



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

ВОШНТ серия самоочищающихся сетчатых фильтров с электрической щеткой, вертикального типа.

## Technical Data

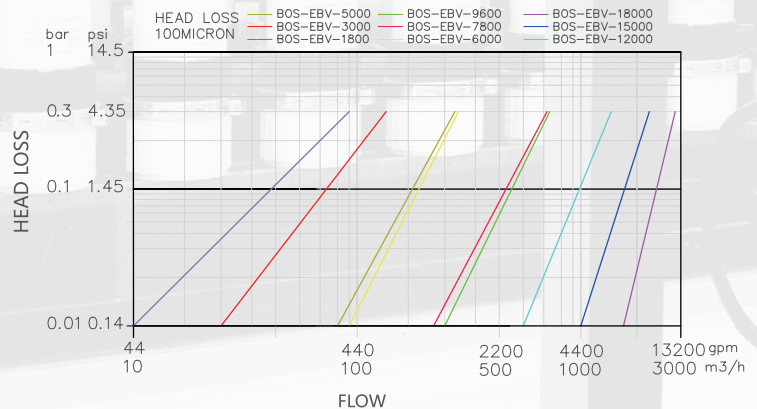
### Технические данные

|                                                                       |                                                                                       |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Max. Working Pressure / Максимальное рабочее давление psi ( MPa )     | 145 ( 1.0 ) / 232 ( 1.6 ) / 362.5 ( 2.5 )                                             |
| Min. Cleaning Pressure / Минимальное давление очистки psi ( MPa )     | 14.5 ( 0.1 )                                                                          |
| Inlet/Outlet Flange / Фланец входа/выхода inch ( mm )                 | 3"-24" ( DN80-DN600 )                                                                 |
| Housing Diameter / Диаметр корпуса inch( mm )                         | 8"-36" ( Ф219-Ф916 )                                                                  |
| Flowrate / Расход gpm ( m³/h )                                        | ≤12320 ( 2800 )                                                                       |
| Filtration Area / Площадь фильтрации inch² ( cm² )                    | 279-4030 ( 1800-26000 )                                                               |
| Micron Rating / Рейтинг микрон ( μm )                                 | 20-3500                                                                               |
| Cleaning Mode / Режим очистки                                         | Differential Pressure / Timing / Manual<br>Дифференциальное давление / Время / Ручной |
| Max. Working Temperature / Максимальная рабочая температура °F ( °C ) | 158 ( 70 )                                                                            |
| Rated Voltage / Номинальное напряжение                                | 3-phase / De 3 Fases, 380 / 400V, 50HZ                                                |
| Motor Power / Мощность двигателя hp (kw)                              | 0.12-1.02 ( 0.09-0.75 )                                                               |
| Control Voltage / Напряжение управления                               | 220V / 230V AC                                                                        |

