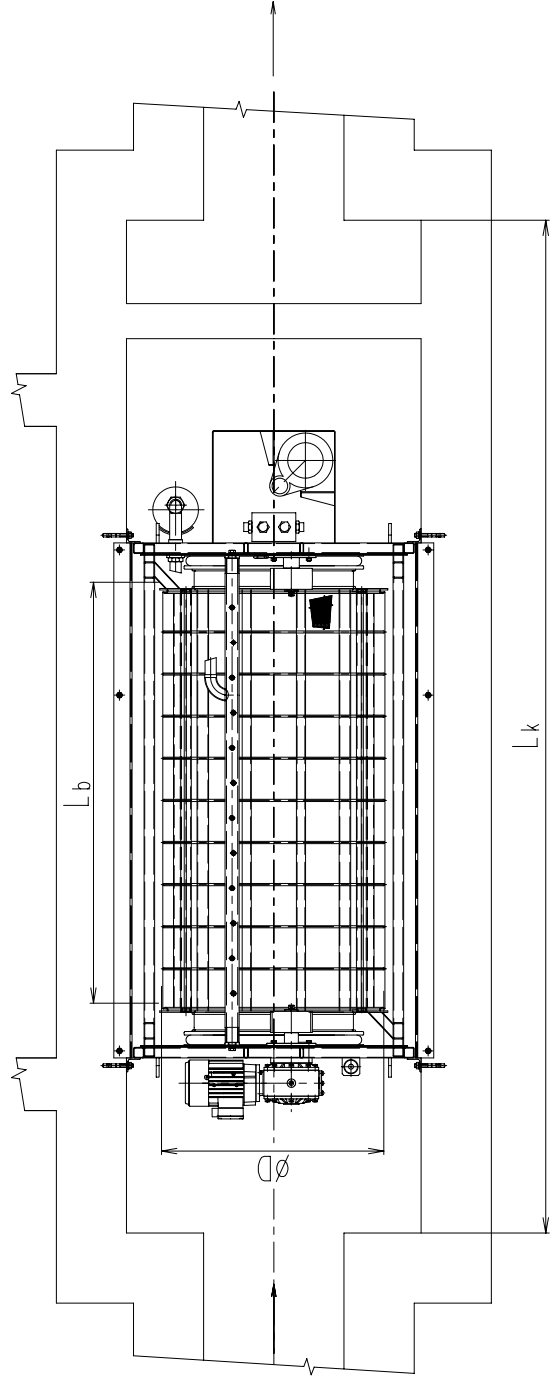
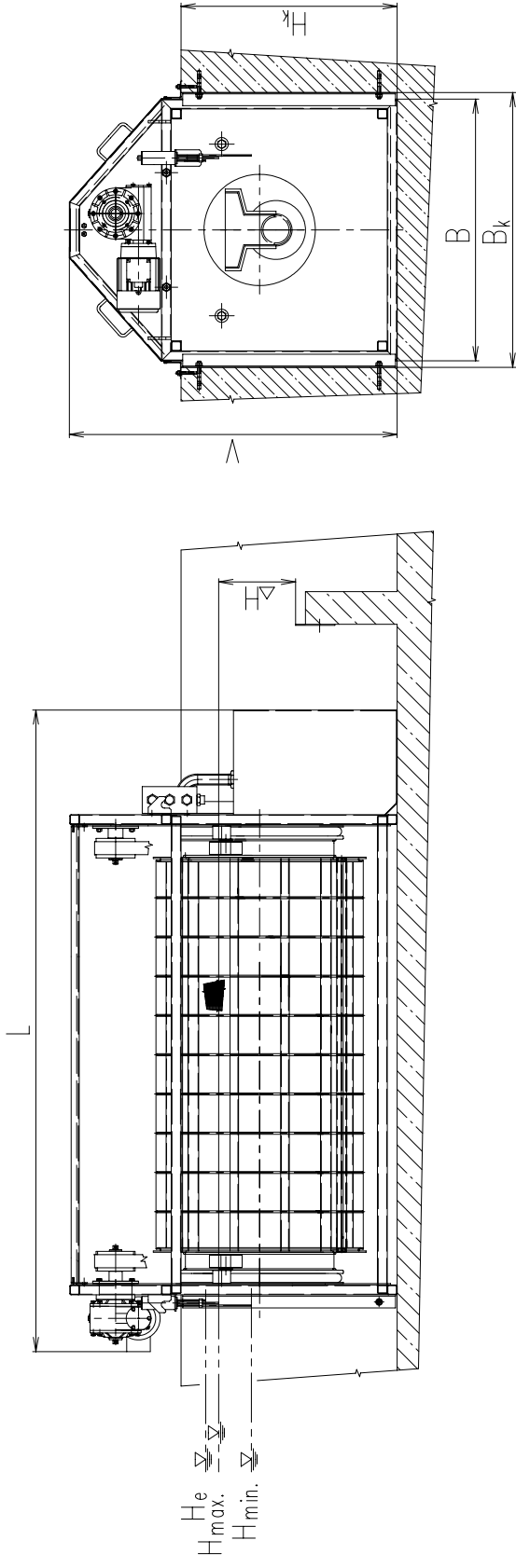


