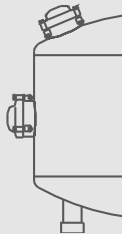
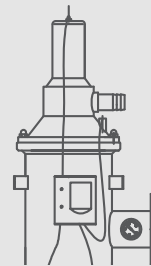
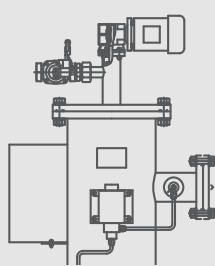
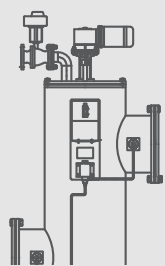
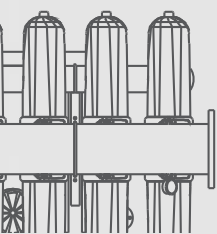
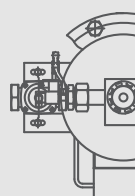
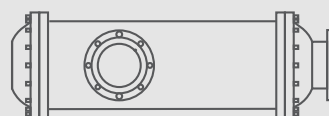
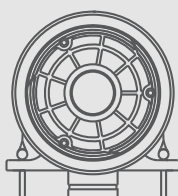
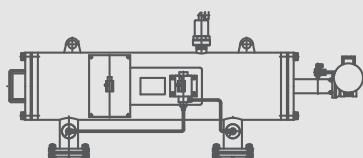
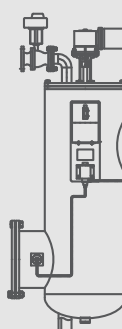
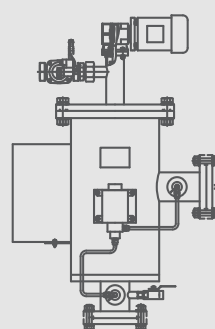
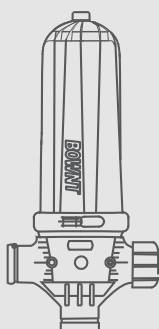
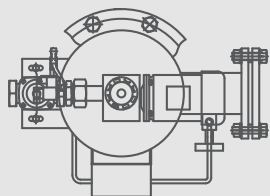
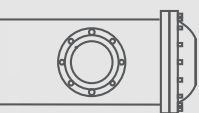
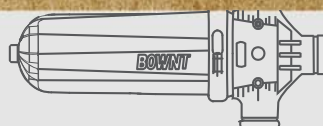
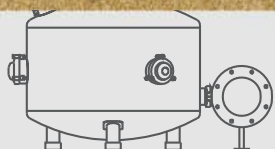
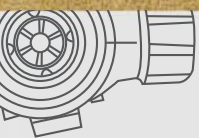




BOWNT

BOS-HSV



BOS-HSV

BOS-HSV is a hydraulic suction selfcleaning screen filter, vertical type.



MAIN FEATURES:

- Hydraulic drive, vertical installation, reliable and durable suction cleaning system.
- Free of external power supply 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, 80, 100, 130, 200, 300, 500, 800, 1500, microns 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: 116psi (0.8MPa) as standard, optional for 232psi (1.6MPa)
- High anti-corrosive or explosion-proof requirements can be customized.
- All filters apply to hydraulic test before shipment to ensure a high quality.

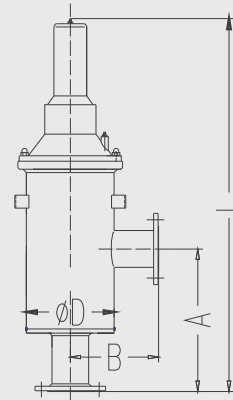
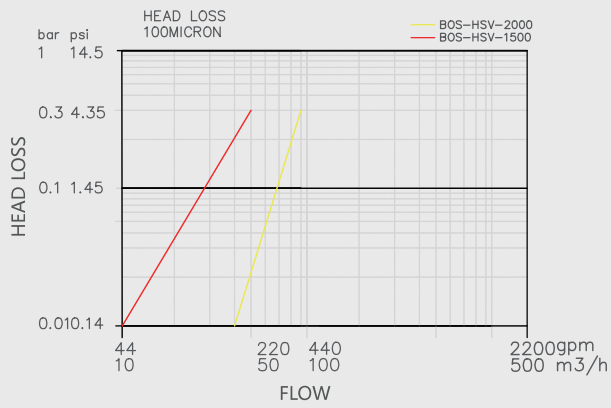
MAIN PARAMETERS

Max. working pressure psi (MPa) : 116 (0.8) /232 (1.6)
 Min. back washing pressure psi (MPa) : 36 (0.25)
 Inlet/Outlet flange inch (mm) : 2"-4" (DN50-DN100)
 Housing diameter inch (mm) : 10" (Φ273)
 Flowrate gpm (m³/h) : ≤308 (70)
 Filtration surface inch² (cm²) : 232-310 (1500-2000)
 Filtration grade (um) : 50-1500
 Back washing mode : Differential Pressure / Timing / Manual
 Max. working temperature °F (°C) : 158 (70)
 Control unit voltage : Battery & 220V AC

Model	Max. Flow		Filtration surface inch ² (cm ²)	Connection (DN/PN1.0)		Back washing cycle		
	(gpm)	(m ³ h)		Inlet- Outlet inch (mm)	Drain inch (mm)	Flow gpm (l/s)	Time (s)	Water consumption gal (l)
BOS-HSV1500/2C	110	25	232.5 1500	2" 50	1.5" 25	31.7 2	15	7.93 30
BOS-HSV1500/3C	176	40	232.5 1500	3" 80	1.5" 25	31.7 2	15	7.93 30
BOS-HSV2000/3C	220	50	310 2000	3" 80	1.5" 25	31.7 2	15	7.93 30
BOS-HSV2000/4C	308	70	310 2000	4" 100	1.5" 25	31.7 2	15	7.93 30

Model	Dimensions			Weight (kg)	
	L	A	B	Net	With water
	inch (mm)	inch (mm)	inch (mm)		
BOS-HSV1500/2C	36.22 920	15.35 390	10.63 270	31	70
BOS-HSV1500/3C	36.22 920	15.35 390	10.63 270	35	75
BOS-HSV2000/3C	40.16 1020	17.32 440	10.63 270	40	95
BOS-HSV2000/4C	40.16 1020	17.32 440	10.63 270	45	100

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



BOWNT

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