

Ref. : DP5141.pas

Rev. : Initial

Date : 19/05/2015

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PRESSURE REDUCING VALVE

DP5141



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 |
| Pos. | Description | Material |

DIMENSIONS

| DN | | A | B | C | F | KVs | Pressure range | Weight (kg) |
|----|------|-----|----|-----|----|-----|----------------|-------------|
| mm | inch | | | | | | | |
| 15 | 1/2" | 90 | 65 | 175 | 74 | 2 | 1,4 - 4 | 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).

