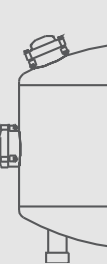
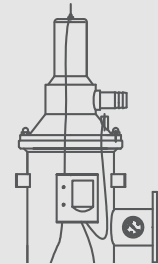
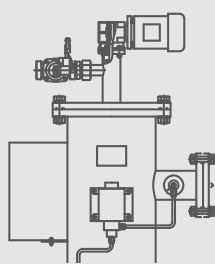
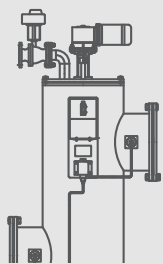
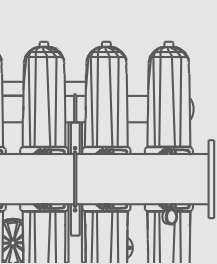
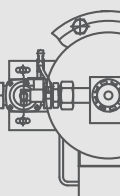
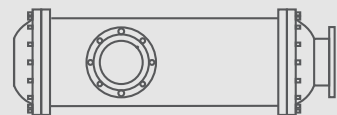
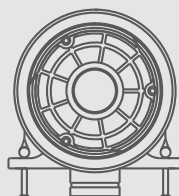
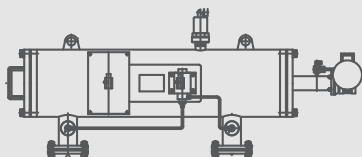
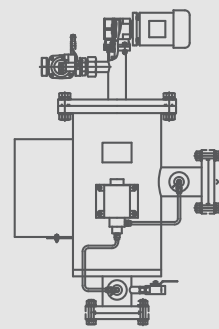
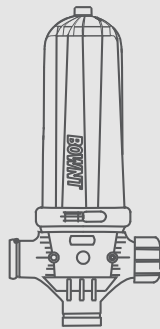
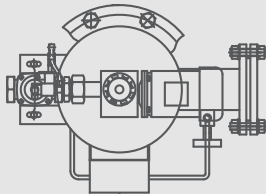
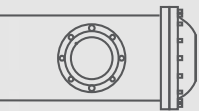
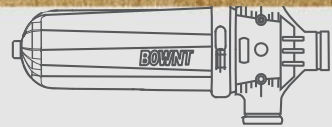
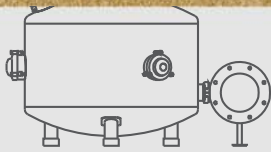




BOWNT

BOS-EBF



BOS-EBF

BOS-EBF is an electric brush self-cleaning screen filter, F type.



MAIN FEATURES:

- Electric drive, horizontal installation, reliable and durable brush cleaning system.
- High efficiency, energy saving and low water consumption .
- Back washing cycle can be automatic activated by differential pressure and timing, without an interruption of filtration.
- Flange standard: ANSI B16.5/DIN2576/GB9119.
- Filtration grade optional for 50、 100、 200、 300、 500、 800、 1500、 2500、 3500 micron and etc.
- Filter screen & shaft are made of SS 316L, optional for duplex 2205 and super duplex 2507.
- Filter housing is made of high quality carbon steel with anticorrosive treatment, optional for SS 316L, duplex 2205 and super duplex 2507.
- Max. working pressure: 145psi (1.0MPa) as standard, optional for 232psi (1.6MPa) and 362.5psi (2.5MPa)
- High anti-corrosive or explosion-proof requirements can be customized.
- All filters apply to hydraulic test before shipment to ensure a high quality.

