

Air-D

Pneumatic or electric control valves.
PN16

Air-D is a two-way single seat globe valve with cage retainer seat with in-line straight connections.
Designed to assure an accurate control in any process condition, the *Air-D* can be used with the most common process fluid such as water, steam, gas and other whether compatible with the material used. Maintenance on *Air-D* is extremely easy and fast due to “Quick-Change” trim. This system guarantees a self alignment of seat & plug without the aid of special tools.

 **14/68/EU (PED)**
Notified Body 2942

 **14/34/EU (ATEX)**
Notified Body 0948

 **Safety Integrity Level**
IEC EN 61508

Ductile iron version



Stainless Steel version

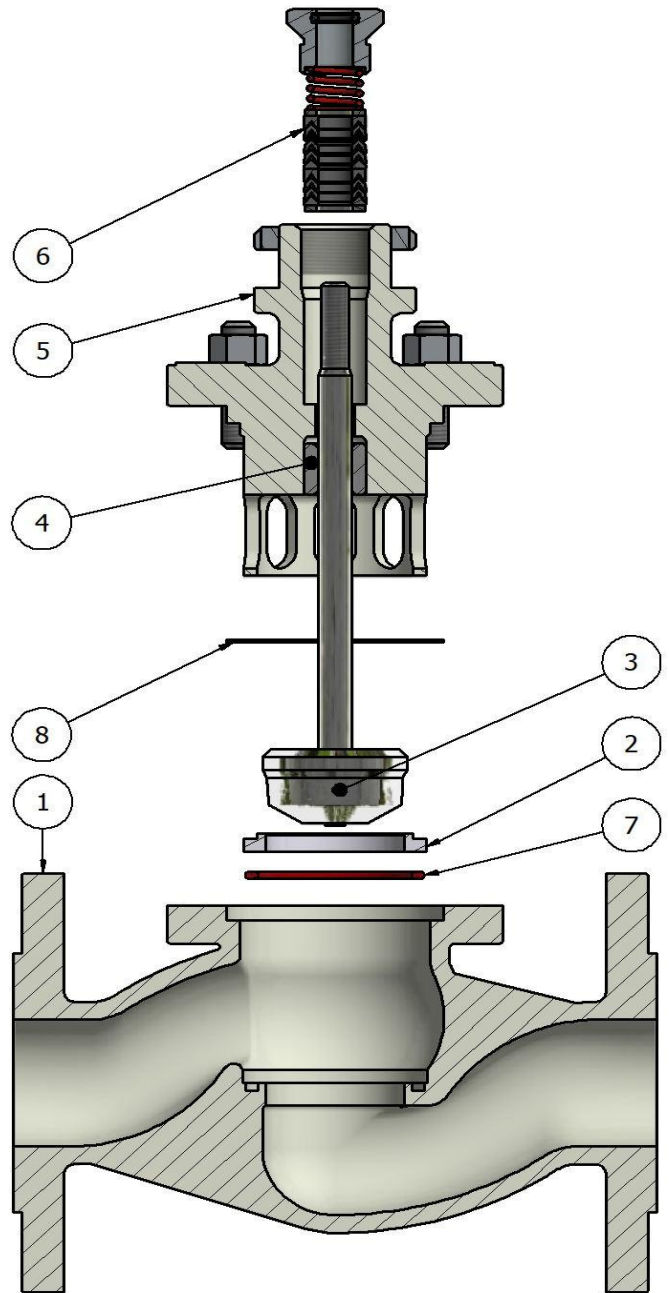


- ◆ From DN15 to DN100 PN16
- ◆ Trim “Quick-Change”
- ◆ Equal percentage trim
- ◆ Yoke and accessories connection as per CEI EN 60534-6-1 standard
- ◆ Self-adjusting stem sealing without maintenance
- ◆ Seat leakage Class: VI

VALVE BODY CHARACTERISTICS

Type	Top entry, single seated
Sizes	From DN15 to DN100
Pressure rating	PN16
Design STD	EN12516-2
Flange connections	EN 1092-2- Raised Face - 125-250 AARH phonografic finish
Body face to face	EN 558-1

1. Body Valve
2. "Quick-Change" seat
3. Plug
4. Top-guide
5. Bonnet
6. Packing
7. Seat gasket
8. Body gasket



STD BODY & TRIM MATERIALS COMBINATIONS

VALVE BODY & BONNET	TRIM	STUD	NUTS	BODY GASKETS
Spheroidal Cast Iron: EN-GJS-400-15	ASTM A182 F316	A193 B7	A194 2H	Graphite+Stainless Steel
Stainless Steel: ASTM A351 CF8M (1.4408)	ASTM A182 F316	A193 B8M	A194 8M	Graphite+Stainless Steel

PROTECTIVE COATINGS FOR CAST IRON VALVES

VALVE BODY	BONNET
- Bicomponent anticorrosive acrylic primer at high resistance	- Electrolytic zinc coatings Fe/Zn 8 c1A UNI ISO 4520
- Finish with bicomponent aliphatic acrylic enamel RAL 7021	- Bicomponent anticorrosive acrylic primer at high resistance
	- Finish with bicomponent aliphatic acrylic enamel RAL 7021

DIMENSIONS

DN	A mm	B mm	C mm	G mm
DN15	130	47.5	114,5	100
DN20	150	52.5	114,5	100
DN25	160	57.5	117,5	100
DN32	180	70	117,5	100
DN40	200	75	117,5	100
DN50	230	82.5	118.5	100
DN65 (*)	290	92.5	140.5	100
DN80	310	100	159.5	100
DN100	350	110	152.5	100

*DN65 PN16 flanged valves are supplied with 4 holes

