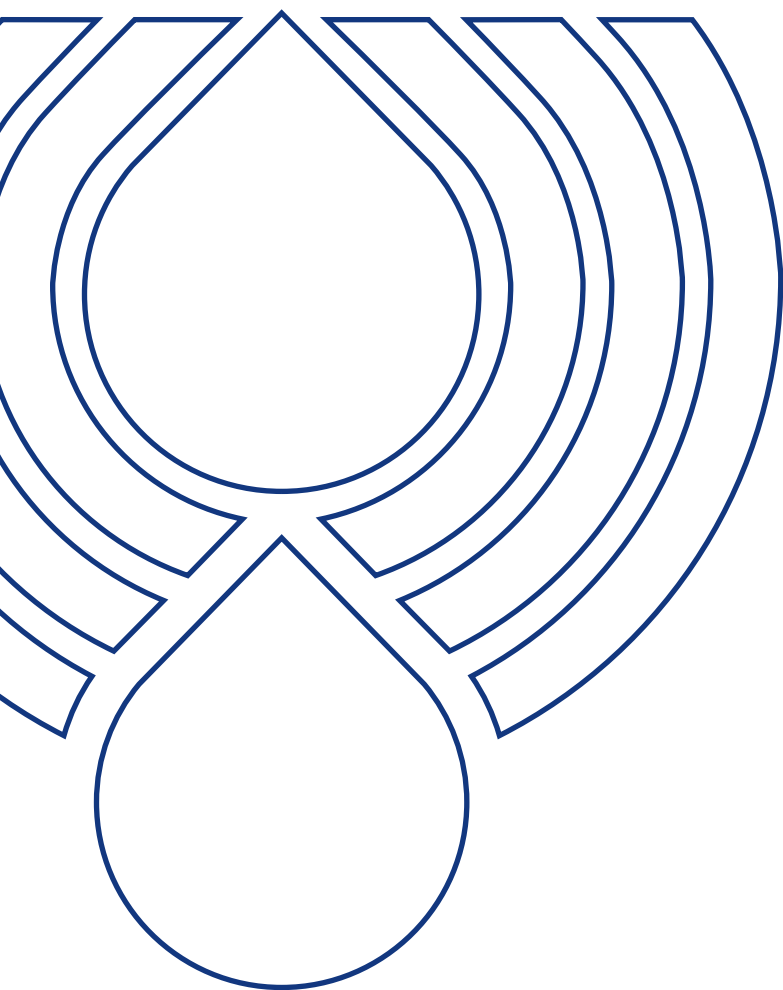


TANK ACCESSORIES

AIR BREATHERS AND FILLER PLUGS



PASSION TO PERFORM



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	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

METAL AIR BREATHER FILTER

Series and size

SCS050 | **SCS070** | **SCS100** | **SCS150**

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	•	•	•

Configuration example 1:	SCS050	C	G2		V	P01
Configuration example 2:	SCS150	C	G2	A10	V	P01

Seals

A NBR
V FPM

Execution

P01 MP Filtri standard
Pxx Customized

FILTER ELEMENT

Filter element series

Threaded connection:	G1	G2
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

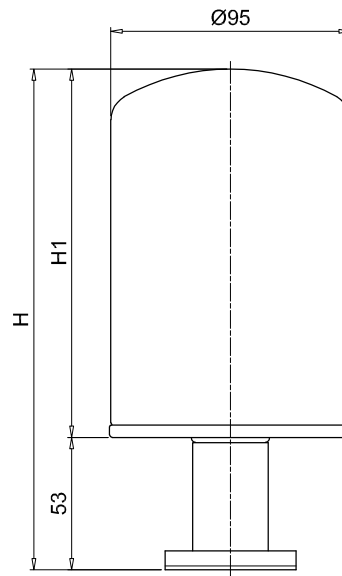
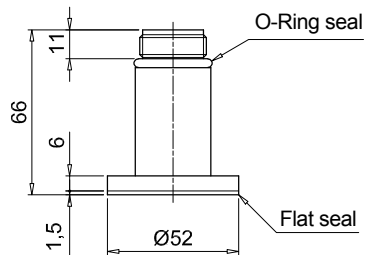
Configuration example:	CG	150	A10	V	P01
------------------------	-----------	------------	------------	----------	------------

Seals

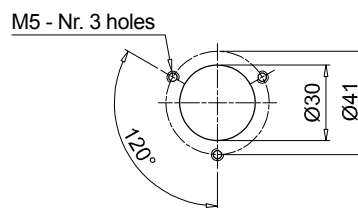
A NBR
V FPM

Execution

P01 MP Filtri standard
Pxx Customized



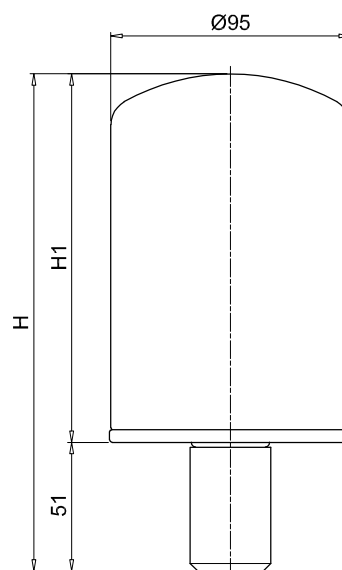
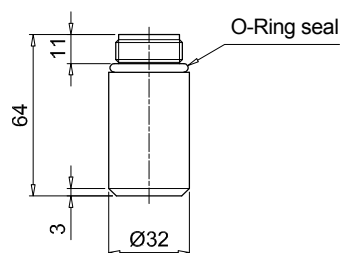
Holes on the tank



