

SDF

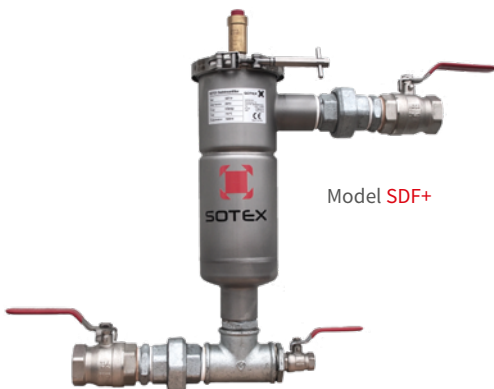
partial flow filters

Corrosion occurs in many pipework systems found in cooling and heating installations. The same is also true of process water systems and in loop pipes, pumps, boilers and heat exchangers. Using SOTEX SDF part-flow filters can considerably improve the quality of the transported medium. The entire system remains better maintained and will ultimately be free from annoying contamination that can cause faults and other inconveniences. SOTEX SDF part-flow filters distinguish themselves clearly from the competition through the use of stainless steel filter housings, which guarantees a long and efficient service life.

The SOTEX SDF part-flow filter is noted for its stainless steel filter housing and bag basket made with a replaceable 50 µm filter bag. Filter bags are optionally available from 5 µm to 100 µm. Each part-flow filter comes as standard with a very powerful neodymium magnetic bar. The SDF20 and larger versions can be optionally expanded to four neodymium magnetic bars. The combination of the very powerful neodymium magnet and the ingenious filter bag construction filters out unwanted iron oxide particles, welding globules, magnetite and sludge. Effectiveness is maintained on a high level through regular replacement of the bag.

SOTEX supplies the part-flow filters as type SDF, the standard version, and as type SDF+, the complete version with valves and deaerator.

See table.



Model SDF+

- tripod for placing on the ground
-
- magnet bar 12"
-
- magnet bar 24"
-
- max. number of magnets (optional)
-
- air vent included
-
- ball valves incl. divisible couplings
-
- two pressure gauges 0-4 bar
-
- drainage valve
-
- v-clamp closure
-
- eye-bolt closure
-
- filter bag included (50 µm)

-
- diameter filter [mm]
-
- height filter [mm]
-
- system connection
-
- max. capacity [m³/hour]
-
- max. work. pressure [bar]
-
- max. temperature [°C.]

	SDF6	SDF6+	SDF12	SDF12+	SDF20	SDF20+	SDF36	SDF36+	SDF54
tripod for placing on the ground	-	-	-	-	✓	✓	✓	✓	✓
magnet bar 12"	✓	✓	✓	✓	-	-	-	-	-
magnet bar 24"	-	-	-	-	✓	✓	✓	✓	✓
max. number of magnets (optional)			1				4		
air vent included	-	✓	-	✓	-	✓	-	✓	✓
ball valves incl. divisible couplings	-	✓	-	✓	-	✓	-	✓	-
two pressure gauges 0-4 bar	-	✓	-	✓	-	✓	-	✓	✓
drainage valve	-	✓	-	✓	-	✓	-	✓	✓
v-clamp closure	✓	✓	✓	✓	-	-	-	-	-
eye-bolt closure	-	-	-	-	✓	✓	✓	✓	✓
filter bag included (50 µm)					2				
diameter filter [mm]		114,3				195,0			200,0
height filter [mm]	359		514		559		954		980
system connection		2x 1½" bi				2x 2" bi			2x DN80
max. capacity [m ³ /hour]	6		12		20		36		54
max. work. pressure [bar]		9					10		
max. temperature [°C.]					120				