

BOWNT BOS-ESM

BOS-ESM系列 卧式电动吸式自清洗网式过滤器

BOS-ESM series electric suction self-cleaning screen filter, horizontal type.



技术参数

Technical Data

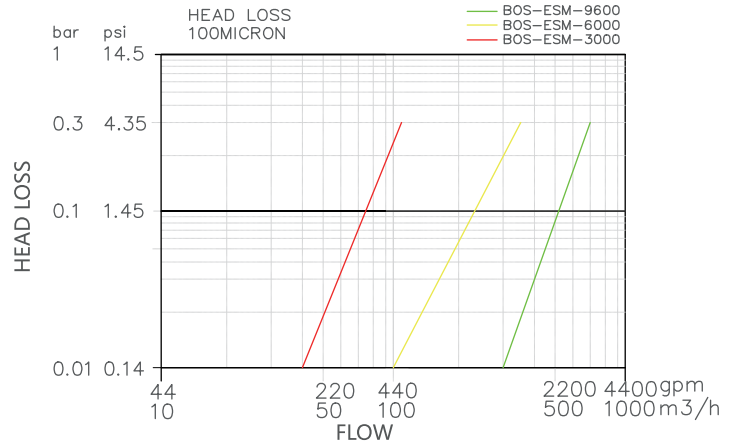
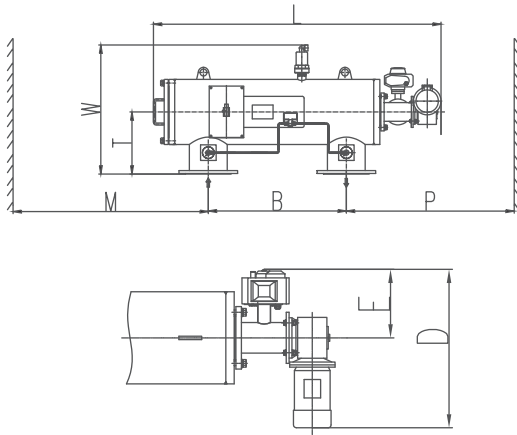
最大工作压力 / Max. Working Pressure psi (MPa)	145 (1.0) /232 (1.6) /362.5 (2.5)
最小清洗压力 / Min. Cleaning Pressure psi (MPa)	21.8 (0.15)
进/出口管径 / Inlet/Outlet Flange inch (mm)	3"-24" (DN80-DN600)
筒体直径 / Housing Diameter inch (mm)	12"-36" (Φ325-Φ916)
过滤流量 / Flowrate gpm (m ³ /h)	≤12320 (2800)
过滤面积 / Filtration Area inch ² (cm ²)	279-4030 (1800-26000)
过滤精度 / Micron Rating (μm)	20-3500
清洗方式 / Cleaning Mode	压差、时间及手动 Differential Pressure / Timing / Manual
最高工作温度 / Max. Working Temperature °F (°C)	158 (70)
额定操作电压 / Rated Voltage	三相/ 3-phase, 380/400V, 50HZ
电机功率 / Motor Power hp (kw)	0.24-1.02 (0.18-0.75)
控制器电压 / Control Voltage	220V / 230V AC

产品型号 Model	最大流量 Max. Flow		过滤面积 Filtration Surface	接口规格 Connection (DN/PN1.0)		清洗 Cleaning Cycle			
	gpm	m³/h	inch² (cm²)	进出口/Inlet-Outlet inch (mm)	排污口/Drain inch (mm)	流量/Flow gpm (l/s)	时间/Time (s)	耗水/Water Consumption gal (l)	功率/Power hp (kw)
BOS-ESM3000/3C	264	60	465 3000	3" 80	1.5" 40	31.7 2	15	7.93 30	0.24 0.18
BOS-ESM3000/4C	352	80	465 3000	4" 100	1.5" 40	31.7 2	15	7.93 30	0.24 0.18
BOS-ESM6000/6C	704	160	930 6000	6" 150	1.5" 40	47.6 3	15	11.89 45	0.50 0.37
BOS-ESM6000/8C	1320	300	930 6000	8" 200	1.5" 40	47.6 3	15	11.89 45	0.50 0.37
BOS-ESM9600/10C	1980	450	1488 9600	10" 250	2" 50	71.3 4.5	30	35.66 135	0.50 0.37
BOS-ESM9600/12C	2860	650	1488 9600	12" 300	2" 50	71.3 4.5	30	35.66 135	0.50 0.37

注：最大过滤流量及清洗数据是按照100微米过滤精度、水质较好工况的数据，实际过滤流量与所选过滤精度和水质有关，具体请咨询本公司。

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.

尺寸 | Dimensions



产品型号/Model	尺寸 /Dimensions								净重(kg)		含水重量(kg)	
	L	W	D	B	E	T	M	P	Empty Weight	With Water		
BOS-ESM3000/3C	66.93 1700	26.97 685	22.83 580	31.50 800	10.24 260	12.60 320	61.02 1550	39.37 1000	230	328		
BOS-ESM3000/4C	66.93 1700	26.97 685	22.83 580	31.50 800	10.24 260	12.60 320	61.02 1550	39.37 1000	250	348		
BOS-ESM6000/6C	65.75 1670	29.13 740	26.18 665	31.50 800	13.58 345	13.78 350	59.06 1500	39.37 1000	275	403		
BOS-ESM6000/8C	65.75 1670	29.53 750	26.18 665	31.50 800	13.58 345	14.17 360	59.06 1500	39.37 1000	295	425		
BOS-ESM9600/10C	85.83 2180	32.48 825	26.50 673	39.37 1000	13.90 353	15.75 400	80.71 2050	45.27 1150	455	720		
BOS-ESM9600/12C	85.83 2180	32.48 825	26.50 673	39.37 1000	13.90 353	15.75 400	80.71 2050	45.27 1150	490	750		