

Ref. : DP 4243.pas

Rev. : Initial

Date : 26/09/2016

Page : 1/1

# FLANGED PN25 DIRECT ACTION PRESSURE REDUCING VALVE

## DP 4243



### APPLICATION

General use: ironing machines, laundries and dry cleaners', cooking vats, textile machinery, drying cylinders, autoclaves, steam ovens, distilleries, heat exchangers, the food industry, chemical laboratories, etc.

### GENERAL CHARACTERISTICS

Materials carefully selected for resistance to wear, extreme temperatures and corrosion. Simplicity of design, ensuring minimum maintenance requirements. Easy installation; may be assembled in any position, even upside down. Easy to adjust. The valves are supplied unregulated, but with the corresponding spring, duly identified, for the required pressure reduction. Self-centring lock, independent of axis, designed to guarantee absolute precision of regulation at the most demanding points. Stainless steel bellows welded to the plasma.



### CONSTRUCTION

11	Handwheel	Aluminium	EN-AC-44200
10	Control nut	Carbon steel	EN-1.1191
9	Axis	Stainless steel	EN-1.4404
8	Nut	Carbon steel	EN-1.1191
7	Bellow	Stainless steel	EN-1.4571
6	Guide	PTFE	
5	Filter	Stainless steel	EN-1.4301
4	Spring press	Stainless steel	EN-1.4404
3	Seat	Stainless steel	EN-1.4542
2	Bonnet	Aluminium	EN-AC-44200
1	Body	Ductile iron	EN-5.3105
Pos.	Description	Material	

### DIMENSIONS

DN	K	D	d1	b	H	H1	h	L	B	Kvs (m3/h)	Weight (kg)
15	65	95	14	16	57	150	25	150	75	1,50	3,60
20	75	105	14	18	57	150	25	150	75	2,50	3,65
25	85	115	14	18	57	150	25	160	75	3,00	4,73

### WORKING CONDITIONS

Maximum working conditions: -10°C / 210°C  
 Maximum inlet pressure: 17 bar  
 Minimum reducing pressure: 0.14 bar

Springs regulation limit :  
 0.14 à 1.70 bar  
 1.40 à 4.00 bar  
 3.50 à 8.60 bar

### STANDARDS

Flange connection ISO PN25 according to standard EN 1092-1 .

