

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

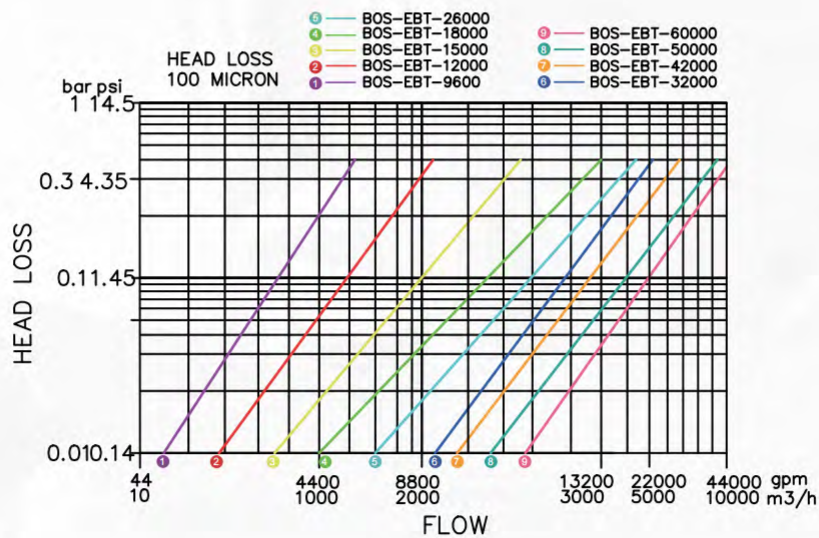
### Datos Técnicos

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

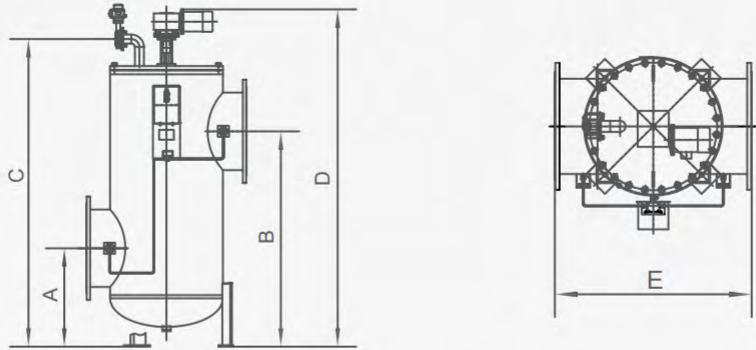
Notice: The maximum flow rate and cleaning data is based on 100 micron for the filtration grade and good water quality. The actual filtration flow and the filtration grade are related to water quality. Please refer to our company for details.

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



# BOS-EBT