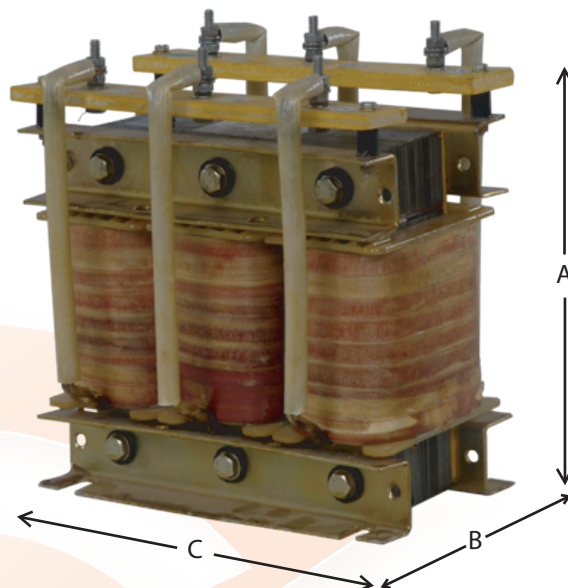


6. Series Reactor (Choke) for Harmonic Protection

Technical Characteristics

Specification	: IS – 5553–1990 / IEC 60289
Frequency	: 50 Hz
Resonance frequency	: 189 Hz(P=7%)
Capacitor voltage	: 440 V
Protection degree	: IP – 00
Standards	: IEC 60289
Output	: from 5 KVAR to 100 KVAR
Type	: Detuned, Copper/ Aluminium wound-iron core dry type



Features

- Limiting inrush current during switching
- Limiting resonance and protection of capacitor banks
- Harmonic filtration
- Lower loss & noise level

Advantages

- Eliminates over voltage and over current in the capacitor bank
- Protects capacitors against harmonics, avoiding premature breakdown of the capacitor bank
- Limits the connection spikes and reduces micro cuts in the voltage thereby extends the life of the capacitor bank

Value	Dimensions (in mm)			Weight (in Kg)
5 KVAR 7%	210	110	170	5.7
10 KVAR 7%	210	110	190	9.1
15 KVAR 7%	210	116	220	12.0
20 KVAR 7%	240	135	220	14.3
25 KVAR 7%	240	135	240	16.4
30 KVAR 7%	240	135	260	18.5
40 KVAR 7%	270	140	280	23.1
50 KVAR 7%	300	145	280	28.0
75 KVAR 7%	300	165	290	41.7
100 KVAR 7%	300	185	300	51