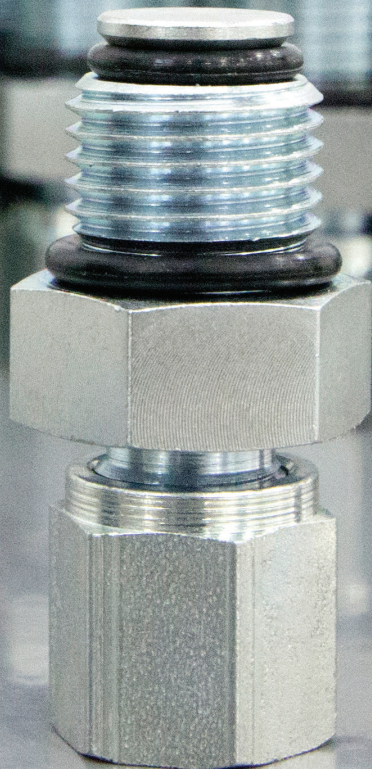
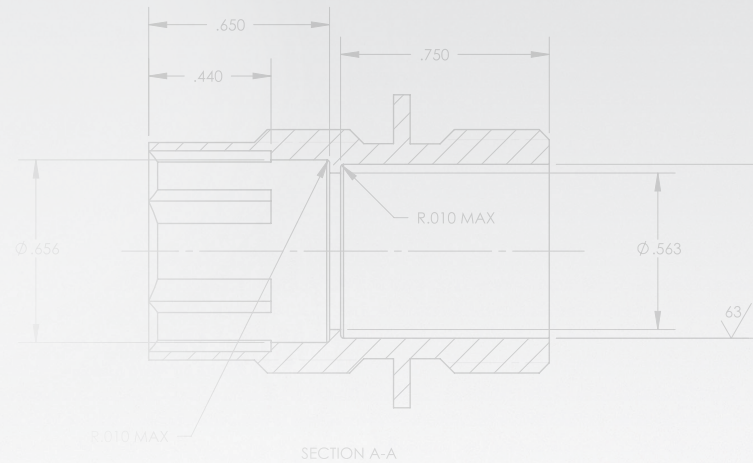


# Bridon Industries, Inc.

**Performance Under Pressure.**



**bridon**  
industries

# Bridon — an Excellent Fit.

**Not all hydraulic challenges are the same. Their solutions shouldn't be either.**

**At Bridon, we get it.**

How? We listen, respond to your ideas, provide value-added services, then accelerate ideas to prototype and final product.

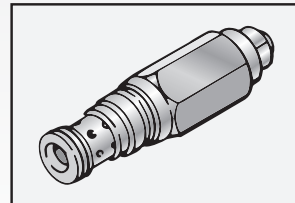
Discover the benefits Bridon has provided some of its customers below:

## System-Specific Relief Valve

**Customer Challenge:** A relief valve to avoid system overload.

**Minimum Customer Expectation:** A safe, low cost, standard product to fit the existing manifold system.

**Bridon Value-Added Solution:** Reduced cost, **removed unnecessary features** and designed a safe, **custom valve**.



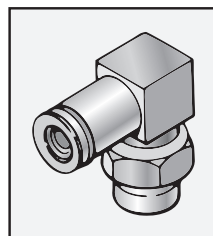
## Bypass Relief Valve

**Customer Challenge:**

A bypass valve to withstand cold temperature startup pressures and avoid cooling system damage.

**Minimum Customer Expectation:** A relief valve or manifold redesign that controls and limits pressure adequately for the desired cold weather application.

**Bridon Value-Added Solution:** Eliminated leak points, met the desired application and **avoided costly manifold redesign** via a compact valve configured within a standard fitting.

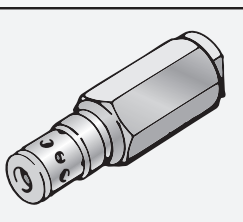
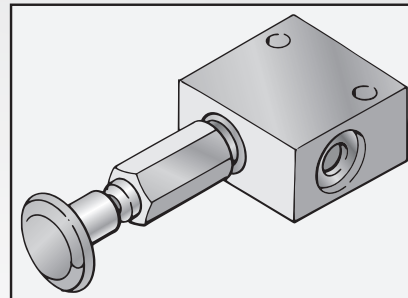


## Operator-Actuated Valve

**Customer Challenge:** A bypass valve that permits safe operation in the event of system failure.

**Minimum Customer Expectation:** A safe, low leak valve that prevents inadvertent actuation.

**Bridon Value-Added Solution:** Reduced costs and provided **operator-optimized haptics** via a **low leak**, twist to unlock design.



