



## SPR40 type CARBON STEEL SEPARATOR

Model/Ref: 1560A015



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Without Limits.*

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## SPR40 type CARBON STEEL SEPARATOR

### CHARACTERISTICS

The SPR40 separator is used to eliminate water, oil and dust particles on steam and compressed air distribution pipework. It permits to get a clean fluid and protects the downstream sensitive equipment such as pressure reducers, control valves, instrumentation equipment. In case of use on steam, it permits to get a dry steam and thus improves heat exchange efficiency.

The SPR separator is dimensioned according to the AD Merkblatt 2000 code and the EC 97/23 Directive. It has a carbon steel construction with flanged connections. The device lowest point has to be equipped with a condensate drain for steam and liquid drain for compressed air. The highest point can be equipped with various accessories.

It is necessary to think about an adequate support of the separator, based on its weight.



### AVAILABLE ITEMS

DN 15 to DN 100 PN40 flanged connection

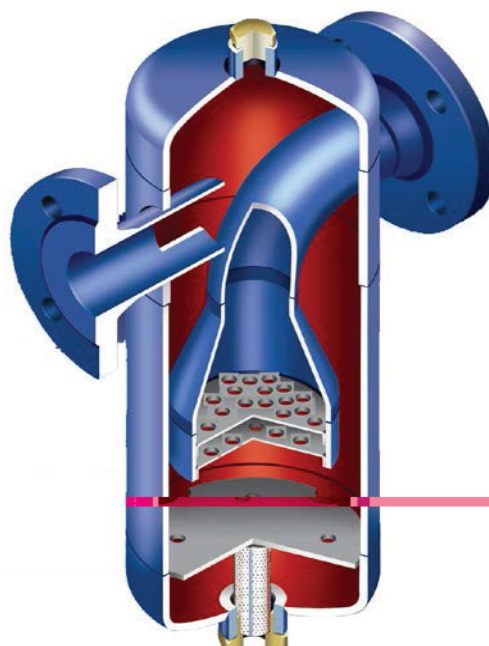
DN 100 to DN 150 carbon steel and stainless steel on request

### EC 97/23 DIRECTIVE CATEGORY

DN	15	20	25	32	40	50	65	80	100	125	150
Category	Cat. I	Cat. I	Cat. I	Cat. II	Cat. II	Cat. II	Cat. II	Cat. III	Cat. III	Cat. III	Cat. III

### LIMITS OF USE

Max. allowable AIR pressure	40 bar
Max. allowable AIR temperature	20 °C
Max. allowable STEAM pressure	32 bar
Max. allowable STEAM temperature	250 °C
Hydraulic test pressure	60 bar



### CONSTRUCTION

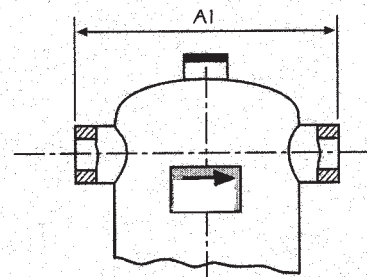
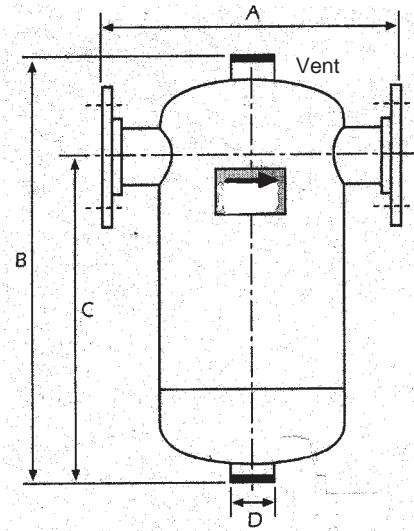
Body	Carbon steel
Base	Carbon steel
Flanges	Carbon steel

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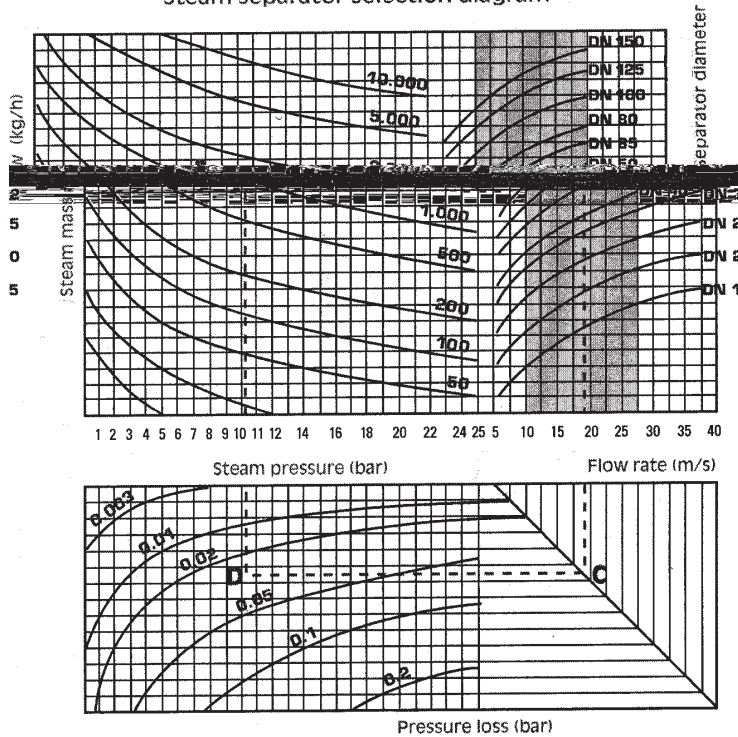
### DIMENSIONS (mm)

DN	A	A1	B	C	V (l)	Vent	Purge
15	180	120	324	242	1.5	1/2"	1/2"
20	230	150	389	298	3	1"	1/2"
25	230	160	384	306	3.1	1"	1/2"
32	250	200	426	315	5.2	1"	1/2"
40	300	220	467	346	8.9	1"	1/2"
50	300	220	493	384	9.7	1"	1/2"
65	400	-	616	481	19.4	1"1/2	3/4"
80	450	-	683	520	34.8	1"1/2	3/4"
100	500	-	782	589	57.8	2"	1"
125	600	-	937	725	83.8	2"	1"
150	600	-	1037	817	124.4	2"	1"



### SIZING CHART

Steam separator selection diagram



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