

SCS series

Metal air breathers with interchangeable filter element



Air breathers & Filler plugs

Metal air breathers with interchangeable filter element 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 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	A10
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

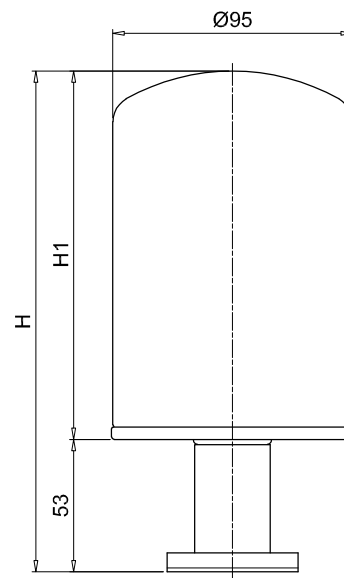
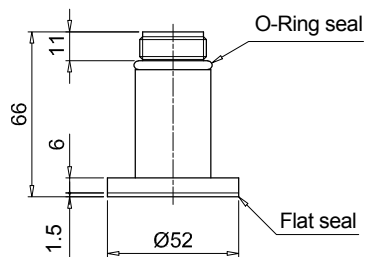
COMPLETE AIR FILTER

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									
C	Weld riser								
F	Screwed flange								
Threaded connection		SCS050 - 070		SCS100 - 150					
G1	ISO 228	G 3/4"		G 1 1/4"					
G2	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 impregnated paper	10 µm	•	•	•	•			
							Seals		
							A	NBR	Execution P01 MP Filtri standard Pxx Customized
							V	FPM	

FILTER ELEMENT

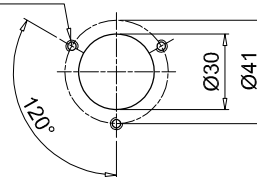
Filter element series			Threaded connection:		G1	G2	Configuration example:				CG	150	A10	V	P01
CS	Connection ISO 228				•	-									
CG	Connection U.S. standard				-	•									
Filter element size															
050	070	100	150												
Filtration rating															
A03	Inorganic microfiber	3 µm													
A10	Inorganic microfiber	10 µm													
P10	Resin impregnated paper	10 µm													

Seals		Execution	
A	NBR	P01	MP Filtri standard
V	FPM	Pxx	Customized



Holes on the tank

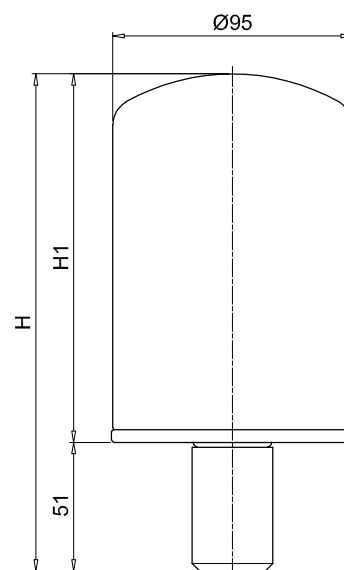
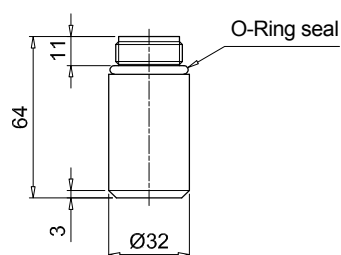
M5 - Nr. 3 holes



SCS050-070

Screwed flange

Size	H [mm]	H1 [mm]
050	199	146
070	263	210



SCS050-070

Weld riser

Size	H [mm]	H1 [mm]
050	197	146
070	261	210

