

1. ** Set the idle auxiliary spring at $n = 385 \text{ min}^{-1}$ so that the control-rod travel is exceeded by 0.1 - 0.2 mm.

2. Setting the idle control-lever position:

At 1000 min^{-1} , control rod travel 1.9 - 2.0 mm

3. Check the idle auxiliary spring shutoff

Control-lever position 47° . After change-over point up to 550 min^{-1} no change in control-rod travel. Control-lever position 30° . Speed range $350 \text{ min}^{-1} - 450 \text{ min}^{-1}$

4. Check the pneumatic shutoff box

Control lever at idle stop.

At $n = 375 \text{ min}^{-1}$ and $p_u = 450 \text{ mbar}$ (vacuum) (338 mmHg) the control rod must return quickly to control-rod travel = 0 mm.