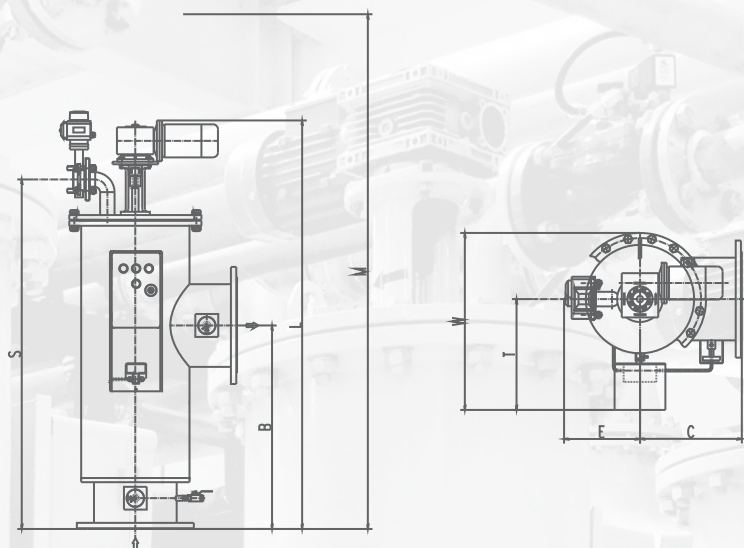
| Model<br>Модель  | Max. Flow<br>Максимальный расход |      | Filtration Surface<br>Поверхность фильтрации | Connection / Соединение<br>(DN/PN1.0)   |                            | Cleaning Cycle<br>Цикл очистки |                      |                                                  |                             |
|------------------|----------------------------------|------|----------------------------------------------|-----------------------------------------|----------------------------|--------------------------------|----------------------|--------------------------------------------------|-----------------------------|
|                  | gpm                              | m³/h | inch²<br>(cm²)                               | Inlet-Outlet<br>Вход-Выход<br>inch (mm) | Drain<br>Слив<br>inch (mm) | Flow<br>Поток<br>gpm (l/s)     | Time<br>Время<br>(s) | Water Consumption<br>Потребление воды<br>gal (l) | Power<br>Мощность<br>hp(kw) |
| BOS-EBV1800/3C   | 220                              | 50   | 124<br>800                                   | 3"<br>80                                | 1"<br>25                   | 19<br>1.2                      | 15                   | 4.76<br>18                                       | 0.24<br>0.18                |
| BOS-EBV1800/4C   | 352                              | 80   | 279<br>1800                                  | 4"<br>100                               | 1"<br>25                   | 19<br>1.2                      | 15                   | 4.76<br>18                                       | 0.24<br>0.18                |
| BOS-EBV3000/4C   | 352                              | 80   | 465<br>3000                                  | 4"<br>100                               | 1.5"<br>40                 | 47.6<br>3                      | 15                   | 11.89<br>45                                      | 0.24<br>0.18                |
| BOS-EBV3000/6C   | 704                              | 160  | 465<br>3000                                  | 6"<br>150                               | 1.5"<br>40                 | 47.6<br>3                      | 15                   | 11.89<br>45                                      | 0.24<br>0.18                |
| BOS-EBV5000/6C   | 704                              | 160  | 775<br>5000                                  | 6"<br>150                               | 1.5"<br>40                 | 47.6<br>3                      | 15                   | 11.89<br>45                                      | 0.36<br>0.25                |
| BOS-EBV5000/8C   | 1320                             | 300  | 775<br>5000                                  | 8"<br>200                               | 1.5"<br>40                 | 47.6<br>3                      | 15                   | 11.89<br>45                                      | 0.36<br>0.25                |
| BOS-EBV6000/6C   | 704                              | 160  | 930<br>6000                                  | 6"<br>150                               | 1.5"<br>40                 | 47.6<br>3                      | 15                   | 11.89<br>45                                      | 0.36<br>0.25                |
| BOS-EBV6000/8C   | 1320                             | 300  | 930<br>6000                                  | 8"<br>200                               | 1.5"<br>40                 | 47.6<br>3                      | 15                   | 11.89<br>45                                      | 0.36<br>0.25                |
| BOS-EBV6000/10C  | 1980                             | 450  | 930<br>6000                                  | 10"<br>250                              | 2"<br>50                   | 79.3<br>5                      | 30                   | 39.63<br>150                                     | 0.36<br>0.25                |
| BOS-EBV7800/10C  | 1980                             | 450  | 1209<br>7800                                 | 10"<br>250                              | 2"<br>50                   | 79.3<br>5                      | 30                   | 39.63<br>150                                     | 0.50<br>0.37                |
| BOS-EBV7800/12C  | 2860                             | 650  | 1209<br>7800                                 | 12"<br>300                              | 2"<br>50                   | 79.3<br>5                      | 30                   | 39.63<br>150                                     | 0.50<br>0.37                |
