

Product datasheet

Specifications

Anti-Harmonic Detuned Reactor

BRH3 7% for Capacitor 3P 80kVAr 440V

BRH3740080



Standard	EN60076-6, EN61558-2-20
Filtering factor	7%
Rated line voltage	400V
Rated frequency	50Hz
In	102.6A
Ith	121.1A
Linearity	1.8In
Inductance L	3*0.54mH
Inductance tolerance	±5%
% of Harmonic currents	I3=4%; I5=38%; I7=12%; I11=4%
Matching capacitor	80kVAr / 440V / 3P
Power loss	327W at 75°C
Winding material	Aluminum foil
Dielectric test	3kV / 60s
Protection class	IP00
Insulation class	H (180°C)
Impregnation	Resin VPI
Cooling method	Natural air (AN)
Ambient temperature	-25 to +50°C
Environ clim. And fire res. Class	E1 C1 F0
Accessories	The built-in thermostat is set to trip at 135°C and to reset at 90°C (250V, 2A)
Dimension	L x W x H and X x Y 300 x 220 x 260mm and 265 x 145mm

