



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 $^{\circ}$ C Ambient temperature: -10 / 85 $^{\circ}$ 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.

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.



Page 1/1

PR1462347226414_EN_25.04.2024