SCS050-070

Screwed flange

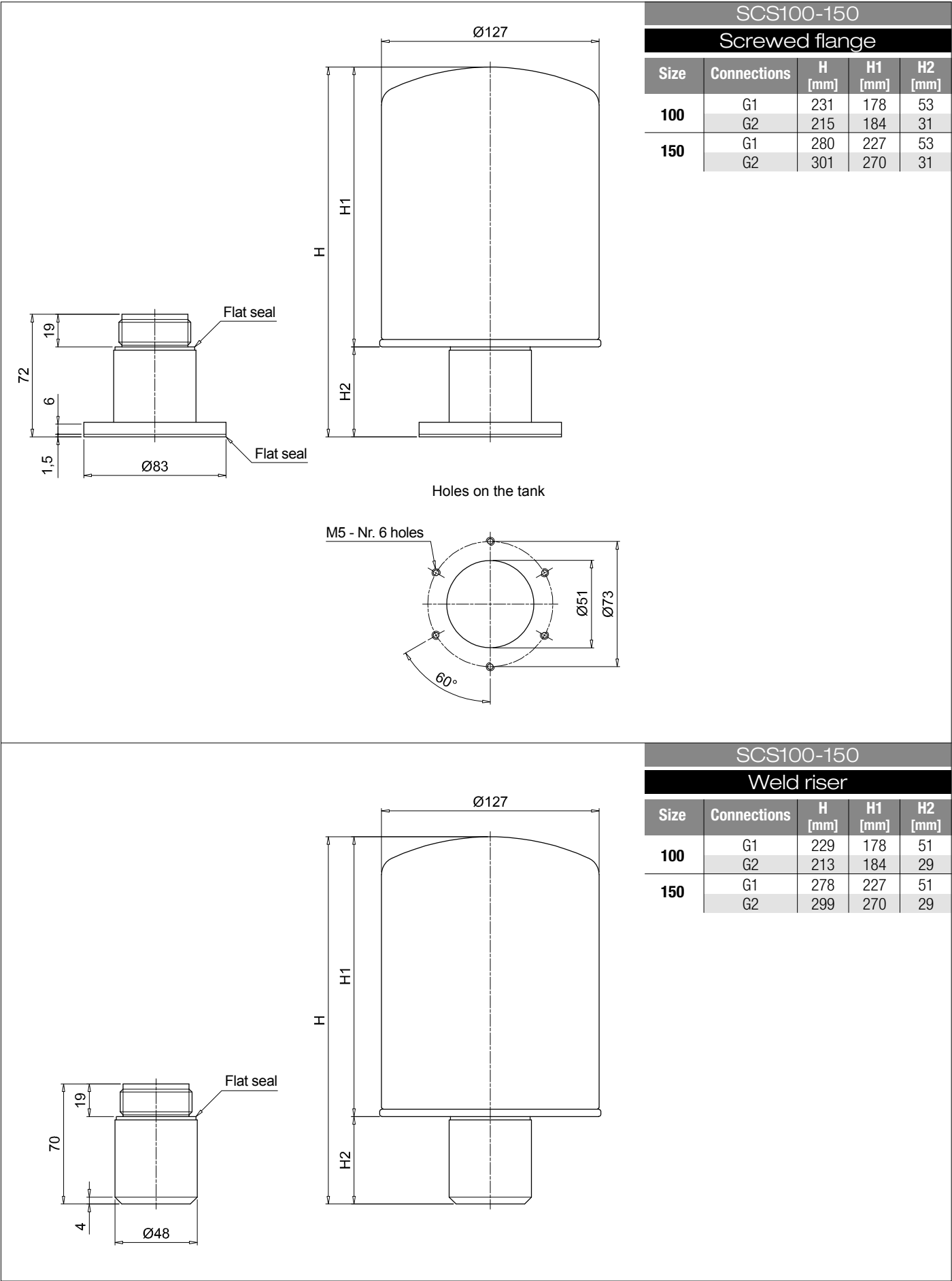
Size	H [mm]	H1 [mm]
050	199	146
070	263	210



SCS050-070

Weld riser

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





WORLDWIDE NETWORK

HEADQUARTERS

MP Filtri S.p.A.
Pessano con Bornago
Milano - Italy
+39 02 957031
sales@mpfiltri.it

BRANCH OFFICES

ITALFILTRI LLC
Moscow - Russia
+7 (495) 220 94 60
mpfiltrirussia@yahoo.com

MP Filtri Canada Inc.
Concord, Ontario - Canada
+1 905 303 1369
sales@mpfiltricanada.com

MP Filtri France SAS
Villeneuve la Garenne
Paris - France
+33 (0)1 40 86 47 00
sales@mpfiltrifrance.com

MP Filtri Germany GmbH
St. Ingbert - Germany
+49 (0) 6894 95652 2-0
sales@mpfiltri.de

MP Filtri India Pvt. Ltd.
Bangalore - India
+91 80 4147 7444 / +91 80 4146 1444
sales@mpfiltri.co.in

MP Filtri (Shanghai) Co., Ltd.
Shanghai - Minhang District- China
+86 21 58919916 116
sales@mpfiltrishanghai.com

MP Filtri U.K. Ltd.
Bourton on the Water
Gloucestershire - United Kingdom
+44 (0) 1451 822 522
sales@mpfiltri.co.uk

MP Filtri U.S.A. Inc.
Quakertown, PA - U.S.A.
+1 215 529 1300
sales@mpfiltriusa.com

PASSION TO PERFORM



mpfiltri.com