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# PRESSURE REDUCING VALVE

## DP5142



**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 DN 1/2" to DN 1".  
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
<b>Pos.</b>	<b>Description</b>	<b>Material</b>



### DIMENSIONS

DN		A	B	C	F	KVs	Pressure range	Weight (kg)
mm	inch							
15	1/2"	90	65	175	74	2	3,5 - 8,6	2,7
20	3/4"	90	65	175	74	3		2,7
25	1"	100	65	175	74	3		3,0

### 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

Threaded female connection according to ISO 7/1Rp (BS 21).

