

ON/OFF HIGHWAY VALVES

HYDROCARBON DOSING VALVE | PRODUCT DETAIL

Description

The Hydrocarbon Doser Valve controls the amount of fuel injected into the exhaust upstream of the Diesel Oxidation Catalyst (DOC) to allow efficient regeneration of the Diesel Particulate Filter (DPF). Lisk designs and produces Dosers, Full Doser Assemblies (Including mounting hardware plus casting for specific engine applications) and many different designs for Mid Range and Heavy Duty engines. Lisk has a wide range of in-house testing capabilities including but not limited to Engine Dynamometer, International Standards Testing, Vibration Testing, Environmental Testing and Hydraulic/Pneumatic Testing.

- Highly customizable
- Finely atomized spray
- Various coil designs and connector options
- Flow rates of 1.0 cc/sec - 11 cc/sec or higher
- Leakage values less than <.010 cc/min.
- Response times of 2.5 - 3.5 msec for most applications
- Filtration feature
- Thermal robustness to 650°C (coolant required)

PATENTS

Doser Valve Products

US8671664 B2

Adjustable Doser Valve

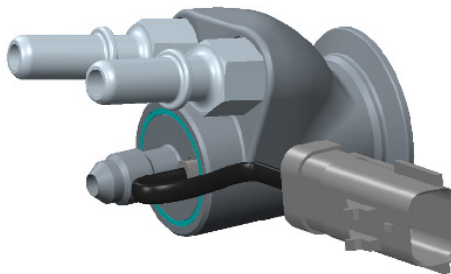
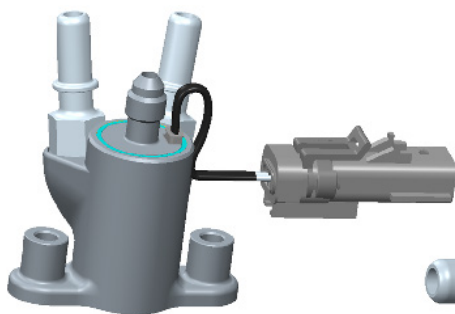
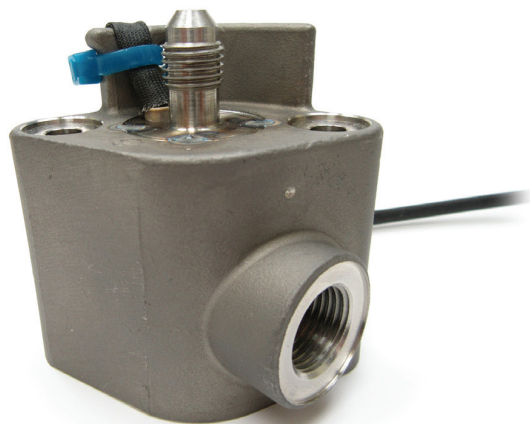
US9146562 B2

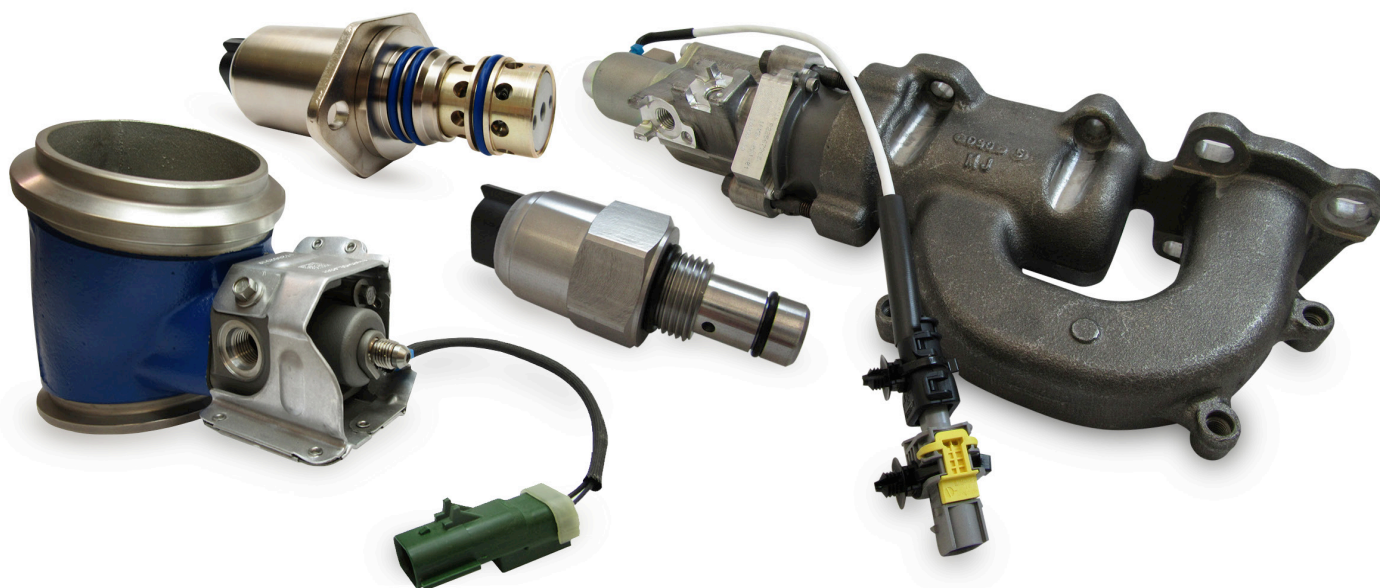
JP 5448104

System for Purging a Device

CA2721439 C

EP2279335 B1





Lisk provides control valve solutions for the medium and heavy duty engines of global OEM's. Our emission control products allow our medium and heavy duty diesel engine customers meet EPA, Euro, and PNLT regulations. Our On/Off Highway Engine Valve Group includes:

- **DPF Hydrocarbon Dosing:** Inward and outward opening poppet designs for Mid-Range and Heavy Duty applications
- **EGR:** Poppet and Butterfly designs, Hydraulic Solenoid Actuated and Electric Motor Operated (With CAN control)
- **Natural Gas:** Fuel Control Valves, Fuel Shut-Off Valves, Fuel Pressure Regulators
- **Turbo:** Variable Geometry Control (VGT) & Waste Gate Control Valves

ABOUT US

We are a global leader in the design and manufacture of engineered solutions including solenoids, solenoid valves, linear and rotary position sensors, motors, electric actuators and flame arrestors. We serve hundreds of customers in diverse markets throughout the world with market-leading solutions enabled by our extensive design, test and manufacturing capabilities.

