

## DHGP Series

### DESCRIPTION

#### Stacked filter

Connection type and size:

Inlet and outlet diameter: DN6 DN10.5

Maximum flow rate up to 80 l/min

### TECHNICAL PARAMETER

Maximum working pressure: 315 bar

Transmitter opening pressure: 8 bar

Temperature range: -29 to +100



### MATERIALS

Head: Carbon steel

Filter bowl: Carbon steel

Seals: NBR nitrile rubber (standard)

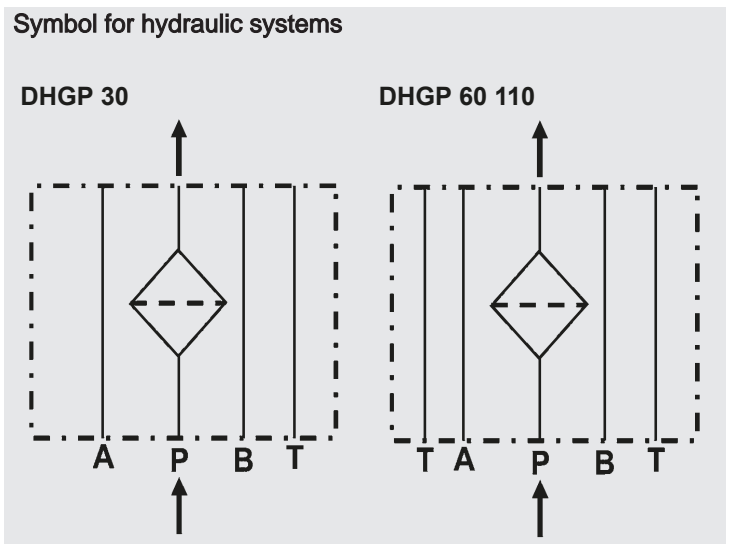
Or FKM fluororubber (customizable)

Filter element material:

Fiberglass and wire mesh

### MEDIA COMPATIBILITY

Suitable for mineral oil, lubricating oil, fire-resistant oil, and rapidly biodegradable media.  
(If used for water-based or special media, please consult our sales department.)



## Ordering Options Table

DHGP 60 C F 10 N B

Filter model

Filter specification

30 60 110

Connection type and size

Type	Port	Filter size		
		30	60	110
B	4 ports DN 6	●		
C	5 ports DN 10		●	●

Filter element material

F: Fiberglass

W: Stainless steel wire mesh

Filter fineness(μm)

(F): 03 05 10 20

(W): 05 10 20 30

Seals

N: NBR V: FKM

Differential pressure transmitter

A: Steel blanking plug in indicator port

B: Visual (Automatic reset )

BM: Visual (Manual reset )

C: Electrical indicator

CM: Visual and electrical indicators

CL: Visual and electrical indicators

D: Electrical indicator

DM: Electrical indicator Plug DT 04-2P

## Filter Element

DYGP 60 F 10 N

Filter element type

Filter element specification

30 60 110

Filter element material

F: Fiberglass      W: Stainless steel wire mesh

Filtration fineness( $\mu\text{m}$ )

(F): 03 05 10 20 (W): 05 10 20 30

Seals

N: NBR V: FKM

### Maintenance Instructions

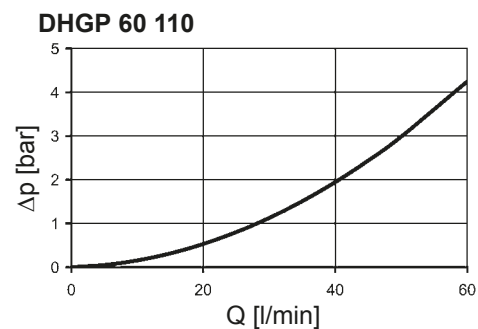
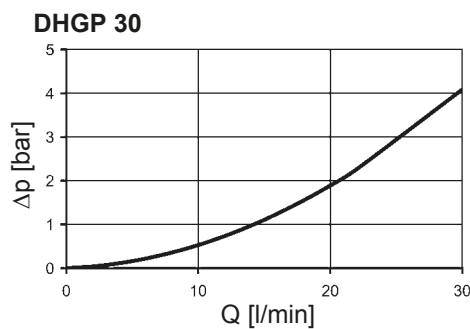
Filter housing must be grounded

When using electric plugging, please replace the filter element.

The system must be turned off before removing the clog indicator light and power connector.

### $\Delta p$ -Q ISO 3968

The housing curves apply to mineral oil with a density of  $0.86\text{kg}/\text{dm}^3$  and a kinematic viscosity of  $30\text{ mm}^2/\text{s}$ . In this case, the differential pressure changes proportionally to the density.



