



Fuel Injection Stator

Fuel stators actuate the armature in GDI fuel valves. Primarily used in diesel and industrial combustion engines, our stators are designed to be extremely robust.

PERFORMANCE*

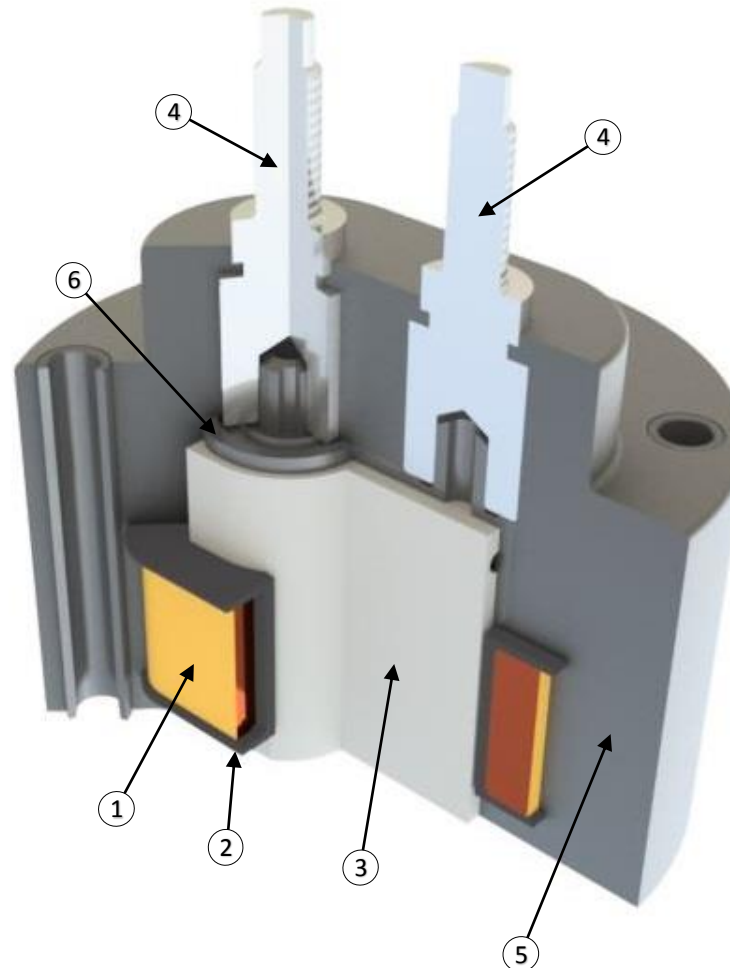
Operating Voltage	9V to 16V
Duty Cycle	Pulse (up to 12 times per second)
Durability	Up to 5,000,000 Cycles @ 230 bar
Response Time	Measured in milliseconds
Leak Testing	<1cc/min @ 28 bar
Stator Face	Surface finish and grinding to micron tolerances

PACKAGE SIZE

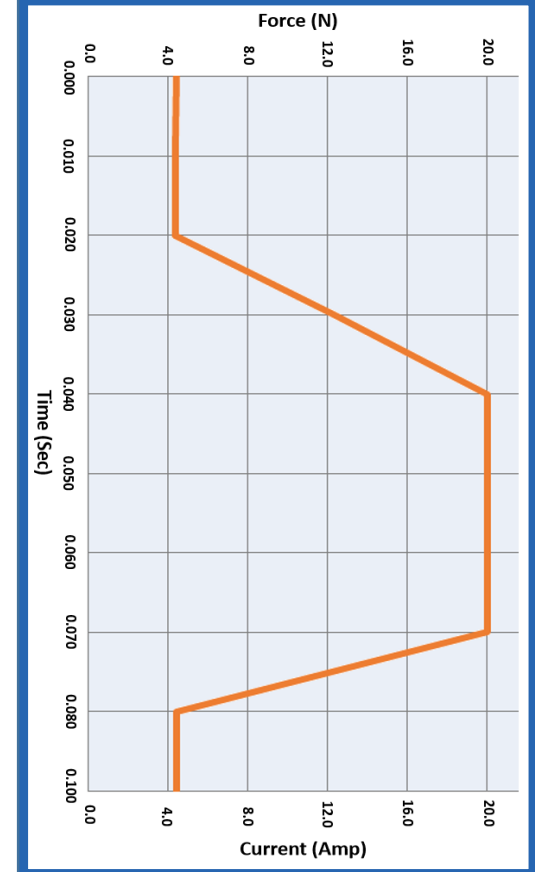
Length x Width x Height	Typically based on customer specification
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CAPABILITY

1	Coil	Precision layer wound magnet wire; 20 - 35 AWG, Insulated rating up to 280°C
2	Bobbin	Thermoset or Thermoplastic
3	Flux Carrier	Lamination Stack (Grain Oriented), Core (PM)
4	Termination	Resistance Weld, Pulsed Arc Weld, IDC, Robotic Solder to customer specified connector.
5	Overmold	Thermoset or Thermoplastic
6	Insulator	Thermoset or Thermoplastic



STATOR FORCE RISE TIME PROFILE*



* Performance data is provided for reference purposes only and will vary based on application