The SAFOCO Hydraulic Actuator combines simplicity with ease of maintenance to provide an extraordinary value in a SSV actuator.

Its operating principle and rugged design make this actuator inherently trouble-free. This hydraulic actuator design has eliminated the problems of downtime and added safety features vital to today's customer requirements. This actuator is designed for most surface safety applications.

The SAFOCO Hydraulic Actuator utilizes concepts that eliminate galling, misalignment, and distortion during operation.

The close tolerance problem has been eliminated by providing wear bearings in the actuator and bonnet to suspend the top shaft and bonnet stem from contacting metal during operation.

SAFOCO has designed into each model, series, and size of hydraulic actuator the industry's strongest compression spring. This is important to ensure gate valve closure. No special tools are required when loading the compression spring.

Ease of repair and service has been provided by designing the top plug assembly so that it can be removed easily and quickly.

To remove the actuator from the bonnet remove 8 hex head bolts with a crescent wrench, then lift the actuator from the bonnet.

SAFOCO's actuator philosophy emphasizes safety and reliability, compact and simple design, fast response time, easy maintenance, optional use of control pressure and quality in manufacture and service.

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The right to use the official API monogram on Wellhead Equipment (as listed in Spec. 6A) under API Specification 6A for Wellhead Equipment.

API License No. 14D-0033 has been replaced by API License No. 6A-0335
The SSV valve with a SAFOCO Actuator is normally supplied in the fail-closed configuration. Hydraulic actuator supply pressure drives the valves reverse-ported gate down and holds it in the open position under normal operating conditions. In the event of an abnormal condition, the actuator supply pressure is released or bled off by quick exhaust mechanisms, allowing the valve to close by body pressure acting on the bonnet stem diameter and spring force. Restoring of Hydraulic Actuator supply pressure automatically reopens the valve.

When required, the valve can be configured with a fail open gate design for a vent or blow-down system.

SELF-CONTAINED SSV/SCSSV SAFETY CONTROL SYSTEM PATENT PENDING

This panel, when joined in tandem with the SSV/SCSSV provides a true and totally self-contained hydraulic control system with sequential and fool proof opening and closing procedure.
ACCESSORIES

Heat sensitive lock open devices, manual handwheel overrides, hydraulic overrides, position indicators, remote control devices, actuator quick exhaust devices, stem protector, electromechanical switches, electrical indicating devices. (optional side mounted electrical indicating devices)

WARRANTY STATEMENT Products illustrated in this booklet are subject to Terms and Conditions of Sale including Warranty and Limitations of Liability as shown in our Price List.

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