

# Expanding Through Conduit Manual Gate Valve

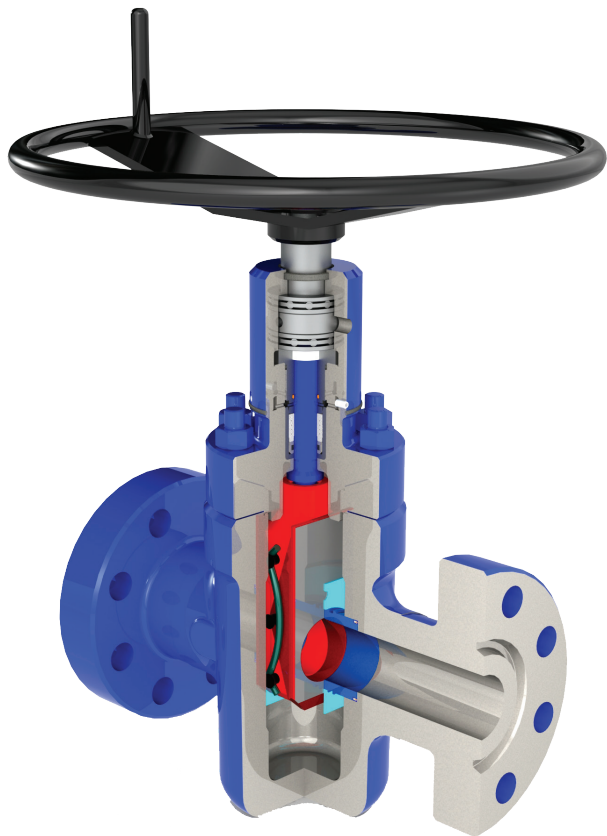
GAV-EMA Series



## DESCRIPTION

QUAM **GAV-EMA** is a Full bore through conduit **Expanding Gate** valve complete with **No-Rising Stem Manual** Override

## THE VALVE



## TECHNICAL SPECIFICATIONS

<b>Valve Action</b>	Clockwise to Close
<b>Operated</b>	Handwheel / Gearbox
<b>Valve Size Range</b>	API-6A From 1 13/16" through 13 5/8" API-6D From 2" through 12"
<b>Valve Pressure Ratings</b>	API-6A From 2.000 through 20.000 PSI API-6D From 150 through 2500 lbs
<b>Valve Connections</b>	Flanged, Studded, Buttweld, Hub or Customized Connections
<b>Material Class</b>	API-6A: A-A, B-B, C-C, D-D, E-E, F-F & H-H API-6D in compliance with ASME B16.34
<b>Temperature Class</b>	API-6A: L, P, R, S, T, U, V & X API-6D in compliance with ASME B16.34
<b>Shut-off Class</b>	Tight Shut-off

## GENERAL APPLICATION

**GAV-EMA** is the typical Manual Gate Valve suitable for installation on Christmas Trees, Choke & Kill or Production Manifolds

## 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-EMA valves performance exceed API-6A PR-2 requirements

## BENEFITS

### Tight Shut-off

Valve Trim is designed to guarantee perfect sealing in any conditions

### Compact Design

Minimizing Overall Dimensions GAV-EMA 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-EMA 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