| BOS-EBV7800/14C  | 3960                             | 900  | 1209<br>7800                                 | 14"<br>350                              | 2"<br>50                   | 79.3<br>5                      | 30                   | 39.63<br>150                                     | 0.50<br>0.37                |
| BOS-EBV9600/10C  | 1980                             | 450  | 1488<br>9600                                 | 10"<br>250                              | 2"<br>50                   | 79.3<br>5                      | 30                   | 39.63<br>150                                     | 0.50<br>0.37                |
| BOS-EBV9600/12C  | 2860                             | 650  | 1488<br>9600                                 | 12"<br>300                              | 2"<br>50                   | 79.3<br>5                      | 30                   | 39.63<br>150                                     | 0.50<br>0.37                |
| BOS-EBV9600/14C  | 3960                             | 900  | 1488<br>9600                                 | 14"<br>350                              | 2"<br>50                   | 79.3<br>5                      | 30                   | 39.63<br>150                                     | 0.50<br>0.37                |
| BOS-EBV10600/12C | 2860                             | 650  | 1643<br>10600                                | 12"<br>300                              | 2"<br>50                   | 79.3<br>5                      | 30                   | 39.63<br>150                                     | 0.50<br>0.37                |
| BOS-EBV10600/14C | 3960                             | 900  | 1643<br>10600                                | 14"<br>350                              | 2"<br>50                   | 79.3<br>5                      | 30                   | 39.63<br>150                                     | 0.50<br>0.37                |
| BOS-EBV12000/14C | 3960                             | 900  | 1860<br>12000                                | 14"<br>350                              | 2"<br>50                   | 79.3<br>5                      | 30                   | 39.63<br>150                                     | 1.02<br>0.75                |
| BOS-EBV12000/16C | 5280                             | 1200 | 1860<br>12000                                | 16"<br>400                              | 2"<br>50                   | 79.3<br>5                      | 30                   | 39.63<br>150                                     | 1.02<br>0.75                |
| BOS-EBV12000/18C | 6600                             | 1500 | 1860<br>12000                                | 18"<br>450                              | 2.5"<br>65                 | 126.8<br>8                     | 60                   | 126.8<br>480                                     | 1.02<br>0.75                |
| BOS-EBV15000/16C | 5280                             | 1200 | 2325<br>15000                                | 16"<br>400                              | 2.5"<br>65                 | 126.8<br>8                     | 60                   | 126.8<br>480                                     | 1.02<br>0.75                |
| BOS-EBV15000/18C | 6600                             | 1500 | 2325<br>15000                                | 18"<br>450                              | 2.5"<br>65                 | 126.8<br>8                     | 60                   | 126.8<br>480                                     | 1.02<br>0.75                |
| BOS-EBV15000/20C | 8800                             | 2000 | 2325<br>15000                                | 20"<br>500                              | 2.5"<br>65                 | 126.8<br>8                     | 60                   | 126.8<br>480                                     | 1.02<br>0.75                |
| BOS-EBV18000/24C | 10560                            | 2600 | 2790<br>18000                                | 24"<br>600                              | 2.5"<br>65                 | 126.8<br>8                     | 60                   | 126.8<br>480                                     | 1.02<br>0.75                |
| BOS-EBV26000/24C | 12320                            | 2800 | 4030<br>26000                                | 24"<br>600                              | 2.5"<br>65                 | 126.8<br>8                     | 60                   | 126.8<br>480                                     | 1.02<br>0.75                |

