

VariFuel2 – Air/Gas Mixer

P/N 30.45.140-80D

Dimensions

• Inside diameter of the nozzle	80 mm (3.15")
• Outside diameter of the mixer	140 mm (5.52")
• Mixer length	146 mm (5.75")
• Maximum length	248 mm (9.77")

Mechanical Data

• Weight	7.4 kg (16.3 lbs)
• Permissible vibrations	5 g at 20 Hz to 2000 Hz
• Chemical resistance	Water, oil, gaseous fuels
• Maximum temperature of media flowing through	+50 °C (+122 °F)
• Air consumption min./max.	200 m³/h to 1,300 m³/h
• Suitable for flow bodies with min./max. diameter	23 mm to 72.5 mm

Climatic Environmental Conditions

• Permissible temperature range	-10 °C to +80 °C (+14 °F to +176 °F)
• Maximum relative humidity	85 % at +80 °C (+176 °F) 60 % at -20 °C (-4 °F) without condensation up to 2,000 m (6,561') above sea level

Stepper Motor

• Connection	10-pole military style connector
• Maximum rotation angle	250°



Overview Drawings

