

THREAD CONNECTION DIRECT ACTION PRESSURE REDUCTING VALVE

DP 4143

Ref. : DP 4143.pas

Rev. : Initial

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PA Ventiler AB

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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	H	H1	h	L	B	Kvs (m3/h)	Weight (kg)
1/2"	57	150	25	85	75	1,50	1,98
3/4"	57	150	25	95	75	2,50	2,05
1"	57	150	25	105	75	3,00	2,29

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

Female threaded connection BSP suivant ISO 228/1.

