

1. Start the tipping grate in manual mode/actuator test.

- **ÿ The limit switch of the grate motor must switch from 1 to 0 after approx. 20 s running time.**
- **ÿ If the limit switch changes too early, rotary knob 2 (2) must be turned clockwise by one tooth be rotated.**
- **ÿ If the limit switch changes too late, rotary knob 2 (2) must be turned against the be rotated clockwise.**