

SCS series

Metal air breather filter



Technical data

Air breathers & Filler plugs

Metal air breather filter

Flow rate up to 1330 l/min

SCS is a range of air breathers for protection of the tank against the solid contamination contained into the air.

They are composed of a spin-on filter can screwed on a connection tube, directly fitted on the tank. They are usually directly fitted on the tank.

Available features:

- Weld or flanged connection, for a maximum flow rate of 1415 l/min
- Fine cellulose and microfibre filtration, to get a good cleanliness level into the reservoir

Common applications:

- Mobile machines (construction and agriculture machines)
- Industrial equipment

Flow rate Δp 0.02 bar

	Flow rate [l/min]		
	Filtration rating	P10	A03
SCS050	550	515	530
SCS070	550	515	530
SCS100	1415	1300	1330
SCS150	1415	1300	1330

Materials

Riser: Galvanized steel

Temperature

From -25 °C to +100 °C

Weight

SCS050...G1: 0,200 kg
 SCS050...G2: 0,265 kg
 SCS100...G1: 0,450 kg
 SCS100...G2: 0,645 kg

CS/CG050: 0,73 kg
 CS/CG070: 0,95 kg
 CS100: 1,3 kg
 CS150: 1,6 kg
 CG100: 1,3 kg
 CG150: 1,6 kg



Designation & Ordering code

METAL AIR BREATHER FILTER

Series and size	Configuration example 1: SCS050 C G2 V P01					
SCS050 SCS070 SCS100 SCS150	Configuration example 2: SCS150 C G2 A10 V P01					
Connections to the tank						
C Weld riser						
F Screwed flange						
Threaded connection	SCS050 - 070		SCS100 - 150			
G1 Connection ISO 228	G 3/4"		G 1 1/4"			
G2 Connection U.S. standard	1" - 12 UNF		1 1/2" - 16 UN			
Filtration rating	Size:	050	070	100	150	
Without filter element						
A03 Inorganic microfiber 3 µm		•	•	•	•	
A10 Inorganic microfiber 10 µm		•	•	•	•	
P10 Resin impregnate paper 10 µm		•	•	•	•	
Seals						
A NBR						
V FPM						
Execution						
P01 MP Filtri standard						
Pxx Customized						

FILTER ELEMENT

Filter element series	Threaded connection:	G1	G2	Configuration example: CG 150 A10 V P01			
CS Connection ISO 228		•					
CG Connection U.S. standard			•				
Filter element size							
050 070 100 150							
Filtration rating							
A03 Inorganic microfiber 3 µm							
A10 Inorganic microfiber 10 µm							
P10 Resin impregnate paper 10 µm							
Seals							
A NBR							
V FPM							
Execution							
P01 MP Filtri standard							
Pxx Customized							



