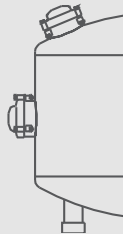
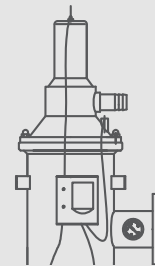
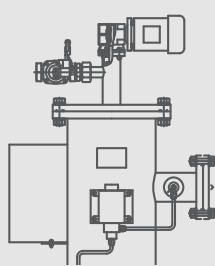
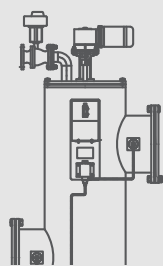
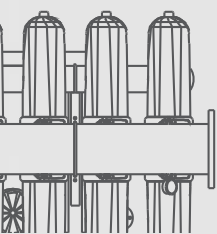
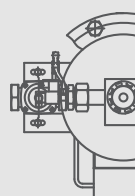
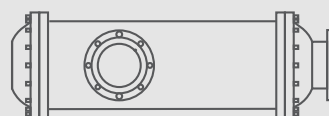
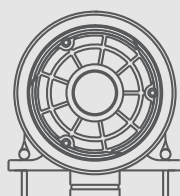
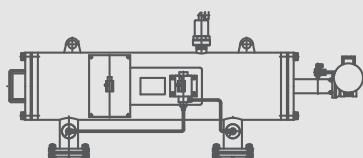
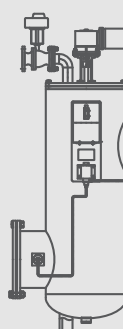
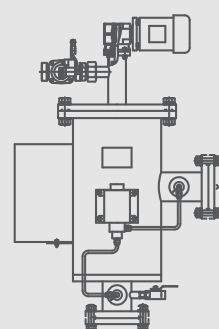
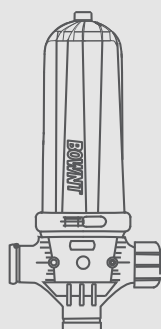
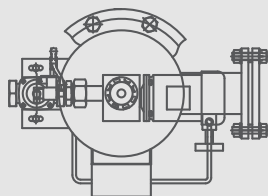
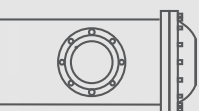
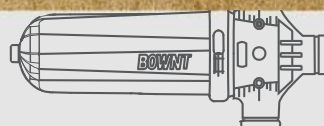
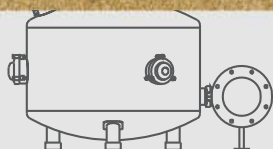
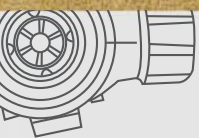




BOWNT

BOS-HSM



BOS-HSM

BOS-HSM is an hydraulic suction selfcleaning screen filter, horizontal type.



MAIN FEATURES:

- Hydraulic drive, horizontal 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.

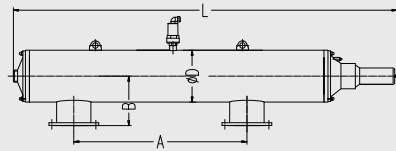
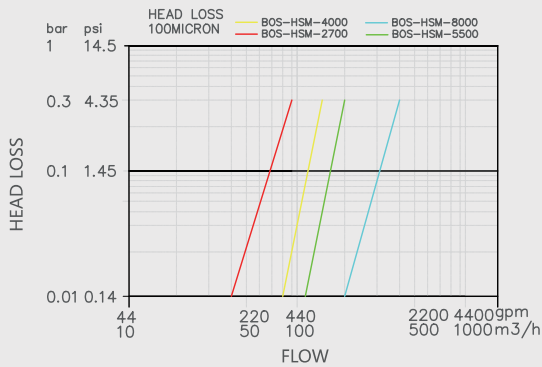
MAIN PARAMETERS

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) : 4"-10" (DN100-DN250)
 Housing diameter inch (mm) : 10"-18" (Φ273-Φ486)
 Flowrate gpm (m³/h) : ≤1672 (380)
 Filtration surface inch² (cm²) : 418-1240 (2700-8000)
 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	Connection (DN/PN1.0)		Back washing cycle		
	(gpm)	(m³h)		Inlet-Outlet	Drain	Flow	Time	Water consumption
			inch (mm)					
BOS-HSM2700/4C	352	80	418.5 2700	4" 100	1.5" 40	31.7 2	15	7.93 30
BOS-HSM4000/4C	440	100	620 4000	4" 100	1.5" 40	63.4 4	15	15.85 60
BOS-HSM4000/5C	616	140	620 4000	5" 125	1.5" 40	63.4 4	15	15.85 60
BOS-HSM5500/5C	660	150	852.5 5500	5" 125	1.5" 40	63.4 4	15	15.85 60
BOS-HSM5500/6C	792	180	852.5 5500	5" 150	1.5" 40	63.4 4	15	15.85 60
BOS-HSM8000/6C	968	220	1240 8000	5" 150	1.5" 40	95.1 6	30	47.56 180
BOS-HSM8000/8C	1408	320	1240 8000	8" 200	1.5" 40	95.1 6	30	47.56 180
BOS-HSM8000/10C	1672	380	1240 8000	10" 250	1.5" 40	95.1 6	30	47.56 180

Model	Dimensions			Weight (kg)	
	L	A	B	Net	With water
	inch (mm)	inch (mm)	inch (mm)		
BOS-HSM2700/4C	62.99 1600	19.69 500	11.30 287	72	132
BOS-HSM4000/4C	70.87 1800	23.62 600	11.30 287	83	153
BOS-HSM4000/5C	70.87 1800	23.62 600	11.30 287	85	155
BOS-HSM5500/5C	83.07 2110	35.43 900	11.30 287	92	182
BOS-HSM5500/6C	83.07 2110	35.43 900	11.30 287	95	185
BOS-HSM8000/6C	98.50 2502	43.31 1100	12.28 312	135	235
BOS-HSM8000/8C	98.50 2502	43.31 1100	12.28 312	142	242
BOS-HSM8000/10C	98.50 2502	43.31 1100	12.28 312	154	254

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.



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