



ADCA Globe valve Type 25782 series PV15S steel pneumatic flange ASME Class 150

Characteristics

Series: PV15S
Type: 25782
Function: Two-way valve
Norm: ASME
Construction type: Straight
Housing material: Steel
Material quality: ASTM A216 WCB/1.0619
Process connection: Flange
Standard connection: ASME B16.5
Face to Face norm: ASME/ISA-75.08.01
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 disk sealing: PTFE
Material disc: Stainless steel 316L [1.4404]/PTFE
Seat material: Stainless steel 316L [1.4404]
Spindle material: Stainless steel 316L [1.4404]
Material bonnet: ASTM A216 WCB/1.0619
Bonnet gasket material: Graphite
Surface protection: Standard manufacturers coating
Approvals: PED 2014/68/EU fluid group 2
Ambient temperature: -10 / 80 °C

Application

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

Technical Information

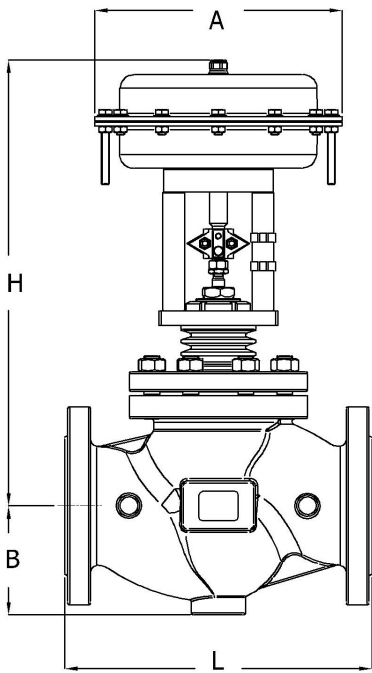
- Pneumatic actuator with spring reset functionality
- Leakage class VI in accordance with IEC 60534-4
- Option structure according to NAMUR DIN IEC 60534-6

Approval

- PED classification " ½"-2": PED SEP
- PED classification " 2½"-4": Cat. I [CE marking].

Options

- Process connection flange ASME B16.5, class 300.
- Housing made of steel [1.0619], DIN EN 1092-1 (type 25781).
- Spring opening actuator.
- Actuator made of stainless steel
- Mechanical or inductive limit switch.



Size table:

DN	Actuator	A mm	B mm	H mm	L mm	Weight kg
1/2" [15]	PA10	170	45	397	184	10.9
3/4" [20]	PA10	170	49	401	184	11.3
1" [25]	PA10	170	54	411	184	12.3
1.1/2" [40]	PA10	170	65	447	222	17.3
2" [50]	PA10	170	85	477	254	21.2
2.1/2" [65]	PA25	250	100	546	276	37.9
3" [80]	PA40	300	110	619	298	49.6
4" [100]	PA40	300	130	654	352	66.8

Pressure rating	Kv value m³/h	Closing pressure bar	Type coding actuator	Diaphragm area cm²	Pilot pressure	End contacts	Actuator material	PED classification	Medium temperature °C	Article
Class 150	5.1	19.2	PA10	100	1.4 to 6 bar	None	Steel	PED-SEP	-10 / 200	14516084
Class 150	6.3	19.2	PA10	100	1.4 to 6 bar	None	Steel	PED-SEP	-10 / 200	14516085
Class 150	10	19.2	PA10	100	1.4 to 6 bar	None	Steel	PED-SEP	-10 / 200	14516086
Class 150	25	17.9	PA10	100	1.4 to 6 bar	None	Steel	PED-SEP	-10 / 200	14516087
Class 150	40	10.2	PA10	100	1.4 to 6 bar	None	Steel	PED-SEP	-10 / 200	14516088
Class 150	63	10.3	PA25	250	1.4 to 6 bar	None	Steel	PED cat. I	-10 / 200	14516089
Class 150	100	16.2	PA40	400	1.4 to 6 bar	None	Steel	PED cat. I	-10 / 200	14516090
Class 150	160	9	PA40	400	1.4 to 4 bar	None	Steel	PED cat. I	-10 / 200	14516091

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