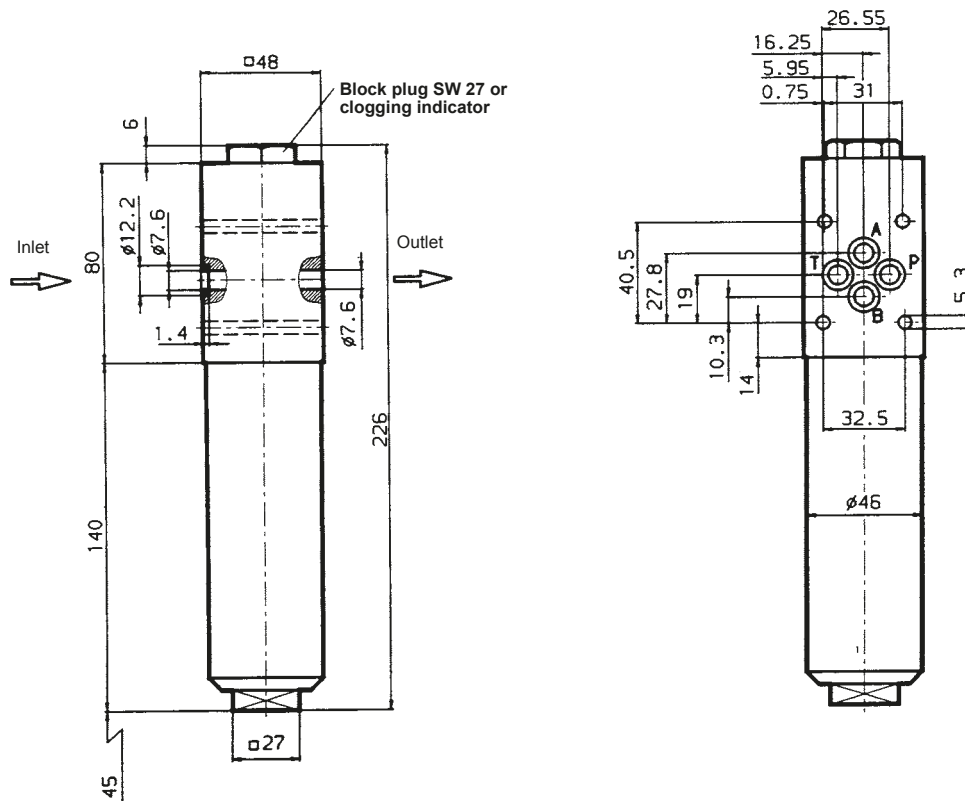
### GRADIENT COEFFICIENTS (SK)

The gradient coefficients in  $\text{mbar}/(\text{l}/\text{min})$  apply to mineral oils with a kinematic viscosity of  $30\text{ mm}^2/\text{s}$ . The pressure drop changes proportionally to the change in viscosity.

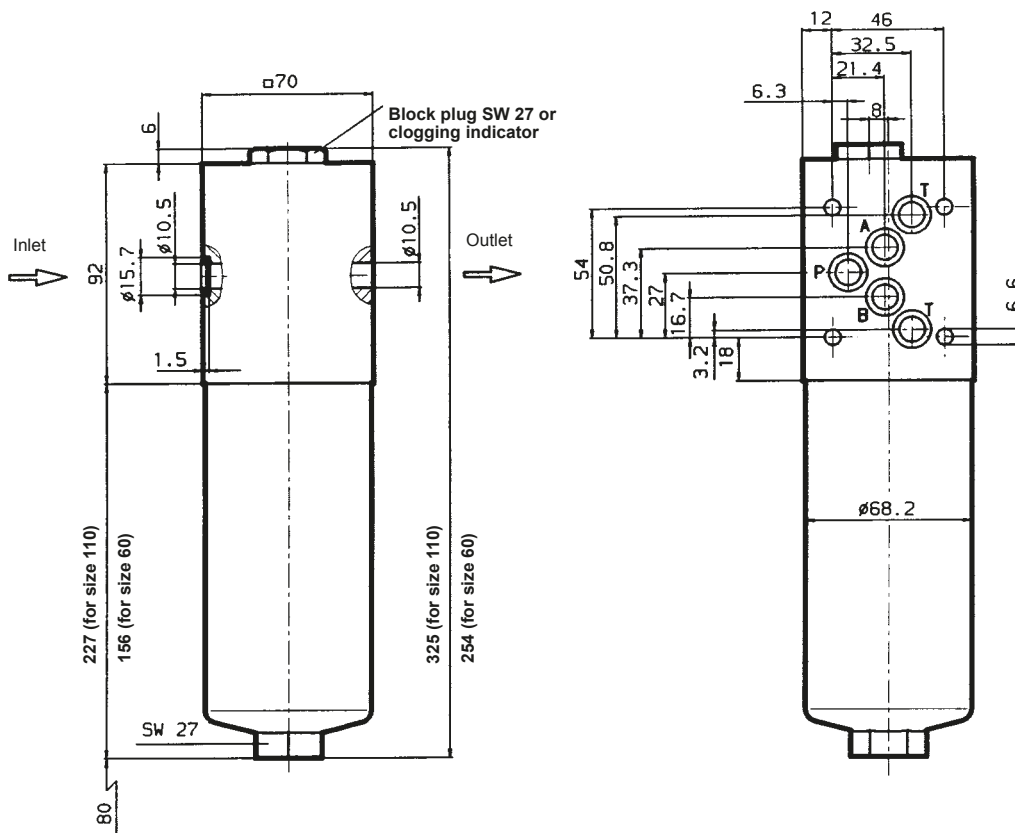
DHGP	F					
	1 $\mu\text{m}$	3 $\mu\text{m}$	5 $\mu\text{m}$	10 $\mu\text{m}$	15 $\mu\text{m}$	20 $\mu\text{m}$
30	77.8	63.9	43.3	22.8	14.0	11.3
60	53.5	26.0	18.3	12.1	9.78	6.32
110	25.8	13.4	9.61	6.06	4.63	2.99

# DIMENSIONS

DHGP 30



DHGP 60 110



DHGP	Weight [kg]	Vol. of pressure chamber [l]
30	2.4	0.13
60	5.9	0.20
110	6.8	0.33

## Annotation

All information in this manual relates to the described working environment and application conditions. For applications and working conditions that are not described, please contact the relevant technical department. Technical modifications are possible.