

VariFuel2 – Air/Fuel Ratio Mixer

P/N 30.45.140-80D/M

Variants

- control manual or via stepper motor

Dimensions

- inner diameter of nozzle 80 mm (3.15")
- outer diameter of mixer 140 mm (5.51")
- length of mixer 146 mm (5.75")
- maximum length 248 mm (9.76") (with stepper motor)
146 mm (5.75") (without stepper motor)

Connections

- stepper motor 10-pole military connector

Weight

- P/N 30.45.140-80D 7.4 kg (16.31 lbs) (with stepper motor)
- P/N 30.45.140-80M 6.3 kg (13.89 lbs) (without stepper motor)

Mechanical Data

- permissible vibrations 5 g at 20 to 2000 Hz
- chemical resistance water, oil, gaseous fuels
- maximum pressure 1 bar (14.50 psi)
- maximum temperature of the medium flowing through 50 °C (122 °F)

Climatic Environmental Conditions

- permissible temperature range -10 °C to +80 °C (+14 °F to +176 °F)
- maximum relative humidity 85 % without condensation up to 2000 m (6561') above sea level

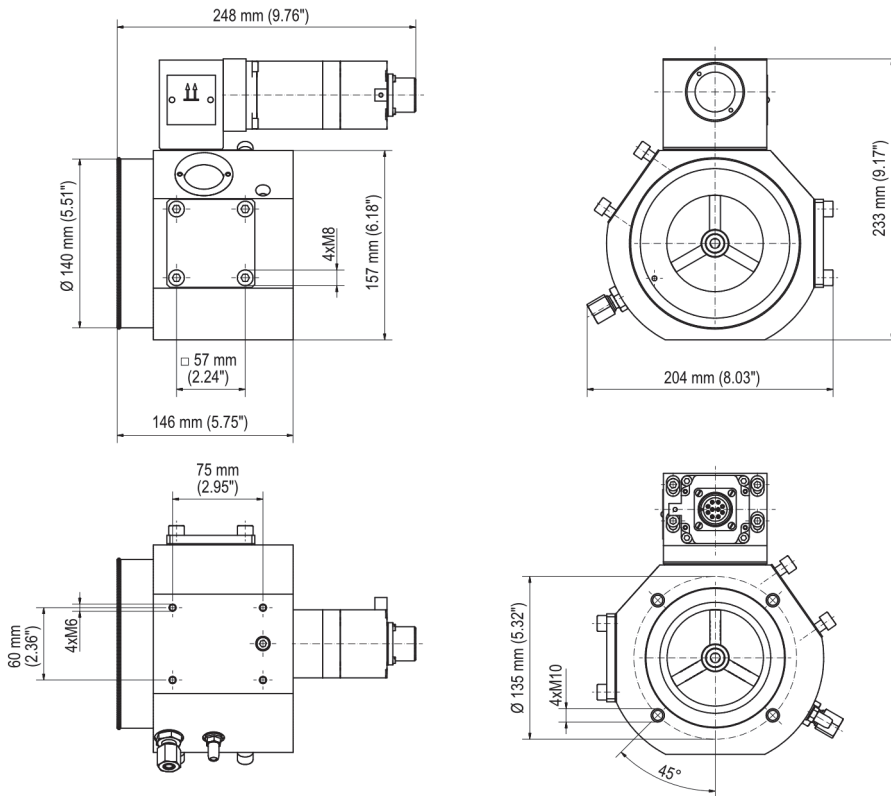
Characteristics of Stepper Motor

- maximum rotation angle of the stepper motor 250°



Overview Drawings

P/N 30.45.140-80D



P/N 30.45.140-80M