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.

Примечание: Максимальный расход и данные по очистке основаны на данных с фильтрационным классом 100 микрон и хорошим качеством воды. Фактический расход фильтрации и выбранный класс фильтрации зависят от качества воды. Пожалуйста, обратитесь в нашу компанию для получения подробной информации.

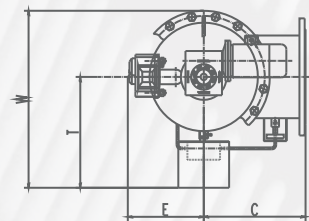
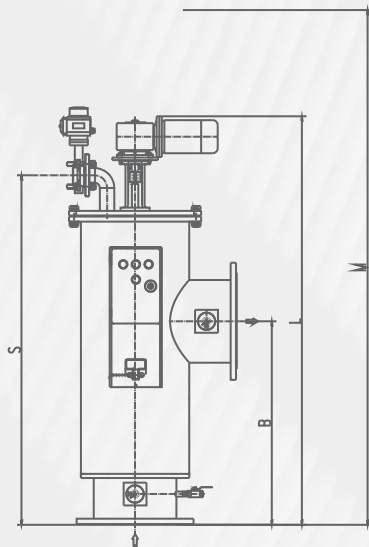


## Dimensions | Размеры



|                 | Dimensions / Размеры |              |              |              |               |              |              |              |                | Empty Weight<br>Пустой вес<br>(kg) | With Water<br>С водой<br>(kg) |
|-----------------|----------------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|----------------|------------------------------------|-------------------------------|
|                 | inch ( mm )          |              |              |              |               |              |              |              |                |                                    |                               |
| Model / Модель  | L                    | W            | D            | B            | S             | C            | E            | T            | M              |                                    |                               |
| BOS-EBV1800/3C  | 35.51<br>902         | 16.02<br>407 | 23.62<br>600 | 15.75<br>400 | 27.17<br>690  | 11.02<br>280 | 12.60<br>320 | 8.86<br>225  | 59.06<br>1500  | 66                                 | 86                            |
| BOS-EBV1800/4C  | 35.51<br>902         | 16.02<br>407 | 23.62<br>600 | 15.75<br>400 | 27.17<br>690  | 11.02<br>280 | 12.60<br>320 | 8.86<br>225  | 59.06<br>1500  | 70                                 | 90                            |
| BOS-EBV3000/4C  | 43.54<br>1106        | 20.28<br>515 | 25.59<br>650 | 15.75<br>400 | 31.93<br>811  | 12.21<br>310 | 13.39<br>340 | 13.07<br>332 | 66.93<br>1700  | 105                                | 135                           |
| BOS-EBV3000/6C  | 43.54<br>1106        | 20.28<br>515 | 25.59<br>650 | 15.75<br>400 | 31.93<br>811  | 12.21<br>310 | 13.39<br>340 | 13.07<br>332 | 66.93<br>1700  | 140                                | 170                           |
| BOS-EBV5000/6C  | 56.69<br>1440        | 23.43<br>595 | 25.98<br>660 | 25.59<br>650 | 47.64<br>1210 | 13.78<br>350 | 12.20<br>310 | 15.16<br>385 | 110.24<br>2800 | 160                                | 240                           |
| BOS-EBV5000/8C  | 56.69<br>1440        | 23.43<br>595 | 25.98<br>660 | 25.59<br>650 | 47.64<br>1210 | 13.78<br>350 | 12.20<br>310 | 15.16<br>385 | 110.24<br>2800 | 175                                | 255                           |
| BOS-EBV6000/6C  | 53.66<br>1363        | 25.79<br>655 | 25.04<br>636 | 23.62<br>600 | 41.93<br>1065 | 15.04<br>382 | 10<br>254    | 15.79<br>401 | 82.68<br>2100  | 198                                | 260                           |
| BOS-EBV6000/8C  | 53.66<br>1363        | 25.79<br>655 | 25.04<br>636 | 23.62<br>600 | 41.93<br>1065 | 15.04<br>382 | 10<br>254    | 15.79<br>401 | 82.68<br>2100  | 208                                | 275                           |
| BOS-EBV6000/10C | 53.66<br>1363        | 25.79<br>655 | 25.04<br>636 | 23.62<br>600 | 41.93<br>1065 | 15.04<br>382 | 10<br>254    | 15.79<br>401 | 82.68<br>2100  | 230                                | 300                           |
| BOS-EBV7800/10C | 55.24<br>1403        | 28.74<br>730 | 29.06<br>738 | 23.62<br>600 | 43.82<br>1113 | 16.81<br>427 | 12.24<br>311 | 17.24<br>438 | 86.61<br>2200  | 210                                | 360                           |
| BOS-EBV7800/12C | 55.24<br>1403        | 28.74<br>730 | 29.06<br>738 | 23.62<br>600 | 43.82<br>1113 | 16.81<br>427 | 12.24<br>311 | 17.24<br>438 | 86.61<br>2200  | 230                                | 385                           |
| BOS-EBV7800/14C | 55.24<br>1403        | 28.74<br>730 | 29.06<br>738 | 23.62<br>600 | 43.82<br>1113 | 16.81<br>427 | 12.24<br>311 | 17.24<br>438 | 86.61<br>2200  | 270                                | 430                           |
| BOS-EBV9600/10C | 61.46<br>1561        | 28.74<br>730 | 29.06<br>738 | 23.62<br>600 | 50.24<br>1276 | 16.81<br>427 | 12.24<br>311 | 17.24<br>438 | 98.43<br>2500  | 240                                | 390                           |
| BOS-EBV9600/12C | 61.46<br>1561        | 28.74<br>730 | 29.06<br>738 | 23.62<br>600 | 50.24<br>1276 | 16.81<br>427 | 12.24<br>311 | 17.24<br>438 | 98.43<br>2500  | 280                                | 430                           |
| BOS-EBV9600/14C | 61.46<br>1561        | 28.74<br>730 | 29.06<br>738 | 23.62<br>600 | 50.24<br>1276 | 16.81<br>427 | 12.24<br>311 | 17.24<br>438 | 98.43<br>2500  | 320                                | 470                           |

