

# Rotating Disk Manual Choke Valve

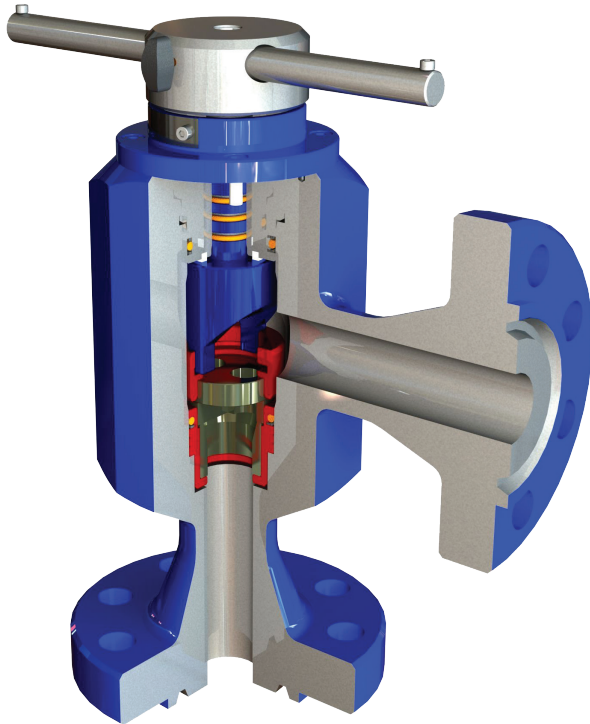
CMA Series



## DESCRIPTION

The QUAM **CMA Series** is a **Rotating Disk Manual Choke Valve** complete with Lever Manual Override

## THE VALVE



## GENERAL APPLICATION

**CMA** is the Choke Valve suitable for installation on Christmas Trees, Choke & Kill or Production/Water injection Manifolds with High pressure Drop application

## KEY FEATURES

### Trim Design

Equal % Trim Style. Rotating Disk Choke are control valves with Rotating Disk plug. The plug is a rotating disk with 2 holes and the seat is an identical disk but fixed inside the Valve Body. Regulation is obtained with the rotational movement of the stem connected to the rotating disk that closes the holes on the fixed disk

### Erosion Resistant Trim

Valve Trim in Solid Tungsten carbide to provide the best wearing resistance

### Metal To Metal Sealing

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

### Position Indicator

AISI 316 SS Engraved Position Indicator available in % to opening scale

### No Threads in Valve Body

Trim Components are not Screwed in the Valve Body in order to facilitate disassembly

### Exceed PR-2 Requirements

CMA Series Choke valves performance exceed API-6A PR-2 requirements

## TECHNICAL SPECIFICATIONS

**Valve Action** 90° rotation to regulate the flow

**Operated** Lever Manual Override

**Valve Size Range** API-6A From 1 13/16" through 11"  
ANSI From 2" through 12"

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

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

**Operating Media** Oil, Natural Gas, Water and any combination of them

**Operating Temperature** -60° C to +250° C

**Shut-off Class** ANSI/FCI Class IV as standard  
Class V available on request

## BENEFITS

### Exceptional Flow Control

Valve Trim is designed to perform an accurate Flow Control

### Customized End To End Dimensions

The possibility to customize end to end dimensions allow the users an easy replacement without pipeworks

### 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

CMA 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)

PED 2014-68-EU

ATEX 2014-34-EU

MACHINERY DIRECTIVE 2006/42/EC