

# DFH, GFH

## High performance multistage inside apparatus mounted filter for demanding industrial applications

Two-stage interference filters with very high attenuation level for both common mode and differential mode interference. Intended for very sensitive equipment, or environments where interference is frequent and very intensive. GFH is equipped with ground line choke to give additional protection against common mode interference. Available with solderable faston connectors at both ends.

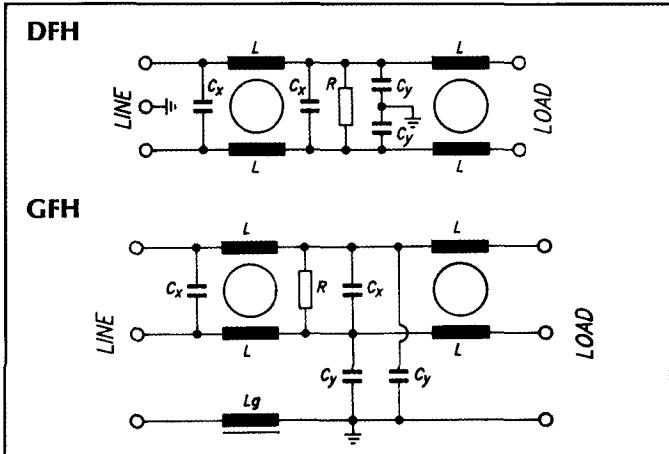
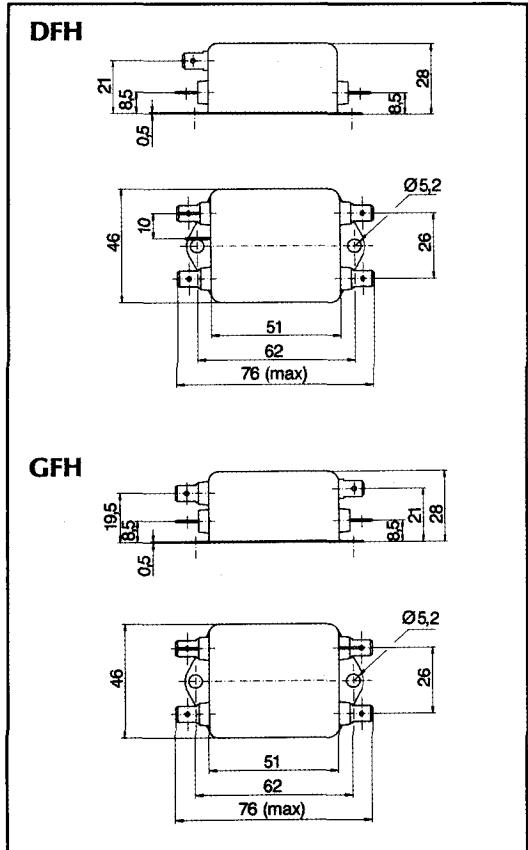
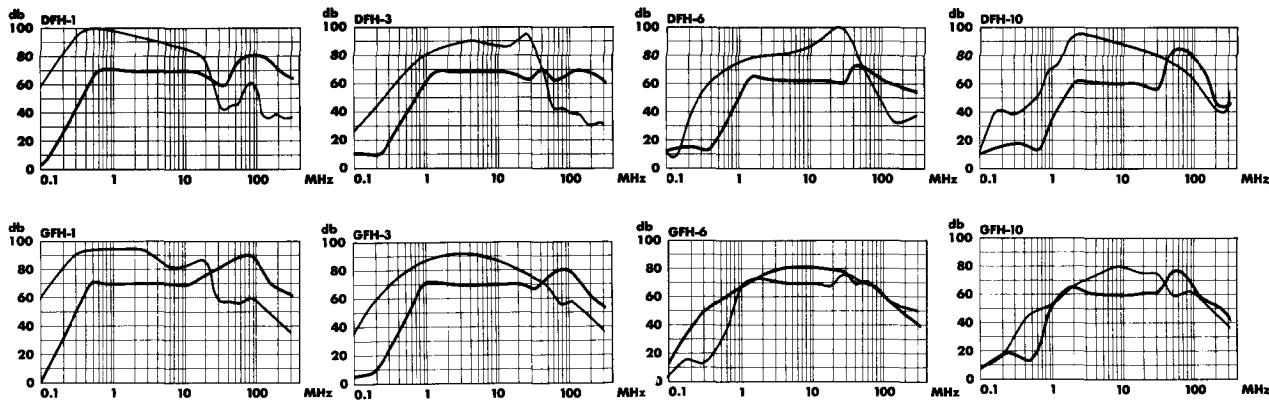
### Approvals:

DFH:

GFH:

### Electrical specifications

Operating voltage	250 V <sub>AC</sub> max. 400 Hz.
Leakage current	See technical data
Rated current	See technical data (For temperature derating, see page 7).
Insulation resistance	min. 6000 MΩ (100 V <sub>DC</sub> ).
Test voltage (100% test)	P-N 1075 V <sub>DC</sub> 1 min; P-N-E 1500 V <sub>AC</sub> 50 Hz 1 min.
Temperature range	-25 ... +85°C.
Climatic category	IEC 68 25/85/21, DIN 40040 HPF (see page 7).



### Technical data

Type	Rated current [A] (40°C)	Max.leakage current [mA] (250V 50 Hz)	Output conn.s	L1&L2 [mH]	Cx [μF]	Cy [pF]	R [MΩ]	Lg [mH]	Weight [g]
DFHF-1	1	2x0.21	F	2x10	2x0.1	2x2200	1	—	130
GFHF-1	1	2x0.21	F	2x10	2x0.1	2x2200	1	0.4	130
DFHF-3	3	2x0.21	F	2x2	2x0.1	2x2200	1	—	130
GFHF-3	3	2x0.21	F	2x2	2x0.1	2x2200	1	0.4	130
DFHF-6	6	2x0.21	F	2x0.8	2x0.1	2x2200	1	—	130
GFHF-6	6	2x0.21	F	2x0.8	2x0.1	2x2200	1	0.4	130
DFHF-10	10	2x0.21	F	2x0.3	2x0.1	2x2200	1	—	130
GFHF-10	10	2x0.21	F	2x0.3	2x0.1	2x2200	1	0.4	130

Connectors: F = Faston 6.3 x 0.8