| Model / Модель   | Dimensions / Размеры inch ( mm ) |               |               |               |               |              |              |              |                | Empty Weight<br>Пустой вес<br>(kg) | With Water<br>С водой<br>(kg) |
|------------------|----------------------------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|----------------|------------------------------------|-------------------------------|
|                  | L                                | W             | D             | B             | S             | C            | E            | T            | M              |                                    |                               |
| BOS-EBV10600/12C | 63.39<br>1661                    | 28.74<br>730  | 29.06<br>738  | 23.62<br>600  | 54.17<br>1376 | 16.81<br>427 | 12.24<br>311 | 17.24<br>438 | 106.3<br>2700  | 300                                | 480                           |
| BOS-EBV10600/14C | 63.39<br>1661                    | 28.74<br>730  | 29.06<br>738  | 23.62<br>600  | 54.17<br>1376 | 16.81<br>427 | 12.24<br>311 | 17.24<br>438 | 106.3<br>2700  | 340                                | 530                           |
| BOS-EBV12000/14C | 67.13<br>1705                    | 41.34<br>1050 | 41.93<br>1065 | 31.5<br>800   | 56.1<br>1425  | 23.23<br>590 | 18.7<br>475  | 23.43<br>595 | 98.43<br>2500  | 440                                | 700                           |
| BOS-EBV12000/16C | 67.13<br>1705                    | 41.34<br>1050 | 41.93<br>1065 | 31.5<br>800   | 56.1<br>1425  | 23.23<br>590 | 18.7<br>475  | 23.43<br>595 | 98.43<br>2500  | 460                                | 730                           |
| BOS-EBV12000/18C | 67.13<br>1705                    | 41.34<br>1050 | 41.93<br>1065 | 31.5<br>800   | 56.1<br>1425  | 23.23<br>590 | 18.7<br>475  | 23.43<br>595 | 98.43<br>2500  | 480                                | 780                           |
| BOS-EBV15000/16C | 72.13<br>1832                    | 41.69<br>1059 | 41.81<br>1062 | 35.43<br>900  | 61.1<br>1552  | 23.23<br>590 | 18.7<br>475  | 23.43<br>595 | 108.27<br>2750 | 720                                | 1200                          |
| BOS-EBV15000/18C | 72.13<br>1832                    | 41.69<br>1059 | 41.81<br>1062 | 35.43<br>900  | 61.1<br>1552  | 23.23<br>590 | 18.7<br>475  | 23.43<br>595 | 108.27<br>2750 | 740                                | 1220                          |
| BOS-EBV15000/20C | 72.13<br>1832                    | 41.69<br>1059 | 41.81<br>1062 | 35.43<br>900  | 61.1<br>1552  | 23.23<br>590 | 18.7<br>475  | 23.43<br>595 | 108.27<br>2750 | 765                                | 1250                          |
| BOS-EBV18000/24C | 75.39<br>1915                    | 46.42<br>1179 | 47.48<br>1206 | 37.4<br>950   | 64.37<br>1635 | 25.59<br>650 | 21.89<br>556 | 26.42<br>671 | 118.11<br>3000 | 1000                               | 1600                          |
| BOS-EBV26000/24C | 81.22<br>2063                    | 49.17<br>1249 | 54.72<br>1390 | 43.31<br>1100 | 72.05<br>1830 | 29.53<br>750 | 25.20<br>640 | 30.71<br>780 | 120.47<br>3060 | 1200                               | 1800                          |



# BOS-EBV

