



AGD-30

DIRECT ACTIVATED PRESSURE REDUCING VALVE**GENERAL FEATURES**

If the working pressure for any process is less than the incoming line pressure, pressure reducing valve can set the pressure.

It is not recommended to drop incoming line pressure more than 10/1 in the pressure reducing valve. In such cases, it is better to use two pressure reducers in series.

In order to obtain dry and clean steam before the pressure reducer, the condensate which has formed as a result of steam condensation on the steam separator must be discharged.

If it is a sensitive process, it is appropriate to use safety valve after pressure reducer.

Advantages

- It is not affected by inlet pressure and flow rate changes.
- Sensitive pressure controlling for outlet is the best choice for pressure control
- For steam, compressed air etc.
- Pressure set range is between 0,2-10 bar with 3 different springs.
- Easy mounting.
- Easy to setting.

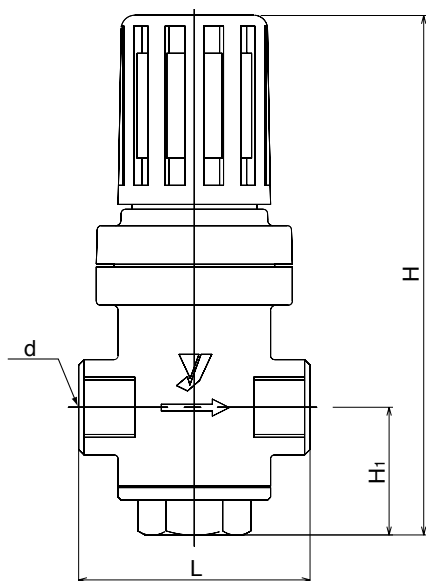
Application Areas

- Textile
- Energy
- Rafines
- Petro-chemical
- Marine
- Chemical
- Food
- Paper
- Etc.

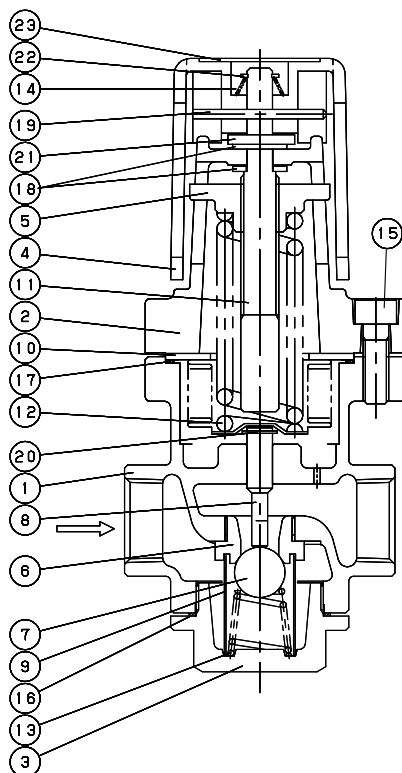
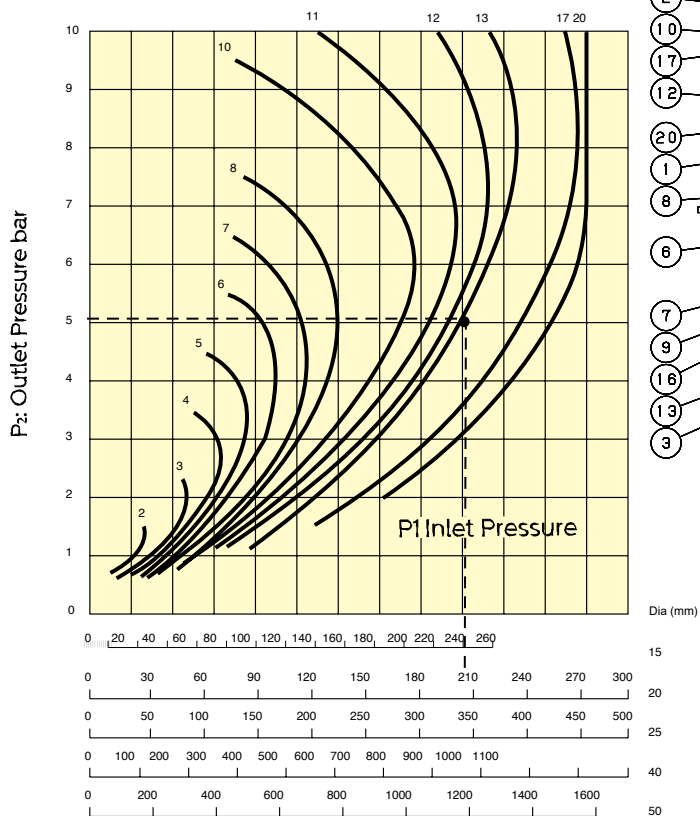
TECHNICAL SPECIFICATIONS

