

DOWNSTREAM PRESSURE REDUCING VALVE

DP 3240

Ref. : DP 3240.pas

Rev. : D

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PA Ventil AB

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APPLICATION

Downstream pressure reducing valve.

GENERAL CHARACTERISTICS

Epoxy coated ductile iron body and bonnet.
Stainless steel seat, EPDM gasket.
Simple and robust design.
Flanged ends - PN 16.

CONSTRUCTION

11	1	Locknut	Stainless steel AISI 303/304
10	1	Air vent	Stainless steel AISI 303/304
9	1	Seat	Stainless steel AISI 303/304
8	1	Screw	Stainless steel AISI 303/304
7	1	Spring guide	Stainless steel AISI 303/304
6	1	Bonnet	Ductile iron GGG 40
5	1	Spring	Steel
4	1	Piston	Bronze ASTM B62
3	1	Seal carrier	Stainless steel AISI 303/304
2	1	Gasket	EPDM
1	1	Body	Ductile iron GGG 40
Pos.	Nb.	Description	Material

DIMENSIONS

DN		L	H maxi	B	Weight (kg)
mm	inch				
40	1"1/2	230	325	83	13
50	2"	230	325	83	13
65	2" 1/2	240	400	93	18
80	3"	260	460	100	27
100	4"	280	575	110	45
125	5"	320	815	125	90
150	6"	350	815	143	100

WORKING CONDITIONS

Maximum working pressure : 16 bar.
Maximum temperature : + 60°C.

Upstream pressure : 16 bar.
Downstream pressure : 2 - 14 bar (with a single spring).

Pressure test according to standards
EN 12266-1, DIN 3230, BS 6755 and ISO 5208 :
Body : 24 bar.
Seat : 17,6 bar.

STANDARDS

Flanges drilled according to standard EN 1092-2
ISO PN 16.

