

INTERFERENCE SUPPRESSION FILTER

FPZ - 100

Application:

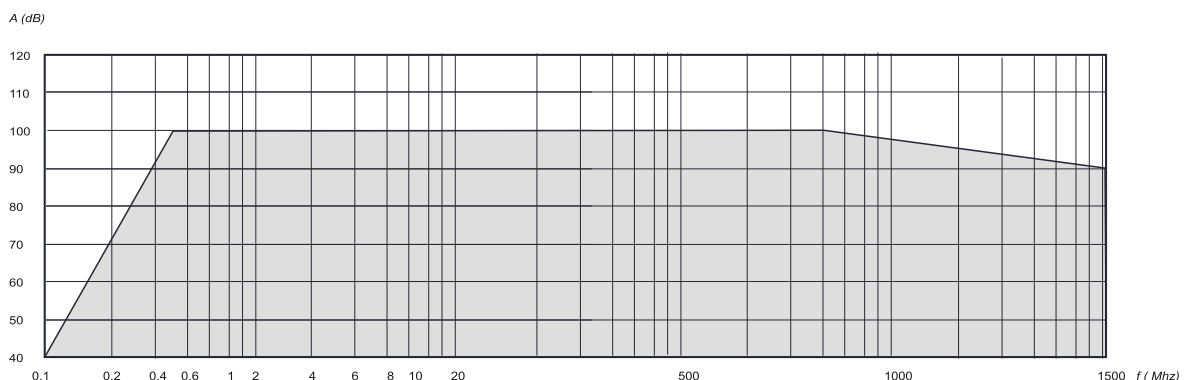
FPZ-100 filter is designed to suppress radio interference generated by industrial equipments. It protects one current lead against radio interference and can be operated as independent units or as components in interference suppression filters. Filter consists of non - inductive capacitors (as capacitance) and feedthrough conductor with cylindrical ferrite core (as inductance). It is enclosed in hermetic steel casing.

Technical data:

Climatic category	25/070/04
Rated capacitance	1,9 μ F
Capacitance tolerance for:	$\pm 20\%$
Rated voltage at 50 Hz	380 V~ lub 500 V-
Rated current	100 A, 150 A
Rated inductance	16 μ H
Inductance tolerance	$\pm 40\%$
Insulation resistance	≥ 100 M Ω
Electric endurance insulation	2500 V-/60 s
Weight for 100 A, 150 A	850 g.



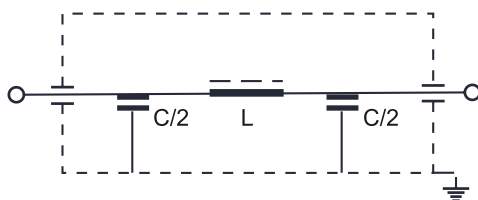
Filter attenuation:



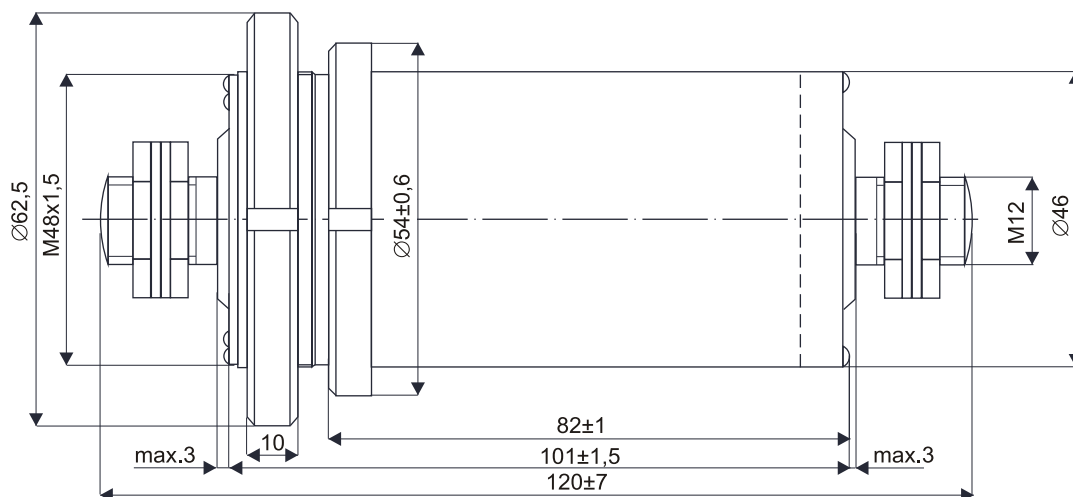
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Electric diagram:



Drawing for 100 A, 150 A:



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