TA 80 series

Steel filler plug and air filter up to 550 l/min



TA 80 GENERAL INFORMATION

Technical data

Air breathers & Filler plugs

Steel filler plug and air filter
Flow rates up to 550 l/min

TA80 is a range of metal 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. The robust design allows the use of these filters in any heavy-duty application.

Available features:

- Male threaded connections up to 3/4" and flanged connection with bayonet, for a maximum flow rate of 550 l/min
- Fine cellulose filtration, to get a good cleanliness level into the reservoir
- Pressurization valve with different setting, to guarantee a positive pressure into the tank in any application with metal or plastic tanks
- Padlock tab, to secure the air breather to the tank
- Filling basket, to hold the coarse contamination contained into the fluid and to diffuse the fluid flow into the tank
- Anti-splash, to avoid fluid coming out through the air breather due to sloshing

Common applications:

- Hydraulic systems
- Mobile machines
- Industrial equipment

Flow rate Δp 0.02 bar

	Flow rate [l/min]	
Filtration rating	03	10
TA80	450	550

Materials

- Cover: Chrome Plated steel
- Filter element: Resin impregnated paper, Polyurethane
- Pressurization valve: Polyamide (bodies), Galvanized steel (end cap - disk), Steel (spring), NBR (seals)
- Flange and anti-splash feature: Galvanized steel
- Seals: NBR
- Screws, Flange: Galvanized steel
- Chain, Ring: Brass
- Basket (only TA80B): Galvanized steel

Temperature

From -25 °C to +100 °C

Weight

L 80 mm 0.33 kg
L 100 mm 0.35 kg



Designation & Ordering code

COMPLETE FILLER PLUG / COMPLETE AIR FILTER

Configuration example 1:	TA80	B	03	A	0	L	1	P01
Configuration example 2:	TA80	G	10	A	2			P01

Serie

TA80

Connections

B	Screwed flange with bayonet mount	**G**	G 3/4"
D	Weld flange with bayonet mount	**N**	3/4" NPT

Filtration rating		Connection: B	D	G	N
00	Without filter (blind filler plug)	•	•	-	-
03	Resin impregnated paper 3 µm	•	•	•	•
10	Polyurethane 10 µm	•	•	•	•

Seals

A	NBR

Valve	Filtration rating: 00	03	10
0 Without valve	•	•	•
1 0.3 bar pressurization valve	-	•	•
2 0.7 bar pressurization valve	-	•	•
9 With anti-splash feature	-	•	•

Version	Connection: B	D	G	N
0 Standard	•	•	-	-
L With padlock tab	•	-	-	-

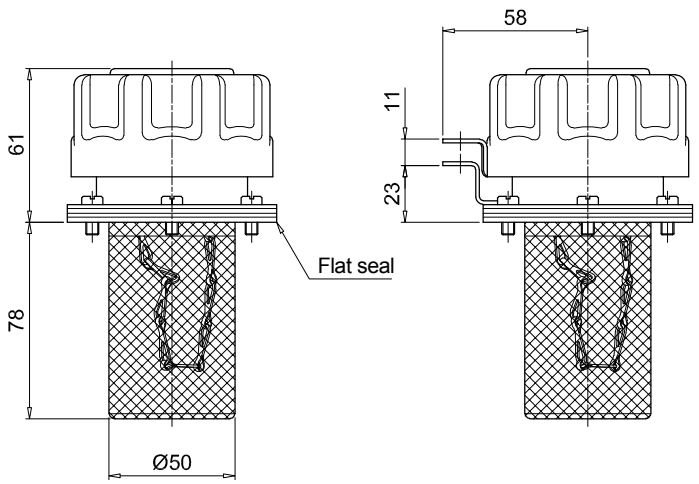
Basket	Connection: B	D	G	N
0 Without basket	•	•	-	-
1 With basket 80 mm	•	-	-	-
3 With basket 100 mm	-	•	-	-

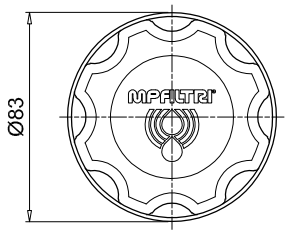
Execution

P01	MP Filtri standard
Pxx	Customized

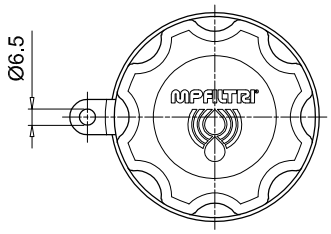
TA80

Screwed flange

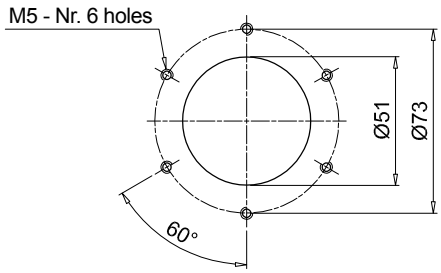




With padlock tab



Holes on the tank



TA80

Weld flange

Threaded connection

