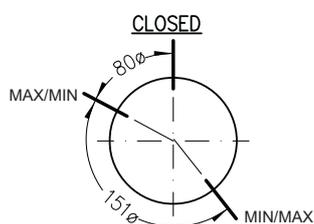


MT 9400 series



_ Rotation diagrams



_ Construction characteristics

- Mechanical body: drop forged brass.
- Male cone: bar-cut brass.
- Spindle: bar-cut brass.
- Cover: aluminium.

_ Functional characteristics

- Maximum temperature: 150 °C
 - Maximum bulb temperature: 320 °C
 - Oven temperature adjustment field
 - Maximum: 300 °C
 - Minimum: that allowed by the burner.
 - Thermostatic adjustment type: modulating.
 - Maximum flow: limited by the thermostat or oven injector.
 - Minimum flow: limited by thermostat by-pass.
- By-pass adjustable for each type of gas.
- Flows between maximum and minimum: determined thermostatically.
 - Maximum gas pressure: 65 mbar

_ Connection characteristics

- Inlet types:
 - For round rails with 16 mm diameter. Other dimensions according to customer requirements.
 - For square rails.
 - On demand and after a study, other types and dimensions.
- Outlet types: according to customer requirements.
- Spindle dimensions: according to customer requirements.
- Other dimensions: according to customer requirements.

_ Installation characteristics

- Flange screws: max. torque for
 - 2 screws: 3 N m
 - 1 screw: 2 N m
- Max. torque of fitting outlet: 8 N m (biconical), 15 N m (flaring).
- Range for tightening torque of injectors: 1.5 - 2.5 N m
- Min. bending radius: capillary pipe 15 mm

_ Main outside dimensions