Connection	Threaded
Pressure Class	PN20
Inlet Pressure	17 bar
Outlet Pressure of Springs	(A) 0,2-1 bar / (B) 0,5-4 bar / (C) 3,5-10 bar
Max. Working Temperature	210°C
Body	Brass Casting
Stem, Seat	Stainless Steel
Bellow Seal	Phosphor Brass
Usage Area	Steam - Air

AGD-30 DIRECT ACTIVATED PRESSURE REDUCING VALVE



Dia (mm)	d (inch)	L (mm)	H (mm)	H1 (mm)	Weight (kg)
15	1/2"	80	191	47	1,9
20	3/4"	85	191	47	1,9
25	1"	95	191	47	2,0
40	1 1/2"	140	307	77	10,1
50	2"	150	307	77	10,4



Part	Material
1 Body	Bronze
2 Spring Cover	Aluminum
3 Cover	Brass
4 Handle	Polycarbonate
5 Plate	Cast iron
6 Surface	Stainless Steel
7 Valve	Stainless Steel
8 Stem	Stainless Steel
9 Seperator	Stainless Steel
10 Seal	Phosphor Bronze
11 Set Bolt	Carbon Steel
12 Spring	Steel
13 Spring	Stainless Steel
14 Spring	Stainless Steel
15 Bolt	Carbon Steel
16 Gasket	Copper
17 Gasket	Copper
18 Tightness Gasket	Stainless Steel
19 Pin	Stainless Steel
20 E-Ring	Stainless Steel
21 Spring Pin	Stainless Steel
22 Nut	Stainless Steel
23 Name Plate	Aluminum

Selection Example

Amount of steam 180 kg/h, inlet pressure 13 bar, outlet pressure 5 bar

Answer: DN15 AGD-30



HEAD OFFICE - FACTORY

Atatürk Sanayi Bölgesi Hadımköy Mahallesi Mustafa İnan Caddesi No: 44 Arnavutköy - İSTANBUL
Tel: +90 212 771 01 45 (pbx) | Fax: +90 212 771 47 27
info@ayvaz.com | www.ayvaz.com

Caserta/Italy

Tel: +39 0823 187 3988
rmolaro@ayvaz.com

Moscow/Russia

Tel: +74959951728
ayvazrus@ayvaz.com

Viernheim/Germany

Tel: +49 62046014399
germany@ayvaz.com

Kiev/Ukraine

Tel: +380 44 390 57 57
info@ayvaz.com.ua

Warsaw/Poland

Tel: +48-32-783-295-1
tricorr@tricorr.eu

Dubai/U.A.E

Tel: +971 563550822
+971 501306871
mideast@ayvaz.com

Cixi City/China

Tel: +86 574-58973851
info@ayvazchina.com

Kazakhstan

Tel: +7 (701) 066 066 1
+90 (533) 760 34 66
celyas@ayvaz.com

Isperih/Bulgaria

Tel: +359 8431 27 32
office@ayvaz-n.eu

Belgrad/Serbia

Tel: +381 61 658 70 52
yakbiyik@ayvaz.com