SAP 054-075 series

Polyamide air breather filter

SA series

Metal air breather filter



Technical data

Air breathers & Filler plugs

Metal air breather filter
Flow rate up to 2500 l/min

SA is a range of metal air breathers for protection of the tank against the solid contamination contained into the air.
They are directly fitted on the tank. The robust design allows the use of these filters in any heavy-duty application.

Available features:
- Male threaded connections up to 2 1/2", for a maximum flow rate of 2500 l/min
- Replaceable filter element
- Fine cellulose filtration, to get a good cleanliness level into the reservoir
- Polyester media is an option for heavy environmental conditions (high humidity, sand …)

Common applications:
- Mobile machines (construction and agriculture machines)
- Industrial equipment

Flow rate Δp 0.02 bar

	Flow rate [l/min]	
	Filtration rating L03	L10
SA036	140	140
SA053	250	250
SA075	350	400
SA115	800	850
SA145	1800	1850
SA185	2300	2500

Materials
- Cover: Steel
- Connection:
  SA 036 - SA 053: zinc-plated steel
  SA 075 - SA 115 - SA 145 - SA 185: anodized aluminium
- Filter element: Resin impregnated paper
- Screws: Galvanized steel
- Washer: Teflon
- Ring: Galvanized steel
- Seals: NBR

Temperature
From -25 °C to +100 °C

Weight

SA 036	0.08 kg
SA 053	0.15 kg
SA 075	0.26 kg
SA 115	0.40 kg
SA 145	0.59 kg
SA 185	1.22 kg

Designation & Ordering code

COMPLETE AIR BREATHER

Configuration example: SA115 | G1 | L10 | A | P01

Series and size

SA036 | **SA053** | **SA075** | **SA115** | **SA145** | **SA185**

Connections

	SA036	SA053	SA075	SA115	SA145	SA185
G1	G 1/4"	G 1/4"	G 1/2"	G 1"	G 1 1/2"	G 2 1/2"
G2	G 3/8"	G 3/8"	G 3/4"	-	-	-
G3	G 1/2"	-	-	-	-	-
G4	1/4" NPT	1/4" NPT	1/2" NPT	1" NPT	1 1/2" NPT	2 1/2" NPT
G5	3/8" NPT	3/8" NPT	3/4" NPT	-	-	-
G6	1/2" NPT	-	-	-	-	-

Filtration rating

L03	Resin impregnated paper	3 µm
L10	Resin impregnated paper	10 µm
S	Without filter element	

Seals

A	NBR

Execution

P01	MP Filtri standard
Pxx	Customized

FILTER ELEMENT

Configuration example: A8 | L10 | P01

Filter element series and size

A05 | **A5** | **A7** | **A8** | **A10** | **A11**

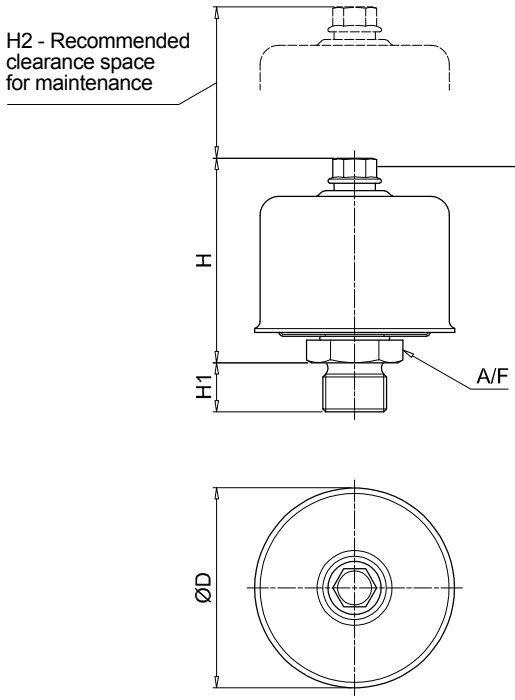
Filtration rating

L03	Resin impregnated paper	3 µm
L10	Resin impregnated paper	10 µm

Execution

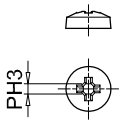
P01	MP Filtri standard
Pxx	Customized

SA

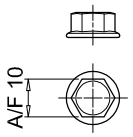


Tipe of bolt/nut

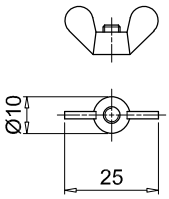
Phillips:
SA036



Hexagonal:
SA053
SA075
SA115
SA145



Wings:
SA185



Type	Connections	ØD [mm]	H [mm]	H1 [mm]	H2 [mm]	A/F [mm]
036	G1 ÷ G6	36	37	13	30	22
053	G1-G2-G4-G5	53	53	13	50	22
075	G1	75	69	13	60	27
	G2			17		32
	G4			15		27
	G5			20		32
115	G1 - G4	115	80	17	70	38
145	G1 - G4	145	115	25	100	55
185	G1 - G4	185	164	25	150	90