

# Self Cleaning Suction Strainer

## CBT 1000, 1800, 3600, 5400

Séparation : Liquid/Solid  
Matériel : SUCTION STRAINER  
Média : Permanent  
Bach-Flush Cleaning

### Use :

Water intake from river, lake, etc.

Pre-filtration

Backwash cleaning with pressure 3 to 5 bar.

- ◆ Also possibility of special versions for low pressure in case of installations having available cleaning (washing) pressure between 1 & 3 bar. *(Please contact us for available range of screen meshes and flow-rates)*

### Construction :

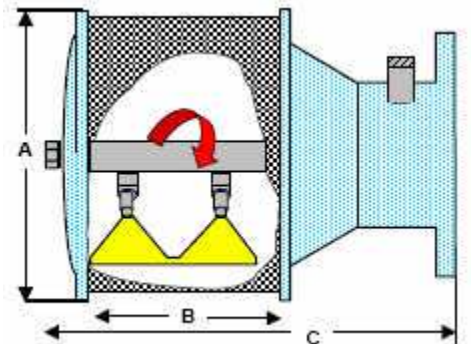
Filtration screen, rotation axe and fasteners :

Stainless steel 304 & 316L

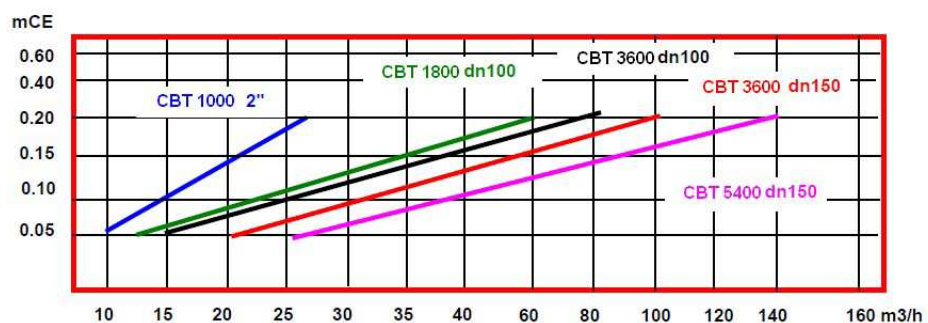
Housing (frame), flanges : Polyurethane

Back flush arm : 3/4" stainless steel (CBT 1000, 1800 and 3600 with DN 100), 1 1/4" (CBT 3600 DN 150 and CBT 5400)

**Attention** : The cleaning water has to be filtrated at 500 µ.  
*(Supplied on request)*



MODEL CBT	Filtration area	filtration	Max. Flow rate @ 125 µ	Max. Flow rate @ 315 µ/ 450 µ	Max. Flow rate @ 630 µ/ 1000 µ	Flow rate for Back-Flush @ 3 bar	IN / OUT	A	B	C
1000	1000 cm <sup>2</sup>	125µ to 2000µ	10 m <sup>3</sup> /h	20 m <sup>3</sup> /h	25 m <sup>3</sup> /h	2 m <sup>3</sup> /h	Flanged DN 100	340	100	300
1800	1800 cm <sup>2</sup>	125µ to 2000µ	20 m <sup>3</sup> /h	40 m <sup>3</sup> /h	60 m <sup>3</sup> /h	5 m <sup>3</sup> /h	Flanged DN 100	340	180	420
3600 DN 100	3600 cm <sup>2</sup>	125µ to 2000µ	40 m <sup>3</sup> /h	80 m <sup>3</sup> /h	80 m <sup>3</sup> /h	7 m <sup>3</sup> /h	Flanged DN 100	340	368	600
3600 DN 150	3600 cm <sup>2</sup>	125µ to 2000µ	40 m <sup>3</sup> /h	80 m <sup>3</sup> /h	100 m <sup>3</sup> /h	7 m <sup>3</sup> /h	Flanged DN 150	340	368	610
5400	5400 cm <sup>2</sup>	125µ to 2000µ	50 m <sup>3</sup> /h	90 m <sup>3</sup> /h	130 m <sup>3</sup> /h	9 m <sup>3</sup> /h	Flanged DN 150	340	572	820



### Minimum information & characteristics to provide for quotation :

Type of the fluid and use.  
Nominal & design pressure.

Nominal & design flow rate.  
Requested filtration rate.