AGRVALVES
OIL & GAS SOLUTIONS

# MANUAL & MOTORIZED
# VALVE - MANUFACTURER.


**AGR Valves srl**
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# BALL VALVES

### SIDE ENTRY BALL VALVE

**Size Range:** DN 2" to 48".
**Class:** ASME 150# to 2500# .
**Material:** Carbon Steel, Stainless Steel, Alloy Steel, Duplex-Superduplex.
**Seat Insert:** PTFE - RTFE - NYLON - DEVLON - PEEKMETAL.

**Application:** Trunnion Ball Valves have large aplication in Oil & Gas, Chemical plants, Water Power Control.
Their function is ON/OFF only and must not be used for flow control.

**Features:**
**Leakage Rate:**
According to API 6 D - API 598.

**Pressure Class:**
ASME 150# to 1500#.
**Size Range:**
4" to 48".
**Design Temperatures:**
Up to 440ºC with metal seats,
-196°C to +240°C with soft seat.
Design API 6 D.
**End to End:**
ASME B16.10.
**Line Connections:**
ASME B16.5-B16.47, ASME B16.25.
can be supplied with SR (self relieving) or DPE (double piston effect) features.

### TOP ENTRY BALL VALVE

**Size Range:** DN 2" to 48"
**Pressure Class:** ASME 150# to 2500#. Carbon Steel, Stainless Steel, Alloy Steel, Duplex-Superduplex.
**Seat Insert:** PTFE - RPTFE - NYLON - DEVLON - PEEK - METAL.

**Application:** Top-Entry Trunnion Ball Valve provides simplified in-line maintenance in a easy way.
The valve body is allowed to act as a permanent part of the piping system.
Potential leak paths are eliminated with the one piece body.
Its function is ON/OFF only and must not be used for flow control.

**Features:**
**Leakage Rate:**
According to API 6 D - API 598.

**Pressure Class:**
ASME 150# to 2500#.
**Size Range:**
2" to 36".
**Design Temperatures:**
Up to 440ºC with metal seats,
-196°C to +200°C with soft seat.
Design API 6D, ASME B16.34.
**End to End:**
ASME B16.10.
**Line Connections:**
ASME B16.5, ASME B16.25, ASME B16.47.
Valves can be supplied with SR (self relieving) or DPE (double piston effect) features.
Directive PED and ATEX.

### FULLY WELDED BALL VALVE

**Size Range:**
DN 2" to 48"
**Pressure Class:** ASME 150# to 2500#
**Material:** Carbon Steel, Stainless Steel, Alloy Steel, Duplex-Superduplex.

**Application:** Fully Welded Trunnion Ball Valve is commonly selected for applications such as Gas Transmission, Dehydration systems, natural gas storage, Compressor Stations, NGL Plants.
Its function is ON/OFF only and must not be used for flow control.

**Features:**
**Leakage Rate:**
According to API 6 D - API 598.
**Pressure Class:**
ASME150# to 1500#.
**Size Range:** 4" to 48".
**Design Temperatures:**
-46°C to +240°C. Design API 6 D.
**End to End:**
ASME B16.10.
**Line Connections:**
ASME B16.5 - B16.47, ASME B16.25.

# GLOBE CONTROL VALVES

**Size Range:** DN 2" to 16"
**Pressure Class:** ASME 150# to 1500#.
**Material:** Carbon Steel, Stainless Steel, Alloy Steel, Duplex-Superduplex.

**Application:** Pneumatic Control Valve is a valve used to control fluid flow rate by varying the size of flow passage as directed by compressed air supply.
The pneumatic control signal are traditionally based on a pressure range of 3-15 psi (0,2-1,0 bar) or commonly now, an electrical signal of 4-20 mA.
Electric control often include a SMART comunication signal superimposed on the 4-20 mA control current, such that the verification of the valve position can signalled back to the controller. Generally pneumatic control valves are equipped by an electro-pneumatic positioner (converter)

signal from 4-20 mA to 3-15 psi plus valve position and condition monitoring in an integral unit mounted on valve body.
The most common and versatile types of control valves are straight-through or angle sliding-stem globe. Equal Percentage, Linear and Quick Opening Plug type. - Rangeability 50:1.

**Leakage Rate:**
According to ASME FCI 70-2
Class IV (Metal Seat) - Class VI (Soft Seat).
**Pressure Class:**
ASME 150# to 600#
**Design Temperature:**
-30°C to 260°C- Design ASME B16.34.
**Line Connections:**
ASME B16.5
**Range Size:**
DN 2" to 12" (Single Seat).
Flanged or Butt - Welding Ends.

# PLUG VALVES

In order to extend its range of products and offer a complete lineup of valves generally demanded on world markets, **AGR Valves srl** has started the manufacturing development of Plug Valves for Oil and Gas applications.

**AGR Valves srl** main focus is to implement the newest technologies into its product lineup along with development of Centers of Expertise in order to offer its customers the most innovative products at the highest standards of Engineering, Quality and Customer Service.

**AGR Valves srl** Plug Valves are available in three different patterns: Short, Regular and Venturi, offered on flanged or welded end configurations.

**Material:**
Carbon Steel, Stainless Steel and Special Alloys. Standard valves are designed and built for high and low temperature service and materials are chosen in compliance with NACE MR0175/ISO 15156.

The production range of Plug Valves includes the following Sizes/Pressure Class.

**Size Range:**
DN 2" to DN 24"
**Pressure Class:**
ASME 150# to 1500#.
**Leakage Rate:**
According to API 6 D - API 598.

# NETWORK FOR GLOBAL MARKET

***We are able to provide Gate, Globe, Check and Butterfly valves, in accordance with Customer's requirements, in order to complete the global market network.***
***The valves are manufactured by qualified Italian companies, on the ground of former commercial agreements.***

**Pressure Class:**
ASME 150# to 2500#.
**Size:** Upon request.
**Leakage Rate:**
According to
API 6 D - API 598.