

Candle Filter (BCF-18)

Technical data

Tajhiz Sanat Baran Co.

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PERFORMANCE DATA AND DIMENSIONS

Type	Candle length	Candle area	Number of candles	Active filter area (total)	Vessel diameter	Vessel length
BCF 12	- - - mm	- - - m ²	- -	- - m ²	- - mm	- - m
			- -	- - m ²	- - mm	- - m
			- -	- - m ²	- - mm	- - m
BCF 18	1000 mm	6.2 m ²	36	6.2 m ²	950 mm	1.5 m
			- -	- - m ²	- - mm	- - m
			- -	- - m ²	- - mm	- - m
			- -	- - m ²	- - mm	- - m
BCF 21	- - - mm	- - - m ²	- -	- - m ²	- - mm	- - m
			- -	36.6 m ²	1,500 mm	4.2 m
			- -	46.2 m ²	1,600 mm	4.3 m
			- -	54.6 m ²	1,800 mm	4.5 m
			- -	67.2 m ²	2,000 mm	4.7 m
			144	86.4 m ²	2,200 mm	4.9 m
BCF 24	- - - mm	- - - m ²	221	132.6 m ²	2,600 mm	5.6 m
			49	33.3 m ²	1,300 mm	4.3 m
			61	41.5 m ²	1,500 mm	4.5 m
			77	52.4 m ²	1,600 mm	4.6 m
			91	61.9 m ²	1,800 mm	4.8 m
			112	76.2 m ²	2,000 mm	5 m
			144	97.9 m ²	2,200 mm	5.2 m
			221	150.3 m ²	2,600 mm	5.9 m

PROCESS CRITERIA

		BCF 18
Mode of operation	batch	Batch
Operating pressure	up to 10 bar (g)	4 - 6 bar (g)
Operating temperature	up to 250 °C	50 - 60 C
Solids content (suspension)	up to 10% (weight)	By Client
Cake thickness	up to 30 mm	up to 20 mm
Particle size	starting from 0.5 µm	with Pre-coat
Filtration capacity – suspension	0.1 - 10 m ³ /m ² h	1.6 m ³ /m ² h
Filtration capacity – dry solid	–	8 - 10 m ³ /h
Active filter area (total)	1 - 150 m ²	6.2 m ²

All specifications apply to the standard design.
Technical data for customized designs may differ from the specified data.
All technical data may change due to development.
Subject to modification without notice.



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