



ARI Globe valve Type 2578 series 35.405 steel pneumatic 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: Fixed disc
Actuation: Pressure below the valve
Type of actuator: Pneumatic membrane
Function actuator: Spring closing
Position indicator: Yes
Emergency manual operation: No
Stem seal type: Roof cuffs
Primary spindle seal material: PTFE
Material disc: 1.4021+QT
Seat material: 1.4551
Spindle material: 1.4021+QT
Material bonnet: 1.0619+N
Bonnet gasket material: Graphite
Surface protection: Paint min. 30 µm
Medium temperature: -10 / 220 °C

Technical Information

- Pneumatic actuator with spring reset functionality.
- Leakage class A in accordance with DIN EN 12266.
- Options structure according to NAMUR DIN IEC 60534-6.
- Factory declaration ATEX2014/34/EU available.

Options

- Different seal variants.
- PTFE valve ring for even better sealing up to a maximum of 200°C.
- Housing made of cast iron or stainless steel, type 2576, 2577, 2579.
- Spring opening actuator.
- Mechanical or inductive limit switch.
- With stainless steel stem bellows, suitable for thermal oil or volatile gases.

Application

- Water.
- Steam.
- Refrigerant.
- Neutral liquids and gases.

DN	L [mm]	H [mm]	H [mm] with bellow
15	130	104	290
20	150	104	290
25	160	112	298
32	180	112	298
40	200	120	290
50	230	126	292
65	290	137	373
80	310	153	386
100	350	171	400
125	400	210	438
150	480	270	596

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DN	L [mm]	H [mm]	H [mm] with bellow
200	600	317	798
250	730	375	856

Size process connection	Pressure rating	Kv value m³/h	Closing pressure bar	Max. pressure difference in opened position bar	Type coding actuator	Diaphragm area cm²	Pilot pressure	End contacts	Actuator material	Article
DN40	PN40	31	28.9	2	DP32	250	3.2 - 6 bar	No	Steel	13402542
DN65	PN40	77	19.4	2	DP33	400	4.5 - 6 bar	No	Steel	13413235

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