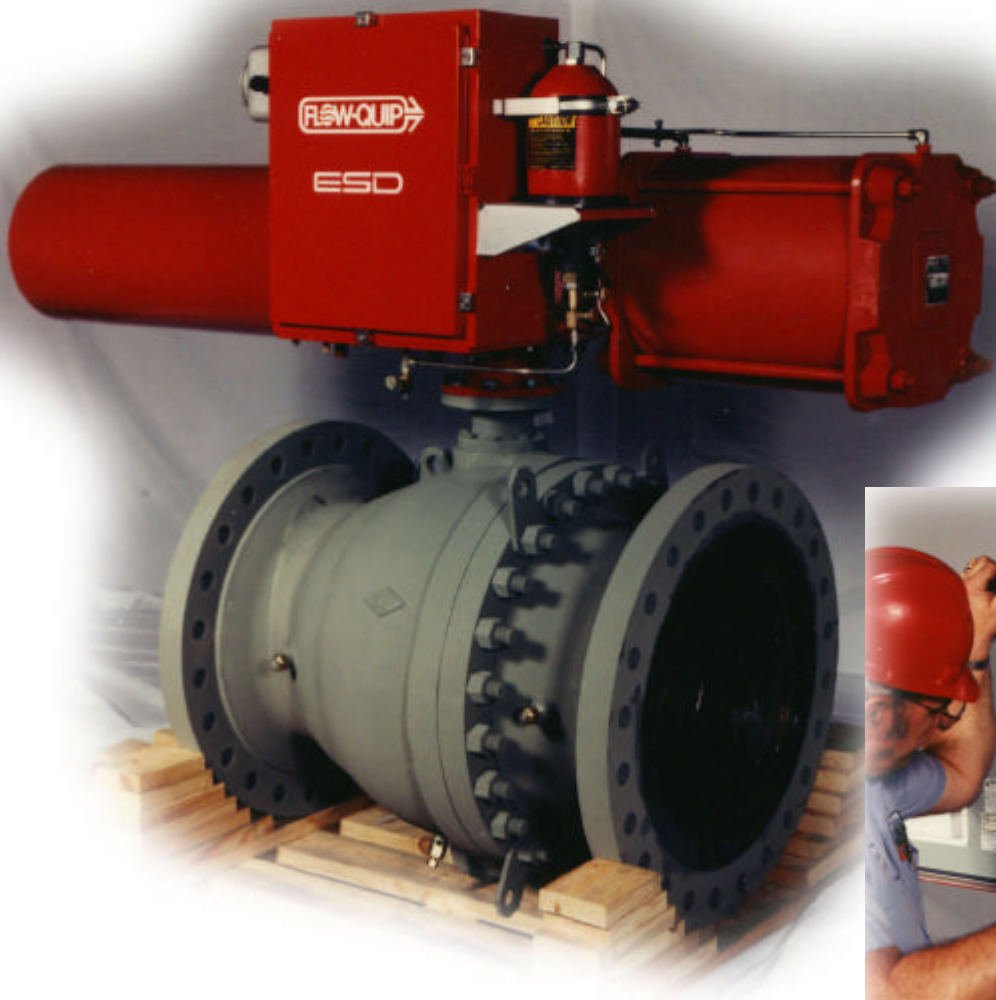


# ESD<sup>®</sup> ACTUATOR APPLICATION DATA SHEET



## **Flow-Quip manPOWER<sup>™</sup> Actuator Protects Pipeline from Overpressure without Electrical Power**

*This manPOWER<sup>™</sup> actuator is headed for South Texas to protect a critical petroleum pipeline from overpressure. To place the unit in service pipeline personnel manually pump the actuator open. Once open the actuators pressure monitoring circuit is reset and it holds the valve open and compresses a powerful internal spring. If an overpressure condition occurs the pressure pilot releases hydraulic pressure and the spring automatically closes the valve, preventing overpressure from damaging the pipeline.*

Electrical power is not available at this site and the valve stands open for long periods of time, making the manPOWER<sup>™</sup> a cost effective choice for this application.

**Type: SR– manPOWER<sup>™</sup>**

**ADS No. 7401**

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