

Ref. : DP5241.pas

Rev. : Initial

Date : 21/05/2015

Page : 1/1

FLANGED PRESSURE REDUCING VALVE

DP5241



Tecofi
VALVE DESIGNER - FRANCE

APPLICATION

General use: reducing valve for saturated steam, compressed air or other gases compatible with the construction.

GENERAL CHARACTERISTICS

Range from DN15 to DN25.
Compact design.
Bellows specially designed for high durability.
Built-in strainer
Maximum reducing ratio: 10:1.
Horizontal installation.

CONSTRUCTION

16	Handwheel	Plastic
15	Locknut	Stainless steel 304
14	Top spring plate	Brass
13	Adjustment spring	Steel
12	Bellows	Inox 316 TI
11	Stop ring	Stainless steel 304
10	Guide bush	PTFE
9	Cover bolt	Steel 8.8
8	Cap gasket	Stainless steel
7	Bottom cap	Carbon steel A105
6	Pushrod	Stainless steel 316
5	Strainer screen	Stainless steel 304
4	Return spring	Stainless steel 302
3	Seat	Stainless steel 316
2	Cover	Ductile iron GJS-400-15
1	Body	Steel P250GH
Pos.	Description	Material



DIMENSIONS

DN		A	B	C	E	F	KVs	Pressure range	Weight (kg)
mm	inch								
15	1/2"	150	65	175	48	74	2	1,4 - 4	4,2
20	3/4"	150	65	175	52,5	74	3		4,8
25	1"	160	65	175	57,5	74	3		5,6

WORKING CONDITIONS

Maximum working temperature : +210°C

Maximum upstream pressure : 17 bar

Maximum downstream pressure : 8.6 bar

Minimum downstream pressure : 0.14 bar.

STANDARDS

Flanged connection according to EN 1092-1.

