



ARI Bellows sealed valve Type 2511 series 35.146 steel flange EN (DIN) PN40

Characteristics

Function: Two-way valve
Norm: EN (DIN)
Construction type: Straight
Housing material: Steel
Material quality: 1.0619+N
Process connection: Flange
Standard connection: EN 1092-1
Flange finish: Raised face
Face to face norm: EN 558, Series 1
Type of disc: Plug with marginal seat
Actuation: Pressure below the valve
Type of actuator: Pneumatic membrane
Function actuator: Spring closing
Position indicator: Yes
Emergency manual operation: No
Stem seal type: Bellows
Primary spindle seal material: 1.4571
Secondary spindle seal material: Graphite
Material disc: 1.4021+QT
Seat material: 1.4551
Spindle material: 1.4571
Bellows material: 1.4571
Material bonnet: 1.0619+N
Bonnet gasket material: Graphite
Surface protection: Paint min. 30 µm

Application

- Cooling water.
- Refrigerant.
- Warm and hot water.
- Steam.
- Gas.
- Thermal oil.
- Volatile gases.

Technical Information

- Bellows shielded for pressure impulses.
- Double-walled stainless steel stem bellows up to 250°C.
- At least 10,000 operations.
- Spindle with "rear seat".
- Chambered cover seal.
- Complete stop bus as back up.
- Checked for leak-tightness by TA Luft.
- Control air connection FA160/FA250/FA400 in G 1/4".
- Control air connection FA800 in G 3/8".

Options

- Flanged connection PN25.
- Version in accordance with ASME, class 150 or 300.
- Spring opening actuator.
- Stellated valve and seat.
- 3/2-way control valve for direct mounting.
- Mechanical or electronic end position signalling system.
- Speed control valve.
- Filter reducing station with pressure gauge.

Size process connection	Pressure rating	Kv value m³/h	Closing pressure bar	Type coding actuator	Diaphragm area cm²	Pilot pressure	End contacts	Actuator material	Medium temperature °C	Article
DN15	PN40	4.7	40	FA160	160	4 - 6 bar	No	Steel	-40 / 250	13453608
DN20	PN40	6.4	40	FA160	160	4 - 6 bar	No	Steel	-40 / 250	13453609
DN25	PN40	11	26.7	FA160	160	4 - 6 bar	No	Steel	-40 / 250	13453607
DN32	PN40	15.5	18	FA160	160	4 - 6 bar	No	Steel	-40 / 250	13453610
DN32	PN40	15.5	40	FA250	250	4.5 - 6 bar	No	Steel	-40 / 250	13453611
DN40	PN40	28	20.5	FA250	250	4.5 - 6 bar	No	Steel	-40 / 250	13453612
DN40	PN40	28	40	FA400	400	4.5 - 6 bar	No	Steel	-40 / 250	13453623
DN50	PN40	42.5	11.1	FA250	250	4.5 - 6 bar	No	Steel	-40 / 250	13453624
DN65	PN40	75	1.6	FA250	250	4.5 - 6 bar	No	Steel	-40 / 250	13453625
DN65	PN40	75	14.8	FA400	400	4.5 - 6 bar	No	Steel	-40 / 250	13453626

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.

Size process connection	Pressure rating	Kv value m ³ /h	Closing pressure bar	Type coding actuator	Diaphragm area cm ²	Pilot pressure	End contacts	Actuator material	Medium temperature °C	Article
DN80	PN40	105	6.5	FA400	400	4.5 - 6 bar	No	Steel	-40 / 250	13453627
DN100	PN40	170	1.4	FA400	400	4.5 - 6 bar	No	Steel	-40 / 250	13453628
DN100	PN40	170	17.4	FA800	800	5 - 6 bar	No	Steel	-40 / 250	13453629
DN125	PN40	270	8.9	FA800	800	5 - 6 bar	No	Steel	-40 / 250	13453630
DN150	PN40	405	4.3	FA800	800	5 - 6 bar	No	Steel	-40 / 250	13453631

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.