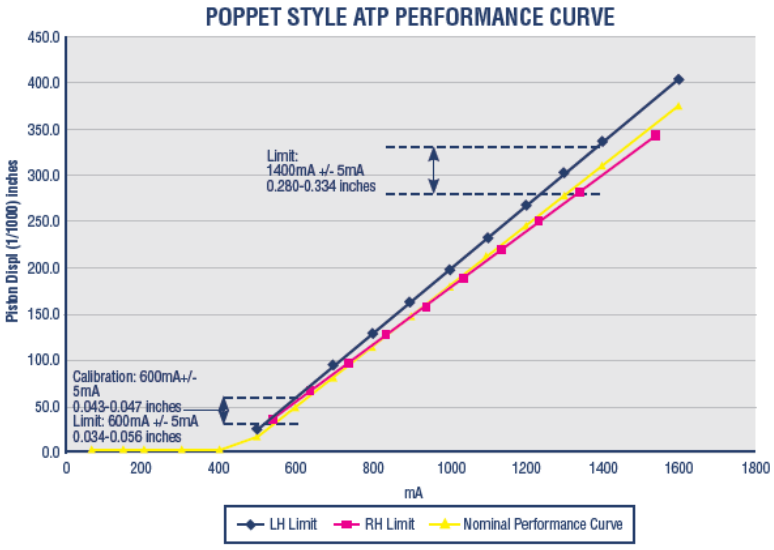
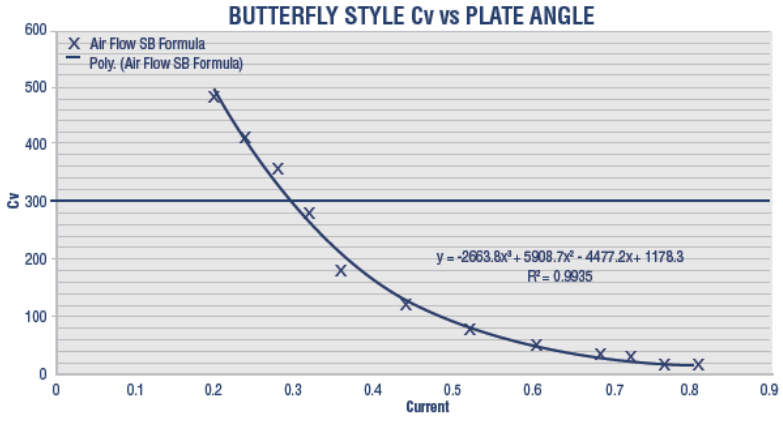
ON/OFF HIGHWAY VALVES

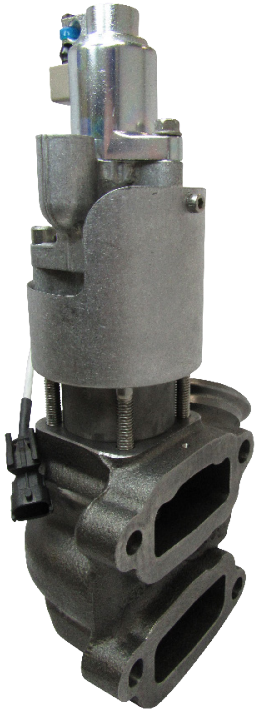
Description

Lisk designs and manufactures Exhaust Control Valves used in applications for Exhaust Gas Recirculation, Turbo Wastegate, Diverting and Waste Heat Recovery. These products are designed with robust actuation forces from hydraulic actuation. Lisk has linear (poppet style) and rotary (butterfly style) valve options, both controlled via a servo control valve with mechanical feedback to provide continuous position authority.

- Operates in 700 C exhaust temperature
- Operates in 200 C underhood temperature
- 100% duty cycle authority with hydraulic actuation
- Actuator forces are scalable







PATENTS

Proportional Control Valves for Exhaust Gas Recirculation
US6601821 B2
EP1207330 B1
CA2720788
CA2720768

Proportional Position Feedback Hydraulic Servo System
US8313082 B2
EP2440792 B1

Control System for Regulating Air Flow to Engine Intake
US6883320 B2

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.