



SLEEVES FILTERS AND CYCLONE FILTERS



Sleeves filters and sleeves cyclone filters used for dust aspiration in food, mine and chemical industry

Optimal connection between filtrating area and machine volume

Automatically wash in counter current using compressed air trough solenoid valves

Programmed wash cycle for sleeves

Low speed of the air between the filtrating elements

Simple and quick replacement operations for the sleeves

Small loss during charging and high volume of filtering air

Dust discharge trough hopper and solenoid valve or trough screw extractor

B.S.P. Engineering plans and builds also low pressure filters



CIRCULAR FILTERS AND CYCLONE FILTERS WITH SLEEVES ϕ 120 mm											
A	B	C	C+D	E	f	g	h	i	l	m	
1200	1100	2200		2900	36	2000	27	6	4	7	
	1100		2700	2900	36	2500	34	6	5,5	9	
1600	1200	2200		3000	60	2000	45	7	9	12	
	1200		2700	3000	60	2500	56	7	12,5	14	
1800	1300	2200		3100	80	2000	60	12	12,5	16	
	1300		2700	3100	80	2500	75	12	15	19	
2100	1400	2200		3200	110	2000	83	20	15	21,5	
	1400		2700	3200	110	2500	103	20	18,5	26,5	
2400	1500	2200		3300	150	2000	113	26	22,5	28,5	
	1500		2700	3300	150	2500	141	26	30	35,5	

POLYGONAL FILTERS WITH SLEEVES ϕ 150 mm											
SECTION	B	C	C+D	E	f	g	h	i	l	m	
820x820	700	2100		1000	16	2000	15	4	3	3,5	
820x820	700		2600	1000	16	2500	19	4	3	4,5	
820x1000	700	2100		1100	20	2000	19	5	3	4,5	
820x1000	700		2600	1100	20	2500	24	5	4	6	
820x1500	700	2100		1400	32	2000	30	8	5,5	7,5	
820x1900	700		2600	1400	32	2500	38	8	5,5	9,5	
1200x1500	700	2100		1500	48	2000	45	8	7,5	11,5	
1200x1500	700		2600	1500	48	2500	56	8	9	14	
1600x1700	700	2100		1600	72	2000	68	18	12,5	16,5	
1600x1700	700		2600	1600	72	2500	85	18	15	21,5	
1600x2300	700	2100		1600	96	2000	90	24	15	22	
1600x2300	700		2600	1600	96	2500	113	24	22,5	28,5	
1900x2300	700	2100		2000	120	2000	113	24	22,5	28,5	
1900x2300	700		2600	2000	120	2500	141	24	30	35,5	

LEGEND			
f	Number of the sleeves	i	Number of the electric valves
g	Sleeves length (mm)	l	Power (Kw)
h	Filters area (m ²)	m	Filtrating air volume

Each filter and cyclone filter will be dimensioned from B.S.P. Engineering technical department according to the physical characteristics of the suspended product.

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