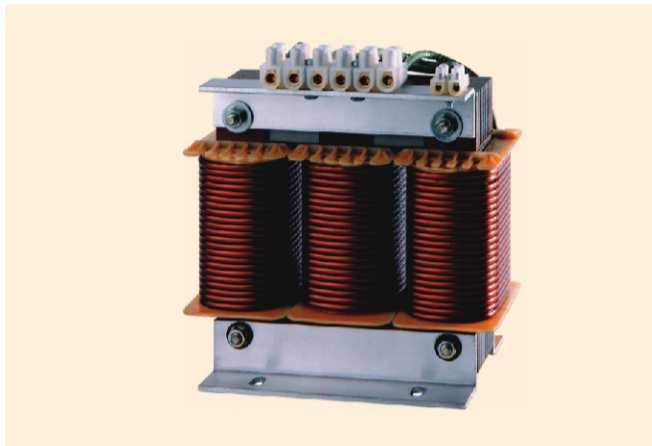


Block Reactors

ISO 9001-2000 Certified

What is Block Reactor 7% ?

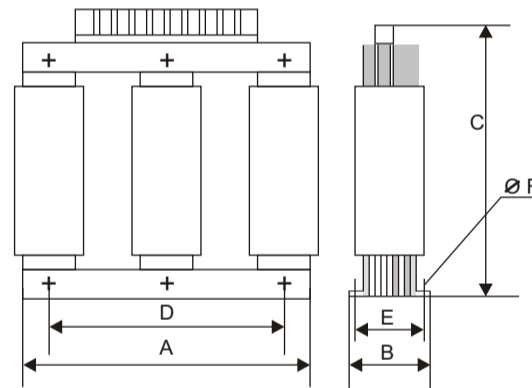


Block Reactors are built with high permeability iron sheet cores and copper windings to provide a variety of Protective Functions -

- To limit short circuit currents to defined levels
- To block Harmonics
- To protect capacitors in Reactive current balancing systems
- To reduce dv/dt values in Drive systems
- In commutation notch protection

Dimension and Weight

Type	A	B	C	D*	E*	F	Weight (kg)
R-5-400	155	112	165	75	85	7	6
R-10-400	180	102	190	90	75	7	8
R-15-400	180	112	190	90	85	7	9.5
RB-20-400	260	124	174	150	90	7	14
RB-25-400	260	124	174	150	90	7	14
RB-30-400	290	124	213	160	90	9	19
RB-40-400	293	124	213	160	90	9	20
RB-50-400	310	144	233	160	110	9	27
RB-60400	305	146	260	160	110	11	31
RB-80-400	335	155	280	180	120	11	38
RB-100-400	338	170	300	180	135	11	50
RB-120-400	355	170	350	200	135	13	58



* Spacing between Mounting Holes

Application

- Protection of capacitors against harmonics and improvement of systems power factor.
- Stabilization of system voltage
- Protection of switchgear and contactors used in capacitor panels.
- Limitation of starting current
- No overload on capacitors
- Better impedance behavior of mains supply



Technical Specification

Insulation Voltage	4 kV
Tolerance	3%
Linearity (5% of L)	1.8 In
Max Ambient Temperature	45° C
Magnetic Core	Oriented grain sheet
Iron Gaps	Multiples
Internal Insulation	Class F 155°C
Maximum Overload	1.1 TIn
Transient (1 min.)	2 In
Protection Thermostat	90°C
Standards	UNE - EN - 60289, IEC - 076
Warranty	One year from the date of invoice

Ordering Information

Type	R-5-400, R-10-400, R-15-400, RB-20-400, RB-25-400, RB-30-400, RB-40-400, RB-50-400, RB-60400, RB-80-400, RB-100-400, RB-120-400
kVAR Rating of Capacitor used	Specify
Voltage Rating of Capacitor used	460 V

Conzerv strives for continuous product innovation. Product specifications are therefore subject to change without notice.
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Energy Audits, Power Quality Audits, Tuned Harmonic Filters, Training on Energy Efficiency, Energy Management Systems, Reactive Power Compensation, Block Reactors, Power Factor Improvement, Multi-Function Meters, Intelligent Power Factor Controllers, Power Analysers, Portable Palm Top Analysers, Genset Synchronisation Meters, AMF Relays, Electronic Energy Meters, Digital Panel Meters, Static Watt Hour Meters, Power Capacitors HT & LT, Current Probes & Voltage Probes.

Conzerv Representative	
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Customer Help Desk 1600 425 0555 (Toll Free All India from BSNL / MTNL lines) Or Call 080 2852 0604 (Standard Charges Apply)

Email contact@conzerv.com

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