



SFU-S

stainless steel partial flow filters 16 bar

Corrosion occurs in many piping systems of cooling and heating installations. This is also the case in process water systems and in ring mains, pumps, boilers, and heat exchangers. The quality of the medium is significantly improved by the use of SOTEX partial flow filters. A pump is required to install a partial flow filter. SOTEX has selected a perfectly matched centrifugal pump for each partial flow filter.

In addition to the standard SFU series, the SFU-S series is now also available. This variant distinguishes itself by the fact that the medium comes into contact exclusively with stainless steel and is suitable for system pressures up to a maximum of 16 bar.

The SFU-S series is available in capacities of 2, 6, 12, 20, 36, 54, and 72 m³/hour. The models from 2 to 54 m³/hour are equipped as standard with ball valves with internal thread connection (system connection).



SOTEX SFU-S 36



SOTEX SFU-S 20

including tripod	
neodymium magnet bar	
magnet bar [mm]	
max. poss. number of magnets	
including stainless steel air vent(s)	
two stainless steel pressure gauges scale 0-6 or 0-10 or 0-16 bar	
stainless steel drain valve	
eye bolt closures	
working switch(es)	
complementary s.s. Grundfos pump(s)	
motor power [kW]	
connection voltage (50 Hz) [VAC]	
filter bag included (50 µm)	
diameter filter housing [mm]	
height filter housing [mm]	
2x system connection	
max. capacity [m³/hr]	
system pressure [bar]	
max. temperature [°C]	
max. system content [m³]	
width s.s. tube frame ± 50 [mm]	
depth s.s. tube frame ± 50 [mm]	
height unit ± 50 [mm]	

	SFU-S 2	SFU-S 6	SFU-S 12	SFU-S 20	SFU-S 36	SFU-S 54	SFU-S 72	
		-			✓			
			1				2	
	150		300		500		2x 500	
		1			4		2x 4	
				✓				
				✓				
				✓				
				✓				
				✓				
	CM 1-2	CM 5-2	CM 10-1	CM 15-1	CM 32-2	2x CM 25-1	2x CM 32-2	
	0.30	0.46	0.60	1.30	3.70	2x 1.70	2x 3.70	
	1~230			3~400				
			2				4	
		114			195		2x 195	
	362		518	590	980		2x 980	
	G 1" F	G ¾" F	G 1½" F	G 2" F	G 2½" F	G 3" F	DN100	
	PN16	PN16	PN16	PN16	PN16	PN16	PN16	
	2	6	12	20	36	54	72	
				0,5 ~ 16				
				16 bar / 90 °C - 10 bar / 120 °C				
	46	138	276	460	828	1.242	1.656	
		450		600	650	900	1.300	
		600		800	1,100	1,300	1.100	
	920		1,150	1,340	1,580	1,750	1.650	

The medium comes into contact with the following materials: filter housing, air vent, drain valve, pump housing and impeller stainless steel EN 1.4301, piping and fittings stainless steel EN 1.4404, and polyester filter bags.