TA 46 TAP 50 SAP 50 series

Metal oil filler and air breather filler cap

Nylon oil filler and breather plug

Nylon air breather filter



SAP 50 GENERAL INFORMATION

Technical data

Air breathers & Filler plugs

Nylon air breather filter
Flow rate up to 200 l/min

SAP50 is a range of compact plastic air breathers for protection of the tank against the solid contamination contained into the air.
The integrated air breather protects the tank against the solid contamination contained into the air. They are usually directly fitted on the tank.

Available features:
- Male threaded connections up to 3/4", for a maximum flow rate of 200 l/min.
- Fine cellulose filtration, to get a good cleanliness level into the reservoir.

Common applications:
- Compact hydraulic systems
- Compact mobile machines
- Industrial equipment

Flow rate Δp 0.02 bar

	Flow rate [l/min]	
Filtration rating	03	10
SAP50	180	204

Materials
- Cover/Connection: Nylon
- Filter element: Resin impregnate paper, Polyurethane
- Pressurization valve: Nylon, Galvanized steel, NBR
- Seals: NBR

Temperature
From -25 °C to +100 °C

Weight
0.40 kg

Quantity
10 pcs/pack



Designation & Ordering code

COMPLETE AIR BREATHER - SAP50

Configuration example : SAP50 | G3 | L03 | A | 1 | 0 | P01

Series and size
SAP50 Nylon air filter

Connections to the tank
G1 G 1/4"
G2 G 3/8"
G3 G 1/2"
G4 G 3/4"
G9 SAE 6 - 9/16" - 18 UNF
G10 SAE 12 - 1 1/16" - 12 UN

Filtration rating
L03 Resin impregnate paper 3 µm
L10 Polyurethane 10 µm

Seals
A NBR

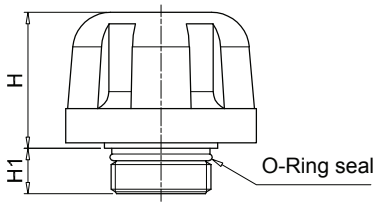
Valve		Connection G1	G2	G3	G4	G9	G10
0	Without valve	•	•	•	•	•	•
1	0.5 bar pressurization valve		•	•	•		•

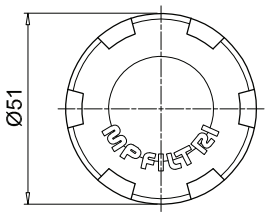
Basket
0 Without basket

Execution
P01 MP Filtri standard
Pxx Customized

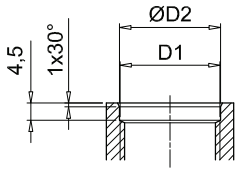
SAP50

Threaded connection

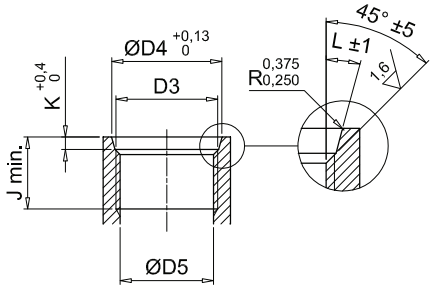




Housing on the tank
for connections GAS



Housing on the tank
for connections SAE



Connections	H [mm]	H1 [mm]	D1 [mm]	ØD2 [mm]	D3 [mm]	ØD4 [mm]	ØD5 [mm]	J min. [mm]	K [mm]	L
G1	36	12	G 1/4"	13.5	-	-	-	-	-	-
G2	36	12	G 3/8"	17	-	-	-	-	-	-
G3	36	12	G 1/2"	21.5	-	-	-	-	-	-
G4	36	12	G 3/4"	26.7	-	-	-	-	-	-
G9	36	12	-	-	SAE 6 - 9/16" - 18 UNF	15.6	13.081 12.751	12.7	2.5	12°
G10	35	14.5	-	-	SAE 12 - 1 1/16" - 12 UN	29.2	24.978 24.696	19	3.3	15°