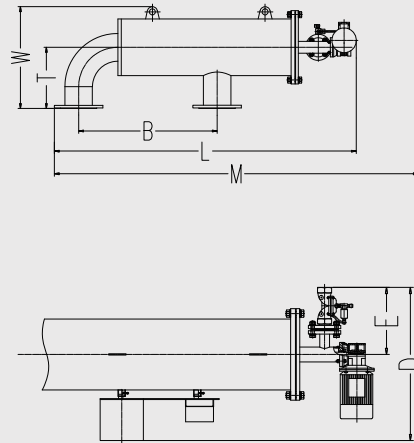
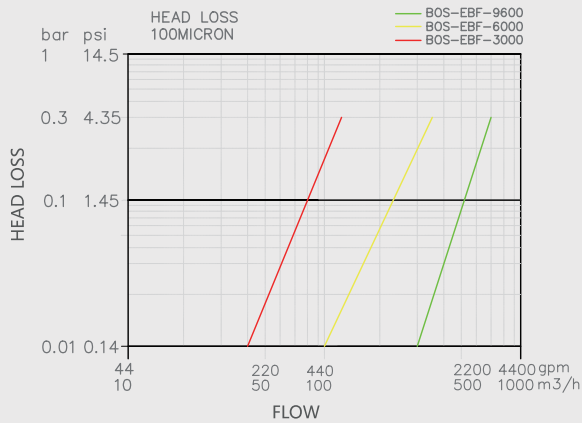
MAIN PARAMETERS

Max. working pressure psi (MPa)	145 (1.0) /232 (1.6) /362.5 (2.5)
Min. back washing pressure psi (MPa)	29 (0.2)
Inlet/Outlet flange inch (mm)	3"-24" (DN80-DN600)
Housing diameter inch (mm)	10"-36" (Φ273-Φ916)
Flowrate gpm (m³/h)	≤10560 (2400)
Filtration surface inch² (cm²)	465-2790 (3000-18000)
Filtartion grade (um)	50-3500
Back washing mode	Differential Pressure / Timing / Manual
Max. working temperature °F (°C)	158 (70)
Rated operating voltage	3 PHASE, 220/380V, 50HZ
Motor power hp (kw)	0.24-1.02 (0.18-0.75)
Control unit voltage	220V AC

Model	Max. Flow		Filtration surface	Connection (DN/PN1.0)		Back washing cycle			
				Inlet-Outlet	Drain	Flow	Time	Water consumption	Power
	(gpm)	(m³h)	inch² (cm²)	inch (mm)	inch (mm)	gpm (l/s)	(s)	gal (l)	hp (kw)
BOS-EBF3000/3C	264	60	465 3000	3" 80	1" 25	126.8 8	15	31.70 120	0.24 0.18
BOS-EBF3000/4C	352	80	465 3000	4" 100	1" 25	126.8 8	15	31.70 120	0.24 0.18
BOS-EBF6000/6C	704	160	930 6000	6" 150	1.5" 40	126.8 8	15	31.70 120	0.50 0.37
BOS-EBF6000/8C	1320	300	930 6000	8" 200	1.5" 40	126.8 8	15	31.70 120	0.50 0.37
BOS-EBF9600/10C	1980	450	1488 9600	10" 250	2" 50	158.5 10	30	79.26 300	0.50 0.37
BOS-EBF9600/12C	2860	650	1488 9600	12" 300	2" 50	158.5 10	30	79.26 300	0.50 0.37

Model	Dimensions							Weight (kg)	
	L	W	D	B	E	T	M	Net	With water
	inch (mm)	inch (mm)	inch (mm)	inch (mm)	inch (mm)	inch (mm)	inch (mm)		
BOS-EBF3000/3C	46.26 1175	18.74 476	24.06 611	19.69 500	9.45 240	11.02 280	78.74 2000	95	125
BOS-EBF3000/4C	46.34 1177	18.74 476	24.06 611	19.69 500	9.45 240	11.02 280	78.74 2000	105	135
BOS-EBF6000/6C	68.70 1745	23.03 585	27.64 702	31.50 800	12.09 307	13.78 350	118.11 3000	170	252
BOS-EBF6000/8C	72.83 1850	21.65 550	27.64 702	31.50 800	12.09 307	12.40 315	118.11 3000	195	277
BOS-EBF9600/10C	78.54 1995	34.45 875	33.27 845	39.37 1000	15.75 400	18.11 460	125.98 3200	260	401
BOS-EBF9600/12C	82.48 2095	34.45 875	33.27 845	39.37 1000	15.75 400	18.11 460	137.80 3500	260	401

Notice: The maximum flow rate and cleaning data is based on the data of 100 micron filtration grade and good water quality. The actual filtration flow and the selected filtration grade are related to water quality. Please refer to our company for details.



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