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Grid Solutions

NOKIAN CAPACITORS

REACTOR

Given the pressure to compensate reactive power, harmonics may cause resonance with the supplying transformer and capacitors. The solution is to install blocking reactors in series with capacitors. The detuned system design keeps the tuning frequency below the lowest harmonic in the system. Reactive power at the fundamental frequency is possible, with no risk of resonance.

Model	:	XKIB
Type	:	Indoor
Frequency	:	50/60 Hz
Rated Voltage	:	200 V to 690 V
Inductance tolerance	:	± 3%
Tuning frequency	:	6, 7, 13 or 14%
Enclosure	:	IP 00
Temperature category	:	Class F
Standards	:	IEC 76, IEC 289

Iron Core Reactor With 6% (204 Hz)Tuning Frequency For Capacitor 525v

REACTIVE (kVAR) POWER	INDUCTANCE (mH)	DIMENSION (MM.) +/- 10mm. WIDTH	HEIGHT	DEPTH	WEIGHT (Kg)
30	1.755	240	230	160	21
40	1.300	240	230	180	25
50	1.049	300	240	180	27
65	0.813	300	280	180	30
75	0.707	300	280	180	33
80	0.663	300	280	185	35
90	0.581	300	320	190	38
100	0.524	300	330	200	41
120	0.439	300	330	220	50

MADE IN FINLAND