

BOS-EBT series electric brush self-cleaning screen filter, T type.

BOS-EBT es filtro de malla autolimpiante con cepillo, eléctrico, con instalación vertical, Tipo T.



## Technical Data

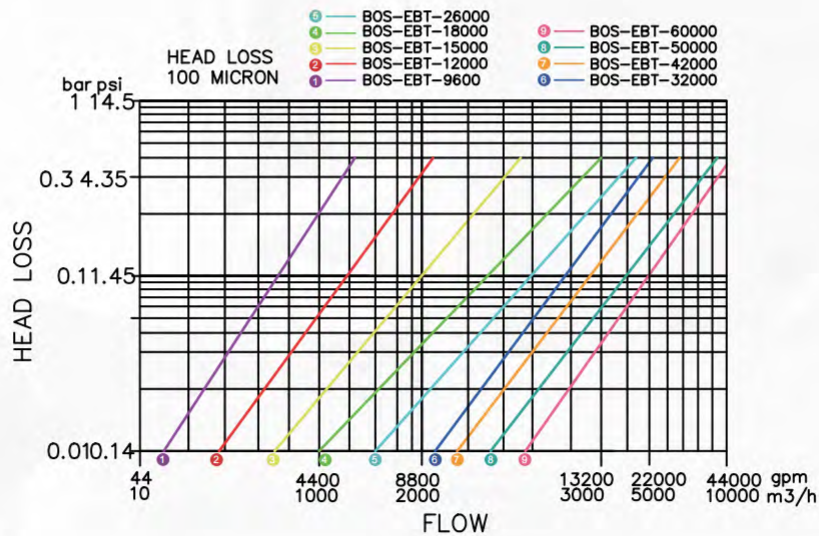
### Datos Técnicos

Max. Working Pressure psi / Presión Máx. de Trabajo psi ( MPa )	145 ( 1.0 ) / 232 ( 1.6 ) / 362.5 ( 2.5 )
Min. Cleaning Pressure psi / Presion Min. de Lavado psi ( MPa )	14.5 ( 0.1 )
Inlet/Outlet Flange inch / Brida Entrada/Salida Pulgadas ( mm )	10"-40" ( DN250-DN1000 )
Housing Diameter inch / Diametro Carcasa Pulgadas ( mm )	17"-80" ( $\Phi$ 426- $\Phi$ 2032 )
Flowrate gpm / Caudal gpm ( m <sup>3</sup> /h )	≤30820 ( 7000 )
Filtration Area inch <sup>2</sup> / Superficie de Filtracion pulgada <sup>2</sup> ( cm <sup>2</sup> )	1488-9300 ( 9600-60000 )
Micron Rating / Grado Micron ( $\mu$ m )	20-3500
Cleaning Mode / Modo Limpieza	Differential Pressure / Timing / Manual Presión Diferencial / Calendario / Manual
Max. Working Temperature °F / Temperatura Max. de Trabajo °F ( °C )	158 ( 70 )
Rated Voltage / Tensión Nominal de Funcionamiento	3-phase / De 3 Fases, 380 / 400V, 50HZ
Motor Power hp / Potencia del Motor ( kw )	0.5-2.99 ( 0.37-2.2 )
Control Voltage / Tensión de Control	220V / 230V AC

