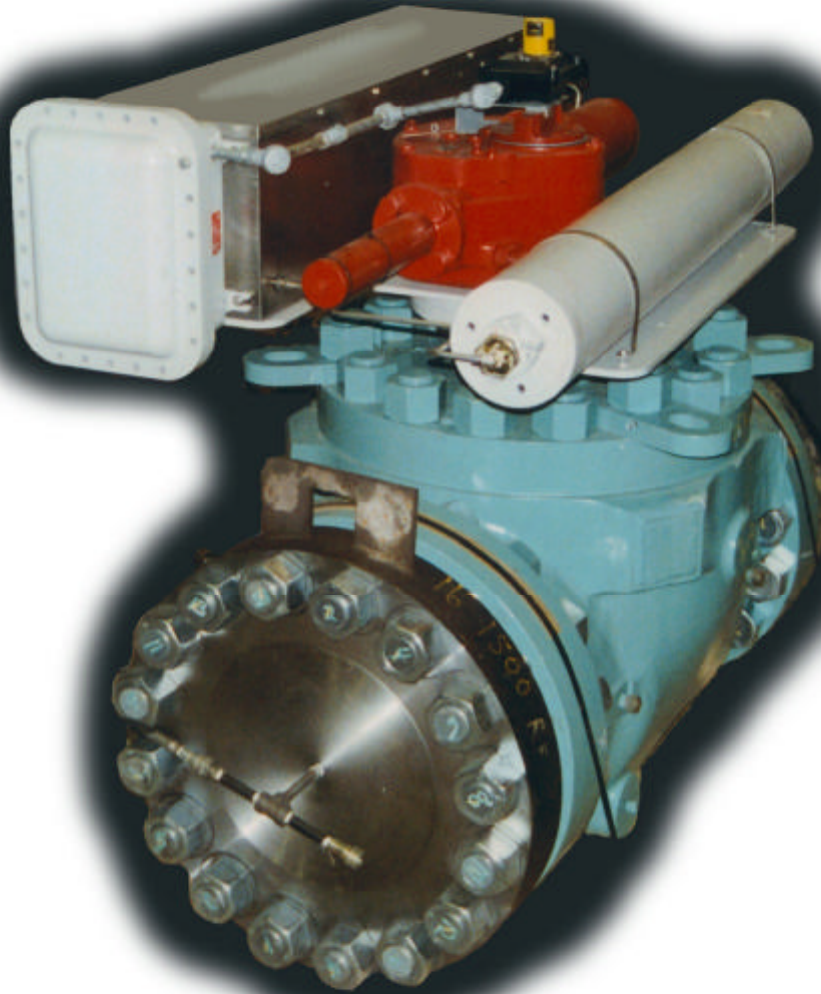


ESD[®] ACTUATOR APPLICATION DATA SHEET



Flow-Quip ESD[®] type SE Actuator completes final testing... ready for shipment to Ecuador

Eighteen of these 16"-1500# Grove ball valves are fitted with type SE actuators for pipeline shutdown service on the ARCO Villano project in Ecuador. They are connected to the pipeline SCADA system and provide reliable automation of these high pressure pipeline block valves using site solar panel generated power.

This photo was taken during hydrostatic testing of the valve at maximum differential pressure to verify full torque output and adequate storage of hydraulic energy for multiple cycles of the valve without motor power. Each actuator contains stored energy for 5 strokes of the valve without recharging.

Type: SE - ROTARY

ADS No. 7203

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