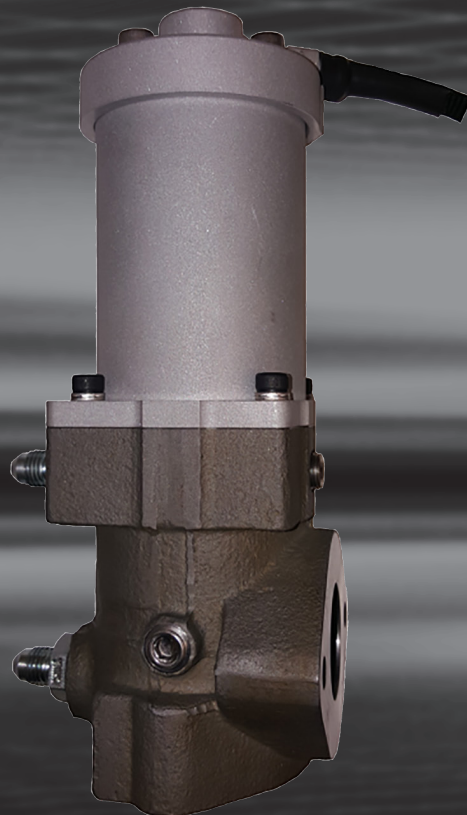


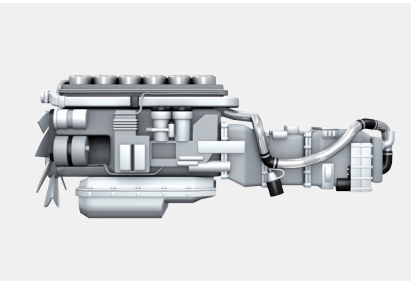
AVENTICS^A

**HIGH FLOW EGR POPPET
VALVE**

**HIGH PERFORMANCE -
COMPACT DESIGN**

**Advanced
Mechatronics**
It's that easy





Passive or smart actuation

The AVENTICS best in class high flow poppet EGR valve is a water cooled actuator with outstanding low leakage and low pressure drop. Available in pressure balanced or non-balanced configurations.

A wide range of Best in Class features

- Low leakage
- Low pressure drop
- Operating temperature range
- Response time
- Integrated linear actuator
- High pressure seal at closed position

Additional characteristics

- Available in pressure balanced or non-balanced configurations
- Water cooled
- Operating voltage: 12V or 24V
- On/Off or proportional controlled
- Multiple control signals and mounting configurations
- On board diagnostics
- E1 compliant

Series	EGR poppet valve	
Bore sizes	25mm to 50mm	
Temp. range, operational	-40°C to +150°C	
Temperature range, storage	-55°C to +175°C	
CAN ready	250kB, 500kB, 1MB	
Pressure differential (closed)	3 bar	
Vibration	to 29g _{rms}	
Response times	T ₉₀ < 90ms	T _s < 120ms

- ✓ Integrated linear actuator
- ✓ Smart option: CAN (J1939), PWM, analog control
- ✓ Best in class performance
- ✓ Suitable for hot environments, including exhaust gas
- ✓ Industry best response times
- ✓ Hardware enabled sleep/wake modes

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F-HFEGR/2017-09 Subject to change. Printed in USA.

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