

Expanding Through Conduit Manual Gate Valve

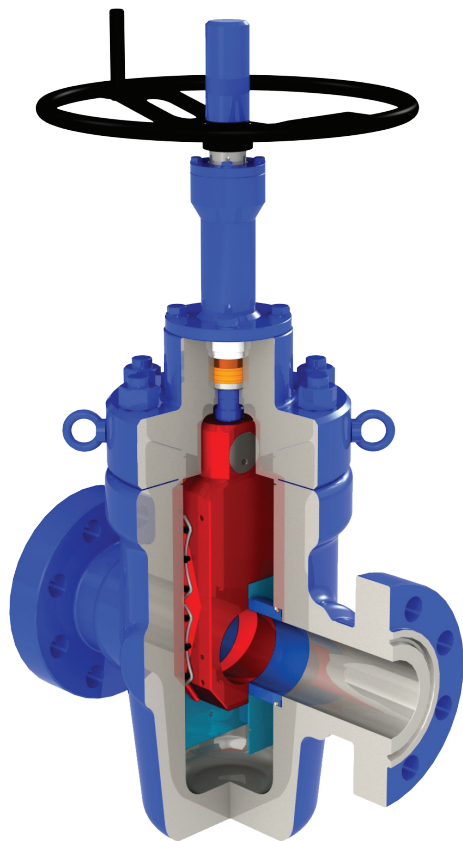
GAV-ERI Series



DESCRIPTION

QUAM **GAV-ERI** is a Full bore through conduit **Expanding Gate** valve complete with **Rising Stem Manual** Override

THE VALVE



GENERAL APPLICATION

GAV-ERI is the typical Manual Gate Valve suitable for installation on Christmas Trees or Production Manifolds. API 6D design is available for pipeline applications.

KEY FEATURES

Description

Expanding Gate is a two pieces segmented gate with improved sealing performances and it is available as Direct 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 or 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

Heavy Duty Thrust Bearings

High performance Thrust Bearings allow less load on the handwheel and easy operation

Exceed PR-2 Requirements

GAV-ERI valves performance exceed API-6A PR-2 requirements

TECHNICAL SPECIFICATIONS

Valve Action Clockwise to Close

Operated Handwheel / Gearbox

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

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 GAV-ERI 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

GAV-ERI 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