

**G-SERIES CYLINDER ACTUATORS  
SUGGESTED SPECIFICATIONS**



**APPLICATION DATA 73.01-1**

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Supersedes September, 2009

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Cylinder actuators shall be G-Series as manufactured by DeZURIK or pre-approved equal.

Cylinder actuators shall be rack and gear type, and enclosed in a cast iron housing. Actuators shall have seals to prevent the entry of dirt and water into the actuator. The gear quadrant shall be supported by two permanently lubricated bronze bearings.

Cylinder tubes shall be constructed of a fiber reinforced epoxy matrix. Interior of the cylinders shall have a low friction surface with 16 micro-inch profile. Piston, cylinder heads and caps shall be cast iron.

Piston seals shall be of triple wiper design and pressure-assisted. The seals shall be made of PTFE, and energized with an NBR backing ring.

Actuators shall clearly indicate valve position. External adjustable stops shall be provided for open and closed positions. All exposed fasteners shall be zinc plated or stainless steel.

Cylinder actuators shall be installed and tested on the valve as a complete assembly by trained technicians at the factory.