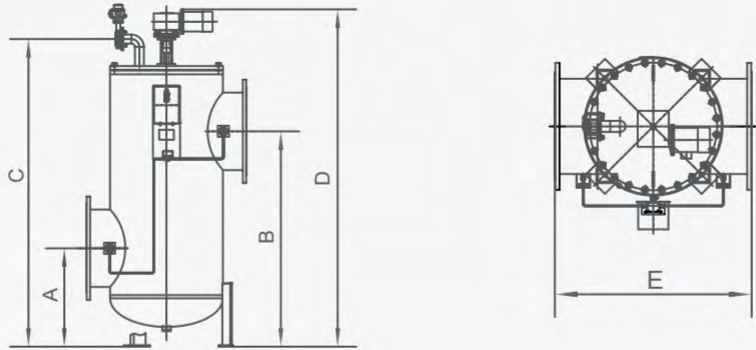
Model Modelo	Max. Flow Caudal Max.		Filtration Surface Superficie Filtrada	Connection / Conexion (DN/PN1.0)		Cleaning Cycle Ciclo de Limpieza			
	gpm	m <sup>3</sup> /h	inch <sup>2</sup> (cm <sup>2</sup> )	Inlet-Outlet Entrada-Salida inch (mm)	Drain Drenaje inch (mm)	Flow Caudal gpm (l/s)	Time Tiempo (s)	Water Consumption Consumo De Agua gal (l)	Power Potencia hp(kw)
BOS-EBT9600/10C	1980	450	1488 9600	10" 250	2" 50	79.3 4.5	30	29 135	0.50 0.37
BOS-EBT9600/12C	2860	650	1488 9600	12" 300	2" 50	79.3 4.5	30	29 135	0.50 0.37
BOS-EBT12000/14C	3960	900	1860 12000	14" 350	2" 50	79.3 5	30	39.63 150	0.75 0.55
BOS-EBT12000/16C	5280	1200	1860 12000	16" 400	2" 50	79.3 5	30	39.63 150	0.75 0.55
BOS-EBT15000/18C	6600	1500	2325 15000	18" 450	2.5" 65	126.8 8	40	84.5 320	1.02 0.75
BOS-EBT15000/20C	8800	2000	2325 15000	20" 500	2.5" 65	126.8 8	40	84.5 320	1.02 0.75
BOS-EBT18000/24C	10560	2400	2790 18000	24" 600	2.5" 65	126.8 8	40	84.5 320	1.02 0.75
BOS-EBT26000/24C	12320	2800	4030 26000	24" 600	2.5" 65	126.8 8	40	84.5 320	1.02 0.75
BOS-EBT32000/28C	14080	3200	4960 32000	28" 700	3" 80	190 12	60	190.2 720	1.50 1.1
BOS-EBT42000/32C	16720	3800	6510 42000	32" 800	3" 80	190 12	60	190.2 720	2.04 1.5
BOS-EBT50000/36C	22000	5000	7750 50000	36" 900	3.9" 100	317 20	60	317 1200	2.04 1.5
BOS-EBT60000/40C	30800	7000	9300 60000	40" 1000	3.9" 100	317 20	60	317 1200	2.99 2.2

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

Nota: Los datos del caudal maximo y limpieza se basan en los datos de 100 micrones como grado de filtrado y la buena calidad del agua. El caudal real y su grado filtrado seleccionados estan relacionados con la calidad del agua. Pongase en contacto con nuestra empresa para obtener mas detalles.



Dimensions | Dimensiones



Model / Modelo	Dimensions / Dimensiones					Empty Weight Peso Vacio (kg)	With Water Con Agua (kg)
	A	B	C	D	E		
BOS-EBT9600/10C	19.69 500	45.28 1150	74.41 1890	83.70 2126	33.46 850	290	505
BOS-EBT9600/12C	19.69 550	45.28 1150	74.41 1890	83.70 2126	33.46 850	320	535
BOS-EBT12000/14C	21.65 550	55.12 1400	80.79 2052	89.92 2284	41.34 1050	480	980
BOS-EBT12000/16C	21.65 700	55.12 1400	80.79 2052	89.92 2284	41.34 1050	520	1020
BOS-EBT15000/18C	27.56 700	62.99 1600	92.13 2340	101.69 2583	47.24 1200	950	2200
BOS-EBT15000/20C	27.56 800	62.99 1600	92.13 2340	101.69 2583	47.24 1200	1000	2240
BOS-EBT18000/24C	31.50 800	68.90 1750	98.43 2500	107.87 2740	51.18 1300	1250	2550
BOS-EBT26000/24C	31.50 500	69.29 1760	98.82 2510	108.27 2750	51.97 1320	1300	2600
BOS-EBT32000/28C	57.36 1457	57.36 1457	7.87 200	118.90 3020	70.87 1800	2500	5500
BOS-EBT42000/32C	63.31 1608	63.31 1608	7.87 200	134.06 3405	78.74 2000	3500	8500
BOS-EBT50000/36C	68.50 1740	68.50 1740	7.87 200	162.91 4138	86.61 2200	4580	11500
BOS-EBT60000/40C	78.74 2000	78.74 2000	7.87 200	180.71 4590	94.49 2400	6200	12000



# BOS-EBT