

Slab Through Conduit Pneumatic Gate Valve

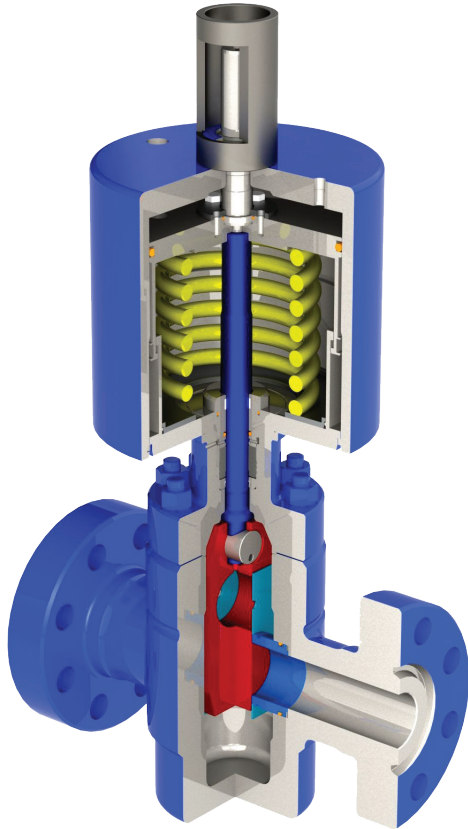
GAP-SDV Series



DESCRIPTION

QUAM **GAP-SDV** is a Full bore through conduit **Slab Gate** valve complete with **Rising Pneumatic Actuator** ASP Series

THE VALVE



GENERAL APPLICATION

GAP-SDV is the typical Pneumatic Gate Valve suitable for installation on Christmas Trees or Production Manifolds

KEY FEATURES

Description

Slab Gate is a solid piece with improved sealing performances and is available as Reverse Acting

Full Bore Through Conduit

With Full Size valve bore it is Minimized the Pressure Drop across the Valve

Metal To Metal Sealing

Without soft parts it is improved sealing performance with any process fluid

Spring Loaded Seats

Floating Seats guarantee Tight Shut-off even at low operating pressures

Bi-Directional Sealing

The possibility to reverse the fluid inlet orientation, Increase the service life

Erosion Resistant Trim

Valve Trim Sealing Surfaces are Hardened to improve wearing resistance

Corrosion Resistant Trim

Trim Components are made in Stainless Steel properly Plated to improve corrosion resistance

Proprietary Stem Packing Design

QUAM experience have been put in a special Stem Packing design for Smooth Operation, long life service and low emissions

Actuator Characteristics

Pressure is applied only to one side of the piston. In case of emergency the actuator goes in fail close position.

Exceed PR-2 Requirements

GAP-SDV valves performance exceed API-6A PR-2 requirements

TECHNICAL SPECIFICATIONS

Valve Action Pneumatic open or close spring return

Operated QUAM Pneumatic Actuator

Valve Size Range API-6A From 1 13/16" through 13 5/8"
API-6D From 2" through 24"

Valve Pressure Ratings API-6A From 2.000 through 20.000 PSI
API-6D From 150 through 2500 lbs

Valve Connections Flanged, Studded, Buttweld, Hub or Customized Connections

Actuator Operating Media Compressed instrument air, sweet instrument gas or nitrogen, sour gas on special execution (special media compatibility, available on request)

Material Class API-6A: A-A, B-B, C-C, D-D, E-E, F-F & H-H
API-6D in compliance with ASME B16.34

Temperature Class API-6A: L, P, R, S, T, U, V & X
API-6D in compliance with ASME B16.34

Shut-off Class Tight Shut-off

BENEFITS

Tight Shut-off

Valve Trim is designed to guarantee perfect sealing in any conditions

Compact Design

Minimizing Overall Dimensions GAP-SDV is perfect for offshore applications

Heavy Duty Construction

Valve is specially designed to improve reliability, Italian origin of Forging materials is the guarantee of Valve quality

Easy & Safe Maintenance

Special considerations in design are made to permit a safe disassembly of the pressure containing components

No Special Tools

GAP-SDV valves disassembly can be executed without any Special Tool, only Standard Wrenches are requested

100% ITALIAN MANUFACTURING

QUAM Valves are Engineered and Manufactured entirely in Italy

CERTIFICATIONS

API-6A (up to PSL-4)

API-6D (up to QSL-4)

API-6FA (Fire Safe)

PED 2014-68-EU

ATEX 2014-34-EU

MACHINERY DIRECTIVE 2006/42/EC