

PRESSURE REDUCTING VALVE

PN 40

DP 1101

Ref. : DP 1101.pas

Rev. : D

Date : 20/11/2014



PA Ventil AB

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APPLICATION

- General use : thermal system, sanitary, high pressure.

GENERAL CHARACTERISTICS

- From DN 1/2" to DN 4".
- PN 40.

CONSTRUCTION

Pos.	Qty.	Description	Material
6	1	Cover	Brass CW614N UNI EN 12164
5	1	Stem	Brass CW614N UNI EN 12164
4	1	Seat	Stainless steel AISI 303
3	1	Gasket	Nitril
2	1	Cover	Brass CW617N UNI EN 12165
1	1	Body	Brass CW617N UNI EN 12165

DIMENSIONS

DN		L	A	B	C
mm	inch				
15	1/2"	95	97	58.5	78
20	3/4"	95	97	58.5	78
25	1"	95	101.5	64.5	78
32	1" 1/4	116	165	68.5	92.5
40	1" 1/2	122	175	73	92.5
50	2"	126	175	73	92.5
65	2" 1/2	180	274.5	103	186
80	3"	188	274.5	103	186
100	4"	202	274.5	103	186

WORKING CONDITIONS

PS maxi : 40 bar.
T maxi : + 80°C.

Upstream pressure : 40 bar

Downstream pressure : DN15-25 : 0,8 - 5,5 bar.
DN32-100 : 0,8-7 bar

Test procedures are established according to standards
EN 12266-1, DIN 3230, BS 5154 and ISO 5208 :

- Body : 60 bar.
- Seat : 44 bar.

STANDARDS

BSP threaded according to standard ISO 228-1.

