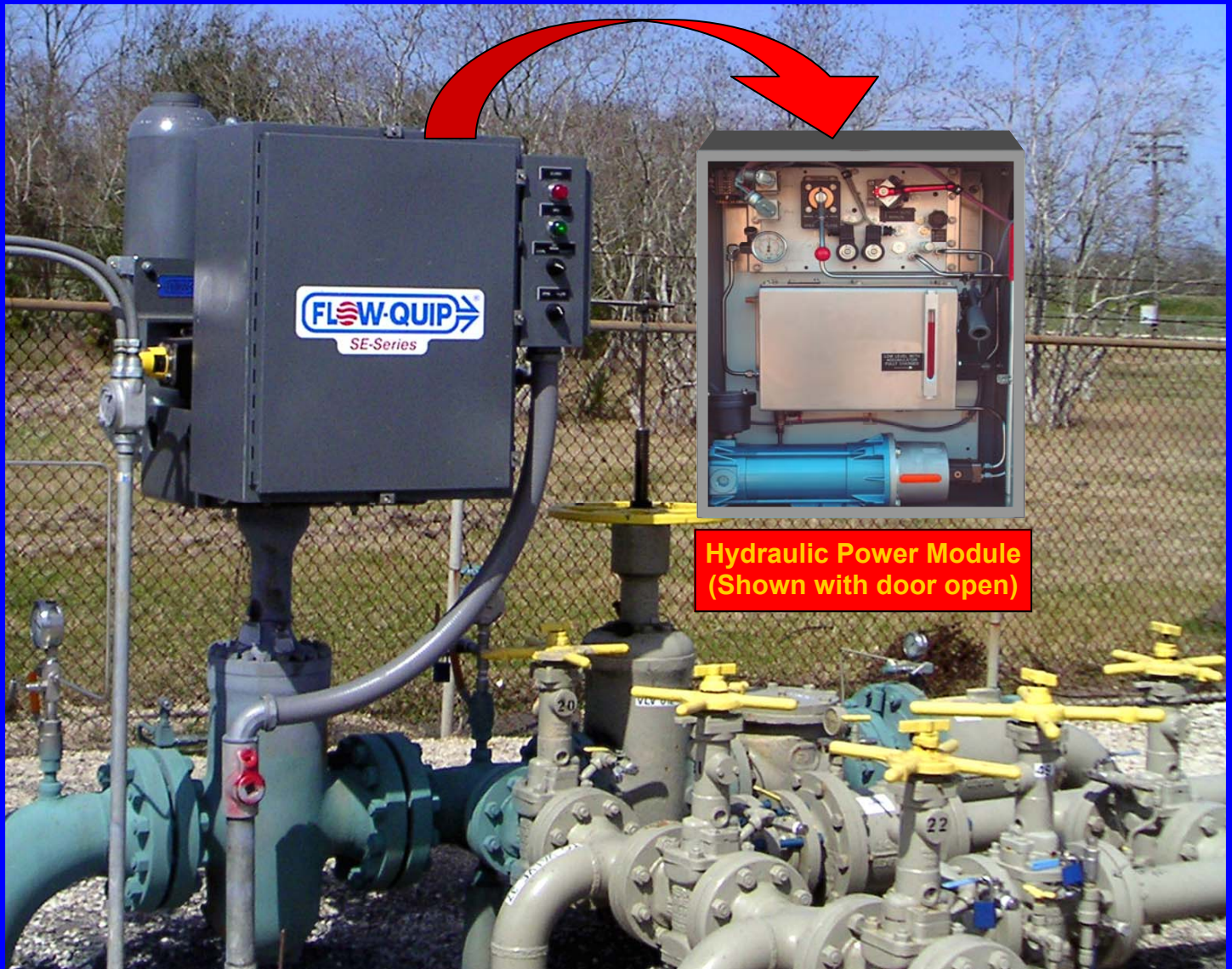


ESD[®] ACTUATOR APPLICATION DATA SHEET



Hydraulic Power Module
(Shown with door open)

Flow-Quip Linear SE Series Self-Contained Fail-Safe Gate Valve Actuator

This Flow-Quip SE Series Linear actuator was delivered to a major pipeline company in Mt. Belvieu, Texas to be used for pipeline over pressure protection.

The actuator utilizes a 24VDC hydraulic power module to generate and store hydraulic energy. When fail-safe operation is needed stored hydraulic energy provides power for valve operation. The unit pictured is mounted on a WKM PowerSeal pipeline gate valve and is capable of delivering up to 6 fail-safe valve strokes without electrical supply being available.

A "Partial Stroke" feature is available to periodically confirm the actuator and valve are functioning properly by partially closing the valve with out having to visit the site or fully closing the valve. In addition hydraulic controls are incorporated into a single manifold. This greatly minimizing the possibility of hydraulic fluid leaks, and reduces the size and weight of the unit.

Type: **LINEAR SE-Series**

ADS No. 7207

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