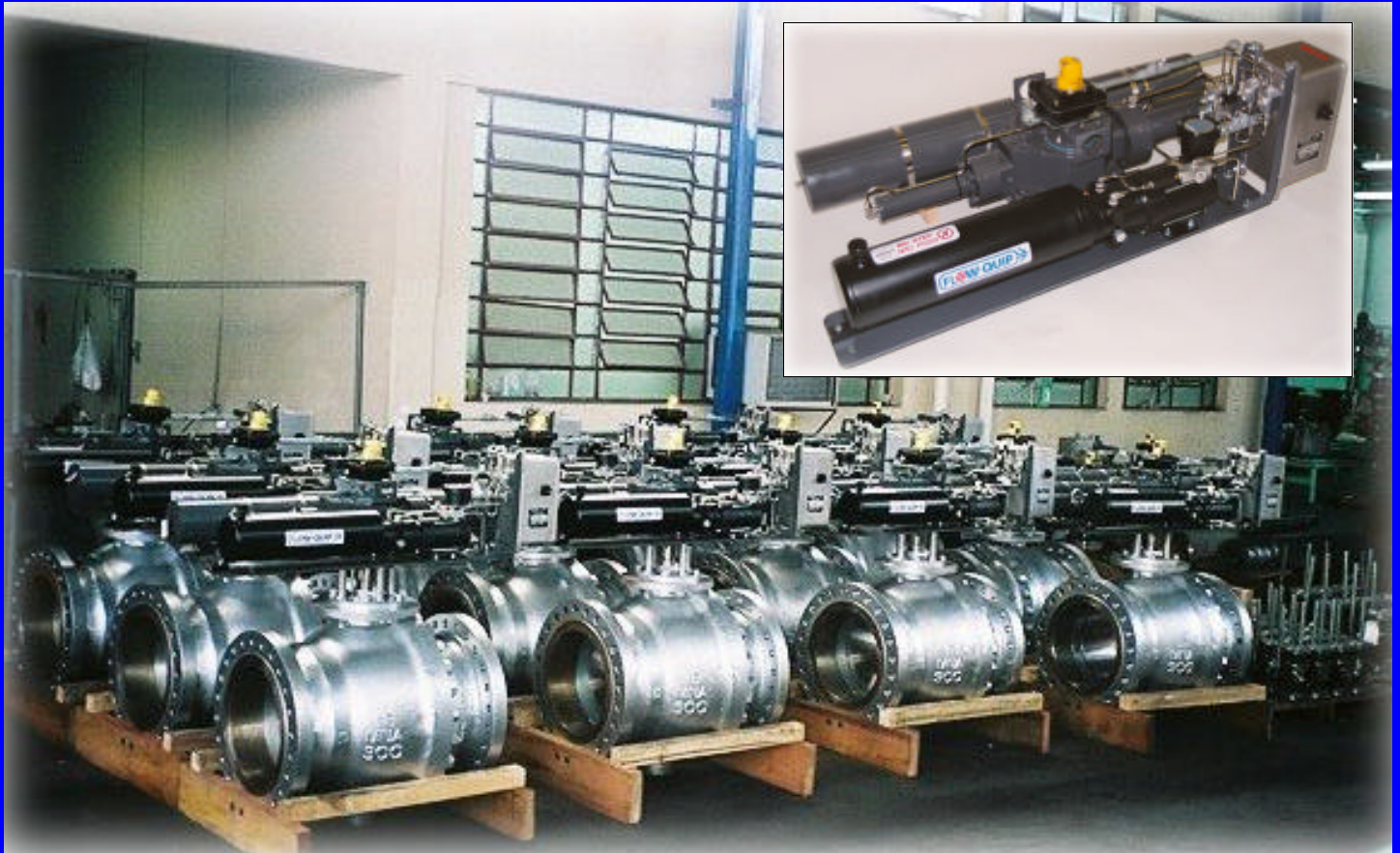


ESD[®] ACTUATOR APPLICATION DATA SHEET



Flow-Quip ESD type SE units are readied for shipment to Petrobras Pipeline Valve Sites

As a part of a nationwide pipeline upgrade project in Brazil a partial shipment of Flow-Quip type SE fail-safe actuators and MNA full port ball valves are readied for shipment. Each valve and actuator will be installed in older pipelines at river crossings and near populated areas. They will be connected via a SCADA system to the pipeline control center.

Solar collectors power these actuators and they store hydraulic energy for 4 valve strokes without recharge.

Type: SE-ROTARY-SOLAR

ADS No. 7206

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