## Spin-Down Relief Valve

**Customer Challenge:** A relief valve to control an attachment's rotational inertia.

**Minimum Customer Expectation:** A valve that results in a system-safe spin down.

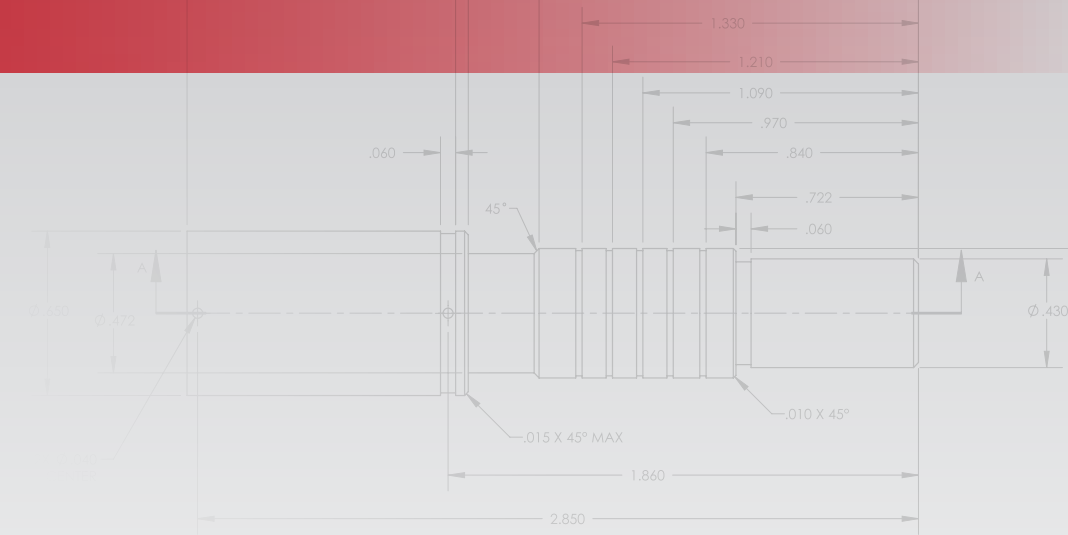
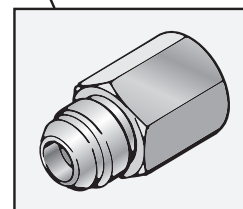
**Bridon Value-Added Solution:** **Minimized system spikes** and **reduced shaft seal failures** via a delayed-response relief design.

## Check Fittings

**Customer Challenge:** A check circuit between the primary and secondary pumps.

**Minimum Customer Expectation:** Reduce leak points while remaining in close proximity to the needed applications (e.g. cylinder control valves).

**Bridon Value-Added Solution:** **Eliminated leak points**, lowered cost and **combined component functions** in one check fitting.



# Bridon Relieves Engineering and Sourcing Pressure

## How? We are:

### Fast

- ✓ Same day response on product inquiries
- ✓ Fast, accelerated prototyping in weeks, not months
- ✓ Our efficient team eliminates red-tape and shortens lead times

### Easy To Work With

- ✓ Our seasoned hydraulic design, engineering & manufacturing experts grasp your unique applications quickly
- ✓ Our proactive, partnership approach to your unique challenges = industry-leading customer service
- ✓ Our proven, on time delivery means you get your parts when you need them

### Cost Effective

- ✓ Value-added engineering, analysis & design services are provided at no extra cost
- ✓ Use of Global Supply Chain Partners assures lowest possible component costs
- ✓ Low overhead and streamlined manufacturing process passes on more cost savings directly to you

### Our Capabilities and Focus on Quality Means No Surprises

- ✓ Solidworks and ANSYS FEA structural simulation
- ✓ 3D printing and rapid prototyping
- ✓ Valve function simulation and modeling software
- ✓ Advanced testing capabilities: performance, fatigue and burst
- ✓ Oil cleanliness monitoring
- ✓ ISO 9001-compliant manufacturing and design
- ✓ Global supply partnerships
- ✓ 100% inspection and testing on all final assemblies

### Does fast, easy and cost effective work for you? It can. Find out how.

Let's discuss your unique hydraulic challenges. Contact Bridon Industries today at **952-470-6179** or email us at **[sales@bridonindustries.com](mailto:sales@bridonindustries.com)**. And find out how Bridon can perform under pressure while saving you time and money.



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