



ARI Control valve two way Type 2833 series 35.448 steel electric flange

Characteristics

Series: 35.448 **Type:** 2833

Housing material: Cast steel Material quality: 1.0619+N Connection: Flange

Standard connection: EN 1092-1/02 Ground characteristic: Equal percentage

Plug: Parabolic cone **Control range:** 50:1

Leakage class: IV EN60534-4 Material bonnet: 1.0619+N Material cone: 1.4021 Seat material: 1.4021 Spindle material: 1.4021

Secondary spindle seal material: PTFE Bonnet gasket material: Graphite Surface protection: Paint min. 30 µm

Type of actuator: Electrical Zero-pressure return flow: None

Control signal: Three-point / 0 - 10 V / 4-20 mA

With feedback signal: No

Level of protection (IP value): IP65

With end contacts: No Position indicator: Yes Manual operation: Yes

Medium temperature: -10 / 220 $^{\circ}$ C Ambient temperature: -20 / 70 $^{\circ}$ C

Application

- Water.
- Steam.
- Coolant.

- Thermic oils.
- Neutral liquids and gasses.

Technical Information

- Compact and variable design.
- Robust cone guiding.
- 360° Rotatable actuator.
- Quick coupling between valve and actuator.

 Large and assurate control range due to control
- Large and accurate control range due to control ration of 50:1.
- Various Kvs-values.
- Low leakage rate due to conical valve seal.
- Equal percentage control characteristic.
- Electrical Premio-Plus® actuator.
- Integrated digital valve positioner.
- Equipped with emergency manual operation.

Maximum electrical power input:

- 21 VA Premio-plus 2,2.
- 65 VA Premio-plus 5, Premio-plus 12, Premio-plus

Options

- With a stainless steel spindle bellow suited for thermic oils and volatile gases.
- Various sealing variants.

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