



ARI Pneumatic actuated control valve Type: 2581 Series: 12.440 Cast iron Flange EN (DIN) PN16

Characteristics

Series: 12.440
Type: 2581
Function: Control valve
Construction type: Straight
Housing material: Cast iron
Material quality: EN-JL1040
Surface protection: Paint min. 30 µm
Process connection: Flange
Standard connection: EN 1092-1/02
Ground characteristic: Equal percentage
Plug: Parabolic cone
Control range: 50:1
Leakage class: IV according IEC 60534-4
Stem seal type: Roof cuffs
Material bonnet: Ductile cast iron [EN-JS1049]
Material cone: Stainless steel 420 [1.4021]
Seat material: Stainless steel 420 [1.4021]
Spindle material: Stainless steel 420 [1.4021]
Primary spindle seal material: PTFE
Bonnet gasket material: Graphite
Type of actuator: Pneumatic
Function actuator: Spring closing
Positioner: ECON 3301
Control signal: 4 - 20 mA
Explosion-proof: No
Level of protection (IP value): IP66
With end contacts: No
Position indicator: Yes
Manual operation: No
Medium temperature: -10 / 220 °C
Ambient temperature: -10 / 85 °C

Application

- Precise controlling of: Water.
- Steam.
- Coolant.
- Neutral fluids and gases.

Technical Information

- Economically proven design.
- Simple spindle guiding.
- Large and accurate control rang due to control ratio of 50:1.
- Various Kvs-values.
- Low leakage rate due to conical valve seal.
- Equal percentage control characteristic.
- Pneumatic DP® spring return actuator.
- Econ® series 3300 digital valve positioner.
- Manufacturers declaration regarding ATEX2014/34/ EU available.

Options

- Various sealing variants.
- Positioner in explosion-proof version Ex-ia.
- Positioner with feedback 4 - 20 mA and HART.