



ARI Globe valve Type 2576 series 12.405 cast iron pneumatic flange EN (DIN) PN16

Characteristics

Function: Two-way valve
Norm: EN (DIN)
Construction type: Straight
Housing material: Cast iron
Material quality: EN-JL1040
Process connection: Flange
Standard connection: EN 1092-2
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 open
Position indicator: Yes
Emergency manual operation: No
Stem seal type: Roof cuffs
Primary spindle seal material: PTFE
Material disc: 1.4021+QT
Seat material: 1.4021+QT
Spindle material: 1.4021+QT
Material bonnet: EN-JS1049
Bonnet gasket material: Graphite
Surface protection: Paint min. 30 µm
Medium temperature: -10 / 220 °C

Application

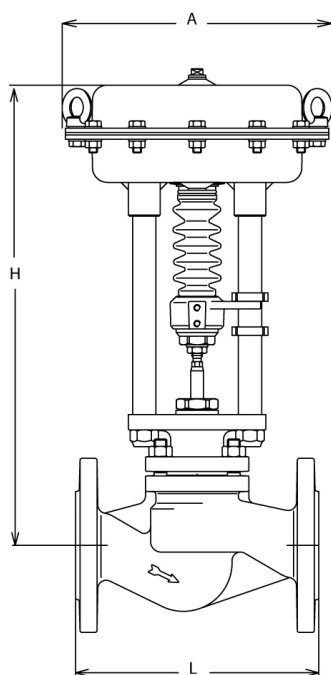
- Water.
- Steam.
- Refrigerant.
- Neutral liquids and gases.

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 ductile cast iron, steel or stainless steel, type 2577, 2578, 2579 respectively.
- Spring opening actuator.
- Mechanical or inductive limit switch.



Size table:

DN	Actuator	A mm	H mm	L mm
DN15	DP32	250	290	130
DN20	DP32	250	290	150
DN25	DP32	250	298	160
DN32	DP32	250	298	180
DN40	DP32	250	290	200
DN50	DP32	250	292	230
DN65	DP32	250	373	290
DN80	DP33	300	386	310

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
DN15	PN16	4.2	16	2	DP32	250	1.4 to 6 bar	No	Steel	13362163
DN20	PN16	7.4	16	2	DP32	250	1.4 to 6 bar	No	Steel	13410756
DN25	PN16	12	16	2	DP32	250	1.4 to 6 bar	No	Steel	11266948
DN32	PN16	19	14.3	2	DP32	250	1.4 to 6 bar	No	Steel	13410758
DN32	PN16	19	16	2	DP32	250	3.2 - 6 bar	No	Steel	12668876
DN40	PN16	31	16	2	DP32	250	3.2 - 6 bar	No	Steel	13395054
DN50	PN16	47	15.3	2	DP32	250	3.2 - 6 bar	No	Steel	12668877
DN50	PN16	47	16	2	DP32	250	4.1 - 6 bar	No	Steel	13410638
DN65	PN16	77	10.1	2	DP32	250	4.1 - 6 bar	No	Steel	12999620
DN80	PN16	120	8	2	DP33	400	3.3 - 6 bar	No	Steel	13410755
DN80	PN16	120	12.2	2	DP33	400	4.5 - 6 bar	No	Steel	13410639

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