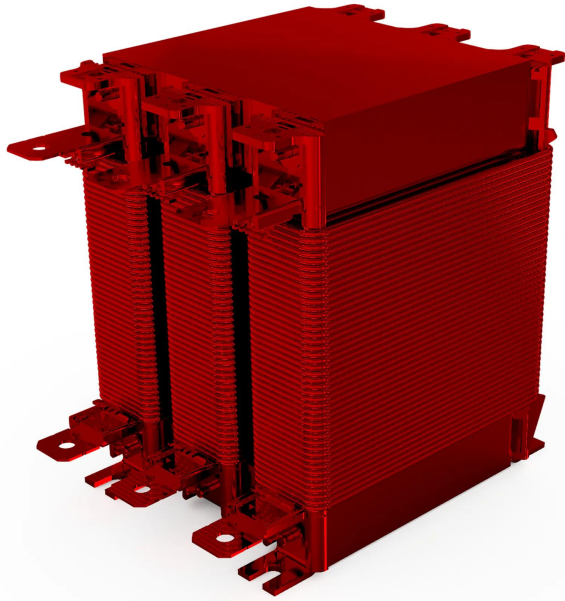


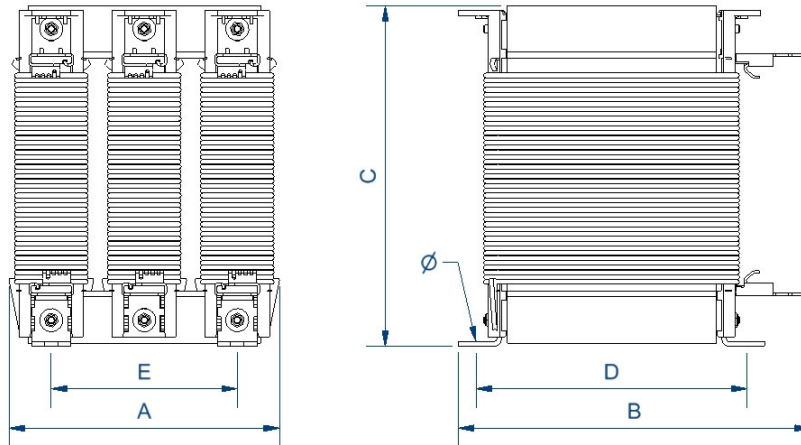
Three-phase blocking reactors with bimetal over-temperature protection, 5.67% filtering factor, resin finished and anti-flash varnished.



## Technical characteristics

|                         |                             |
|-------------------------|-----------------------------|
| Line voltage            | 400 V                       |
| Capacitor rating        | 100 kvar (440 V, 50 Hz)     |
| Effective rating        | 87,3 kvar                   |
| Rated current           | 126,1 A                     |
| Reactor                 | 0,3493 mH (50 Hz)           |
| Inductance tolerance    | 3%                          |
| Resonance frequency     | 210 Hz (p 5,67%)            |
| Harmonic currents       | I3 - 6%, I5 - 56%, I7 - 19% |
| 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                  | 40,8 kg                     |

## Dimensions



Dimensions (AxBxCxDxE): 240x235x320x160x160 mm 9Ø

Three-phase blocking reactors with bimetal over-temperature protection, 5.67% filtering factor, resin finished and anti-flash varnished.

## Features

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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

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