type parameter			MBF OS Microsieve Drum Filter OS - performance in the channel "K"						
			6 - 6	6 - 12	12 - 12	12 - 20	16 - 20	16 - 30	20 - 30
title		unit							
maximum flow*	Q_{max}	l/s	14	30	60	120	200	250	340
effective flow	Q_{effec}	l/s	0,1 - 12	10 - 24	20 - 50	42 - 100	80 - 160	100 - 200	140 - 280
sieve			polyamide / stainless steel woven						
size of mesh		µm	20 - 100						
maximum level	H_{max}	m	550	550	1050	1050	1400	1400	1800
minimum level	H_{min}	m	450	450	850	850	1150	1150	1500
salvage level	H_e	m	590	590	1090	1090	1450	1450	1900
difference of levels	ΔH	m	240	240	350	350	400	400	450
wetted active surface		m ²	0,73	1,48	2,95	5,20	7,43	11,14	22,35
overall active surface		m ²	1,12	2,27	4,54	8,00	11,43	17,14	34,38
washing pump output	P_1	kW	0,55	0,75	0,9	1,1	1,5	2,2	3
sludge pump output	P_2	kW	0,55	0,55	0,75	0,75	0,75	0,75	0,9
drive - power	P_3	kW	0,25	0,37	0,55	0,75	1,1	1,5	2,2
overall input	P_c	kW	1,55	1,67	2,2	2,6	3,35	4,45	6,1
dimensions									
		unit							
drum diameter	D	mm	600	600	1200	1200	1600	1600	2000
drum length	L_b	mm	600	1200	1200	2000	2000	3000	3000
filter total length	L	mm	1400	2000	2200	3000	3000	4000	4000
filter total width	B	mm	800	800	1400	1400	2000	2000	2500
filter total height	V	mm	1000	1000	1600	1600	2200	2200	2800
channel length**	L_k	mm	2400	3000	3800	4600	5000	6000	6500
channel width	B_k	mm	840	840	1440	1440	2060	2060	2580
channel depth	H_k	mm	660	660	1300	1300	1750	1750	2300
weight		kg	250	300	800	1000	1200	1400	1600
material of frame			stainless steel AISI 304, plastic material						
further material			plastic material						

* valid for low level of impurities (suspended solids max. 30 mg/l) and with sieves opening 100µm

** the channel dimensions necessary for the filter instalation

MBF OS K



type parameter			MBF OS Microsieve Drum Filter OS - performance in the shell "P"						
			6 - 6	6 - 12	12 - 12	12 - 20	16 - 20**	16 - 30**	20 - 30**
title		unit							
maximum flow*	Q_{max}	l/s	14	30	60	120	-	-	-
effective flow	Q_{effec}	l/s	0,1 - 12	10 - 24	20 - 50	42 - 100	-	-	-
sieve			polyamide /stainless steel woven						
size of mesh		μm	20 - 100						
maximum level	H_{max}	m	670	670	1200	1200	-	-	-
minimum level	H_{min}	m	570	570	1000	1000	-	-	-
salvage level	H_e	m	710	710	1140	1140	-	-	-
difference of levels	ΔH	m	240	240	350	350	-	-	-
wetted active surface		m^2	0,73	1,48	2,95	5,20	-	-	-
overall active surface		m^2	1,12	2,27	4,54	8,00	-	-	-
washing pump output	P_1	kW	0,55	0,75	0,9	1,1	-	-	-
sludge pump output	P_2	kW	0,55	0,55	0,75	0,75	-	-	-
drive - power	P_3	kW	0,25	0,37	0,55	0,75	-	-	-
overall input	P_c	kW	1,55	1,67	2,2	2,6	-	-	-
dimensions									
drum diameter	D	mm	600	600	1200	1200	-	-	-
drum length	L_b	mm	600	1200	1200	2000	-	-	-
filter total length	L	mm	1900	2500	2800	3400	-	-	-
filter total width	B	mm	805	805	1405	1405	-	-	-
filter total height	V	mm	1120	1120	1750	1750	-	-	-
weight		kg	400	500	1100	1400	-	-	-
material of frame			stainless steel AISI 304						
material of shell			stainless steel AISI 304						
further material			plastic material						

* valid for low level of impurities (suspended solids max. 30 mg/l) and with sieves opening 100 μm

** nonstandard execution, contact producer for more information

MBF OS P

