

BOS-CBV series electric brush self-cleaning screen filter, vertical type.

BOS-CBV es filtro de malla autolimpiante con cepillo, eléctrico, con instalación vertical.



Technical Data

Datos Técnicos

| | |
|---------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Max. Working Pressure psi / Presión Máx. de Trabajo psi (MPa) | 145 (1.0) |
| Min. Cleaning Pressure psi / Presion Min. de Lavado psi (MPa) | 14.5 (0.1) |
| Inlet/Outlet Flange inch / Brida Entrada/Salida Pulgadas (mm) | 2"-24" (DN50-DN600) |
| Housing Diameter inch / Diametro Carcasa Pulgadas (mm) | 6"-36" (Φ159-Φ916) |
| Flowrate gpm / Caudal gpm (m³/h) | ≤12320 (2800) |
| Filtration Area inch² / Superficie de Filtracion pulgada² (cm²) | 279-4030 (1800-26000) |
| Micron Rating / Grado Micron (μm) | 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) | 0.12-1.02 (0.09-0.75) |
| 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 ³ /h | inch ² (cm ²) | 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-CBV1000/2C | 110 | 25 | 155 1000 | 2" 50 | 1" 25 | 19 1.2 | 15 | 4.76 18 | 0.12 0.09 |
| BOS-CBV1800/3C | 220 | 50 | 124 800 | 3" 80 | 1" 25 | 19 1.2 | 15 | 4.76 18 | 0.24 0.18 |
| BOS-CBV1800/4C | 352 | 80 | 279 1800 | 4" 100 | 1" 25 | 19 1.2 | 15 | 4.76 18 | 0.24 0.18 |
| BOS-CBV3000/4C | 352 | 80 | 465 3000 | 4" 100 | 1.5" 40 | 47.6 3 | 15 | 11.89 45 | 0.24 0.18 |
| BOS-CBV3000/6C | 704 | 160 | 465 3000 | 6" 150 | 1.5" 40 | 47.6 3 | 15 | 11.89 45 | 0.24 0.18 |
| BOS-CBV5000/6C | 704 | 160 | 775 5000 | 6" 150 | 1.5" 40 | 47.6 3 | 15 | 11.89 45 | 0.36 0.25 |
| BOS-CBV5000/8C | 1320 | 300 | 775 5000 | 8" 200 | 1.5" 40 | 47.6 3 | 15 | 11.89 45 | 0.36 0.25 |
| BOS-CBV6000/6C | 704 | 160 | 930 6000 | 6" 150 | 1.5" 40 | 47.6 3 | 15 | 11.89 45 | 0.36 0.25 |
| BOS-CBV6000/8C | 1320 | 300 | 930 6000 | 8" 200 | 1.5" 40 | 47.6 3 | 15 | 11.89 45 | 0.36 0.25 |
| BOS-CBV6000/10C | 1980 | 450 | 930 6000 | 10" 250 | 2" 50 | 79.3 5 | 30 | 39.63 150 | 0.50 0.37 |
| BOS-CBV7800/10C | 1980 | 450 | 1209 7800 | 10" 250 | 2" 50 | 79.3 5 | 30 | 39.63 150 | 0.50 0.37 |
| BOS-CBV7800/12C | 2860 | 650 | 1209 7800 | 12" 300 | 2" 50 | 79.3 5 | 30 | 39.63 150 | 0.50 0.37 |
| BOS-CBV7800/14C | 3960 | 900 | 1209 7800 | 14" 350 | 2" 50 | 79.3 5 | 30 | 39.63 150 | 0.50 0.37 |
| BOS-CBV9600/10C | 1980 | 450 | 1488 9600 | 10" 250 | 2" 50 | 79.3 5 | 30 | 39.63 150 | 0.50 0.37 |
| BOS-CBV9600/12C | 2860 | 650 | 1488 9600 | 12" 300 | 2" 50 | 79.3 5 | 30 | 39.63 150 | 0.50 0.37 |
| BOS-CBV9600/14C | 3960 | 900 | 1488 9600 | 14" 350 | 2" 50 | 79.3 5 | 30 | 39.63 150 | 0.50 0.37 |
| BOS-CBV10600/12C | 2860 | 650 | 1643 10600 | 12" 300 | 2" 50 | 79.3 5 | 30 | 39.63 150 | 0.50 0.37 |
| BOS-CBV10600/14C | 3960 | 900 | 1643 10600 | 14" 350 | 2" 50 | 79.3 5 | 30 | 39.63 150 | 0.50 0.37 |
| BOS-CBV12000/14C | 3960 | 900 | 1860 12000 | 14" 350 | 2" 50 | 79.3 5 | 30 | 39.63 150 | 0.75 0.55 |
| BOS-CBV12000/16C | 5280 | 1200 | 1860 12000 | 16" 400 | 2" 50 | 79.3 5 | 30 | 39.63 150 | 0.75 0.55 |
| BOS-CBV12000/18C | 6600 | 1500 | 1860 12000 | 18" 450 | 2.5" 65 | 126.8 8 | 60 | 126.8 480 | 1.02 0.75 |
| BOS-CBV15000/16C | 5280 | 1200 | 2325 15000 | 16" 400 | 2.5" 65 | 126.8 8 | 60 | 126.8 480 | 1.02 0.75 |
| BOS-CBV15000/18C | 6600 | 1500 | 2325 15000 | 18" 450 | 2.5" 65 | 126.8 8 | 60 | 126.8 480 | 1.02 0.75 |
| BOS-CBV15000/20C | 8800 | 2000 | 2325 15000 | 20" 500 | 2.5" 65 | 126.8 8 | 60 | 126.8 480 | 1.02 0.75 |
| BOS-CBV18000/24C | 10560 | 2600 | 2790 18000 | 24" 600 | 2.5" 65 | 126.8 8 | 60 | 126.8 480 | 1.02 0.75 |
| BOS-CBV26000/24C | 12320 | 2800 | 4030 26000 | 24" 600 | 2.5" 65 | 126.8 8 | 60 | 126.8 480 | 1.02 0.75 |

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.

