

LiSK
Activating the World



engineered solutions

ON/OFF HIGHWAY

Valves for Engine Management Applications

GASEOUS MEDIA VALVES

FOR ON-HIGHWAY AND OFF-HIGHWAY VEHICLE APPLICATIONS.

Lisk has been designing and manufacturing gaseous media valves for over 25 years. We work with the world's largest engine manufacturers to meet their needs in fuel delivery systems. Our team of engineers work to optimize Lisk engineered valves within existing customer systems as well as provide collaboration and support in the development of new systems.



AIR CONTROL VALVES

- Proportional Relief Valve
- Customizable to Application
- Current Controlled
- Thread or Flange Mount



PRESSURE REGULATORS

- Proportional Valve
- Boost Assist Optional
- Natural Gas Compatible
- Mechanical or Electronic
- Smart Technology Available



FUEL CONTROL VALVES

- Proportional Flow Control
- Smart Technology Available
- Flexible to Meet System Flow Requirements
- Current Driven
- Natural Gas Compatible



FUEL SHUT-OFF VALVES

- On-Off Valve
- Pilot Operated
- Current Designs Up 5,000+ PSI Available
- Voltage Controlled
- Natural Gas Compatible

CAPABILITIES



From design to delivery: we do it all.

We strive for innovation and differentiation that allows you to have a competitive advantage so we've invested substantially in our equipment, facilities and training. This enables us to maintain complete control of the products we make for you. We have an extremely robust range of capabilities including:

DESIGN & ANALYSIS 3D CAD design capability. Element (including finite) analysis in vibration, shock, temperature, magnetic, flow, heat transfer, and stress.

R&D LABORATORY Electrical characteristics, operational performance including pneumatic and hydraulic pressure/flow stands, response time, life cycling, evaluation of new processes, features, and new product development.

NDT TESTING & MATERIAL ANALYSIS Non-Destructive Testing services that includes x-ray, visual, and Dye Penetrant inspection.

ENVIRONMENTAL TESTING Including, but not limited to shock, vibration, salt spray, humidity, high (1000°F) and low (-150°F) temps, altitude to 100,000 feet, and other testing as required.

HYDRAULIC TESTING Up to 75HP, 60,000 PSI

PACKAGING Commercial, military, environmental storage, custom, VPCI, and returnable packaging and cleaning.

MANUFACTURING ENGINEERING In-house Tool/Machine design and build capabilities.

CNC WINDING MACHINES, COMPUTER AUTOMATED

TEST STANDS Reduces manual testing time and cost and eliminates operator error.

CNC MACHINES Multi-axis, vertical and horizontal turning and milling as well as automatic manufacturing cells.

SCREW MACHINES Six spindle, eight spindle chucking and bar.

WELDING/BRAZING Electron beam, gas tungsten arc welding, laser, induction, heliarc, spot welding, and brazing.

PLATING Cadmium, zinc, electroless nickel, zinc phosphate, chemical film on aluminum, anodize, passivate, Zinc Nickel and others.

PRESSURE MOLDING Transfer and injection coil overmolding.

INTERNATIONAL STANDARDS Meets or exceeds many international certification standards.





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