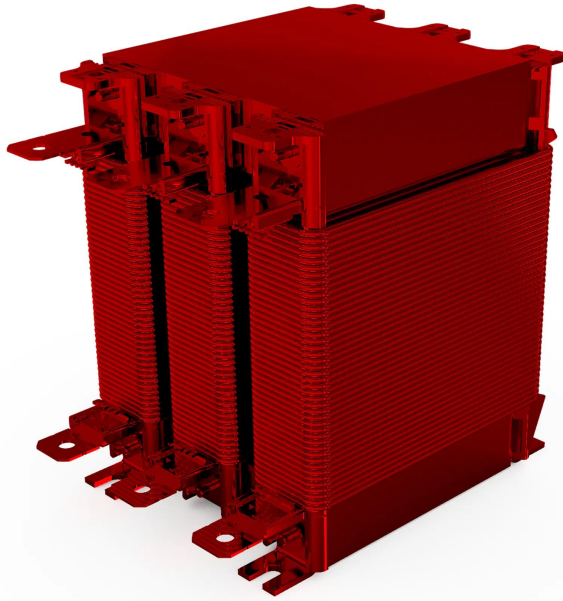


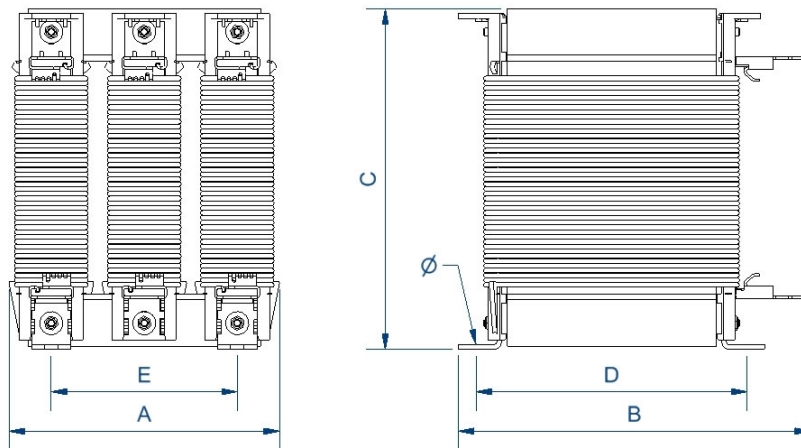
Three-phase blocking reactors with bimetal overtemperature protection, 14% filtering factor, resin finished and anti-flash varnished.



Technical characteristics

| | |
|-------------------------|----------------------------|
| Line voltage | 400 V |
| Capacitor rating | 30 kvar (460 V, 50 Hz) |
| Effective rating | 25,9 kvar |
| Rated current | 29,2 A |
| Reactor | 3,0798 mH (50 Hz) |
| Inductance tolerance | 3% |
| Resonance frequency | 134 Hz (p 14%) |
| Harmonic currents | I3 - 10%, I5 - 9%, I7 - 5% |
| Thermal overload factor | 0,05 |
| Frequency | 50 Hz |
| Protection degree | IP-00 |
| Cooling | AN |
| Ambient temperature | 45°C |
| Temperature rise | Class F - 155°C |
| Insulation | Clase H - 180 °C |
| Windings | Class HC - 200 °C |
| Test voltage | 3 kV (1 min, 50 Hz) |
| Includes | Bimetal thermal protection |
| Standards | IEC/EN/UNE-EN 60076-6, CE |
| Mounting | Screws |
| Weight | 29,2 kg |

Dimensions



Dimensions (AxBxCxDxE): 240x200x320x125x160 mm 9Ø

Three-phase blocking reactors with bimetal overtemperature protection, 14% filtering factor, resin finished and anti-flash varnished.

Features

Reactor

Anti-flash varnish finish, offering:

- Protection against corrosive environments
- Increase of electrical isolation
- High compression capacity
- Reduction of noise level
- Increase of product's lifespan

Safety class I

Includes thermal protection against overtemperatures

Possibility of tailor-made manufacturing

Technical remarks about the use of detuned reactors:

- They avoid resonance between the feeding transformer's inductance and the capacitance of capacitors' bank
- They eliminate overvoltages and overcurrents either from the transformer and from the capacitors' bank
- They protect capacitors against harmonics avoiding early aging
- They limit connection peaks of the capacitors' bank increasing their lifespan and reducing microcuts in the feeding voltage

Downloads
