

New Product

MOTORTECH VariFuel3 140-80

Replacement for VariFuel2 140-80 and VariFuel2+ 140-80

The new VariFuel3 air/gas mixer is based on the general operating principle of the VariFuel2 series, but was improved from the design perspective.

The new size of the VariFuel3 140-80 is the latest improvement of the proven VariFuel2 140-80 as well as the VariFuel 2+ 140-80. This mixer will replace the older versions and sizes and is the next approach in the adaptation of the VariFuel series.



General Features

- 30 % reduced weight
- More precise regulation due to improved fuel ring design for all fuel types
- Cast housing and inlet parts
- Optimized/reduced number of available flow bodies
- Simplified installation due to reduced weight and number of parts reduces costs and installation time
- New bayonet connector improves stability
- Full compatibility with VariFuel2 and VariFuel2+ inlet and outlet flanges
- Compatible with the MOTORTECH VariStep and VariStep3

VariFuel3

MOTORTECH AIR/GAS MIXER

Technical Data

- Dimensions:
 - Inlet diameter: 80 mm
 - Housing diameter: 140 mm
 - Housing length: 146 mm
 - Max. length: 247 mm including stepper motor
- Air mass flow range: 200 m³/h to 1,300 m³/h
- Weight: 5.1 kg
- 10-pole bayonet connector at stepper motor
- Ambient temperature range: –20 °C to 80 °C
- Maximum medium temperature: 50 °C

DISTRIBUTION

Customers / others	Yes
Representatives and Sales Partners	Yes
OEM partners	No
MOTORTECH subsidiaries	Yes

New Product

Ordering Information

P/N	Description	Supersedes
30.48.140-80D	VariFuel3 air/gas mixer, series 140-80	30.45.140-80D / 30.45.141-80D
31.01.972-10000	Stepper motor harness	31.01.942 / 31.02.087-10
31.01.715-023.0	One-piece flowbody 23 mm	
31.01.715-030.0	One-piece flowbody 30 mm	
31.01.715-040.0	One-piece flowbody 40 mm	
31.01.715-060.0	One-piece flowbody 60 mm	
31.02.520	Bayonet adapter (for replacing existing VariFuel2 and VariFuel2+ in the field without changing the existing harness)	

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