

TAP 115 - SAP 115

Filler plug and polyamide air filter up to 3000 l/min



TAP 115 GENERAL INFORMATION

Technical data

Air breathers & Filler plugs

Filler plug and polyamide air filters

Flow rates up to 2150 l/min

TAP115 is a range of plastic large air breathers and filler caps for protection of the tank against the solid contamination contained into the air and filling of the fluid into the systems during the commissioning and maintenance procedures.

They are directly fitted on the tank.

Available features:

- Flanged connection, for a maximum flow rate of 2150 l/min
- Replaceable filter element.
- Fine cellulose and microfibre filtration, to get a good cleanliness level into the reservoir. Polyester media is an option for heavy environmental conditions (High humidity, sand)
- Visual clogging indicator
- Filling basket, to hold the coarse contamination contained into the fluid and to diffuse the fluid flow into the tank

Common applications:

- Hydraulic systems
- Mobile machines
- Industrial equipment

Flow rate Δp 0.02 bar

	Flow rate [l/min]	
	Filtration rating	
	A03	L10
TAP115 length 1	1600	2000
TAP115 length 2	2150	2150

Materials

- Cover/flange: Polyamide
- Filter element: Microfibre, Resin impregnated paper
- Seals: NBR, FPM
- Basket/screws: Galvanized steel

Clogging indicators

- Manual reset
- Set pressure 0.062 bar $\pm 10\%$

Temperature

From -25 °C to +100 °C

Weight

TAP 115 length 1 0.460 kg

TAP 115 length 2 0.585 kg



Designation & Ordering code

COMPLETE FILLER PLUG / COMPLETE AIR FILTER

Series	Configuration example:						TAP115	2	F	A03	A	1	A	P01
TAP115														
Length														
1	2													
Connections														
F	Flange													
Filtration rating														
A03	Inorganic microfiber	3 µm												
L10	Resin impregnated paper	10 µm												
Seals														
A	NBR	V	FPM											
Version														
1	With basket													
Clogging indicator														
A	Without indicator										Execution			
B	With visual clogging indicator										P01 MP Filtri standard			
											Pxx Customized			

FILTER ELEMENT

Filter element series

A115

Length

1 | **2**

Filtration rating

A03 Inorganic microfiber 3 µm

L10 Resin impregnated paper 10 µm

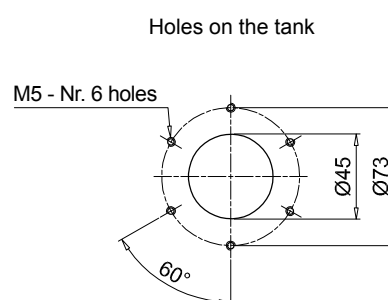
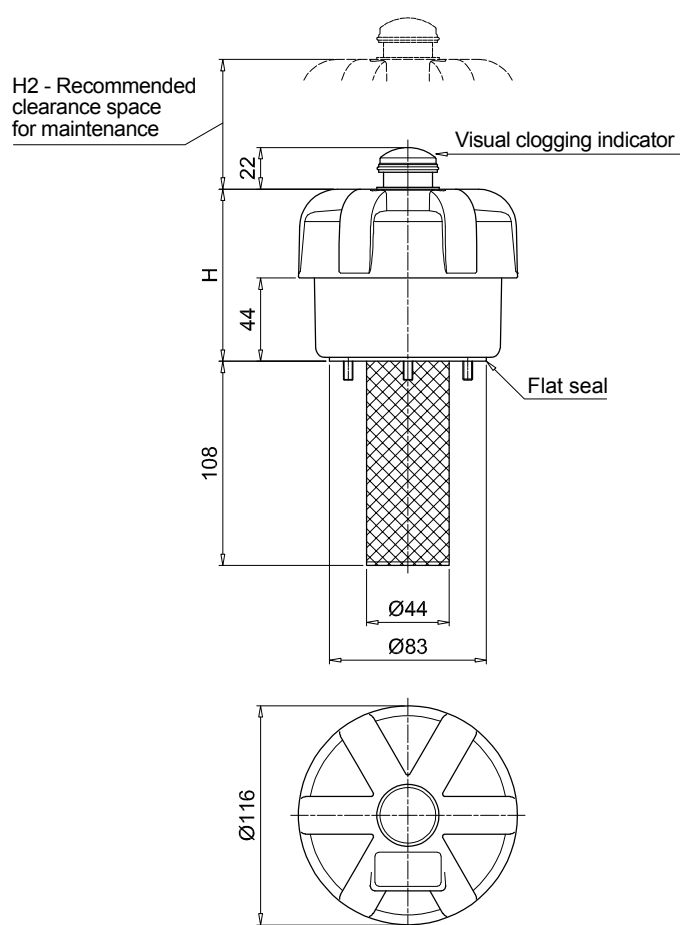
Configuration example: **A115** **2** **A03** **P01**

Execution

P01 MP Filtri standard

Pxx Customized

TAP115		
Length	H [mm]	H2 [mm]
1	91	55
2	155	80



Technical data

Air breathers & Filler plugs

Filler plug and polyamide air filters

Flow rates up to 3000 l/min

SAP115 is a range of plastic large air breathers for protection of the tank against the solid contamination contained into the air.

They are directly fitted on the tank.

Available features:

- Male threaded connections up to 1 1/2", for a maximum flow rate of 3000 l/min.
- Replaceable filter element.
- Fine cellulose and microfibre filtration, to get a good cleanliness level into the reservoir. Polyester media is an option for heavy environmental conditions (High humidity, sand)
- Visual clogging indicator
- Antisplash, to avoid fluid coming out through the air breather due to sloshing
- Filling basket, to hold the coarse contamination contained into the fluid and to diffuse the fluid flow into the tank

Common applications:

- Hydraulic systems
- Mobile machines
- Industrial equipment

Flow rate Δp 0.02 bar

	Flow rate [l/min]	
	Filtration rating	
	A03	L10
SAP115 length 1 - G1"	1830	2170
SAP115 length 2 - G1"	2800	2800
SAP115 length 1 - G1 1/2"	1995	2330
SAP115 length 2 - G1 1/2"	3000	3000

Materials

- Cover/flange: Polyamide
- Filter element: Microfibre, Resin impregnated paper
- Connection: Polyamide
- Seals: NBR, FPM

Clogging indicators

- Manual reset
- Set pressure 0.062 bar $\pm 10\%$

Temperature

From -25 °C to +100 °C

Weight

SAP 115 length 1	0.410 kg
SAP 115 length 2	0.525 kg



Designation & Ordering code

COMPLETE FILLER PLUG / COMPLETE AIR FILTER

Series	Configuration example: SAP115 2 A A03 A 1 A P01								
SAP115									
Length	1 2								
Connections	A G 1"	C G 1 1/2"							
Filtration rating	A03 Inorganic microfiber 3 µm	L10 Resin impregnated paper 10 µm							
Seals	A NBR								
Version	0 Standard	1 With anti-splash feature							
Clogging indicator	A Without indicator	B With visual clogging indicator							
Execution	P01 MP Filtri standard	Pxx Customized							

FILTER ELEMENT

Filter element series	Configuration example: A115 2 A03 P01			
A115				
Length	1 2			
Filtration rating	A03 Inorganic microfiber 3 µm	L10 Resin impregnated paper 10 µm		
Execution	P01 MP Filtri standard	Pxx Customized		

SAP115							
Length	Connections	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H4 [mm]	A/F [mm]
1	A	106	18	55	17	42	41
	C	111	23	55	22	42	55
2	A	170	18	80	17	106	41
	C	175	23	80	22	106	55

