REFERENCE DATA

1600 kVA Dry-Type Transformer

Source design: BEZ aTSE 818/10

These are third-party published reference values, not Zoe factory measurements or guaranteed purchase specifications. Confirm the offered design and test conditions before ordering.

Capacity	1600 kVA
Reference voltage / frequency	10 / 0.4 kV; 50 Hz; three phase
Connection	Dyn family; clock number specified by project
Cooling	AN (natural air)
Tapping	De-energized HV links, +/-2 x 2.5% reference selection
No-load loss	1,980 W
Load loss	13,000 W at 120 C
Impedance	6 %
Overall envelope	1720 x 980 x 2015 mm
Total reference mass	3,640 kg
Reference service limits	40 C maximum ambient; altitude <=1000 m

Use the listed 120 C correction basis. BEZ also publishes a separate 75 C number; do not interchange them.

Source A x B x C envelope without enclosure. A new enclosure, terminal box or alternative winding design changes size and mass.

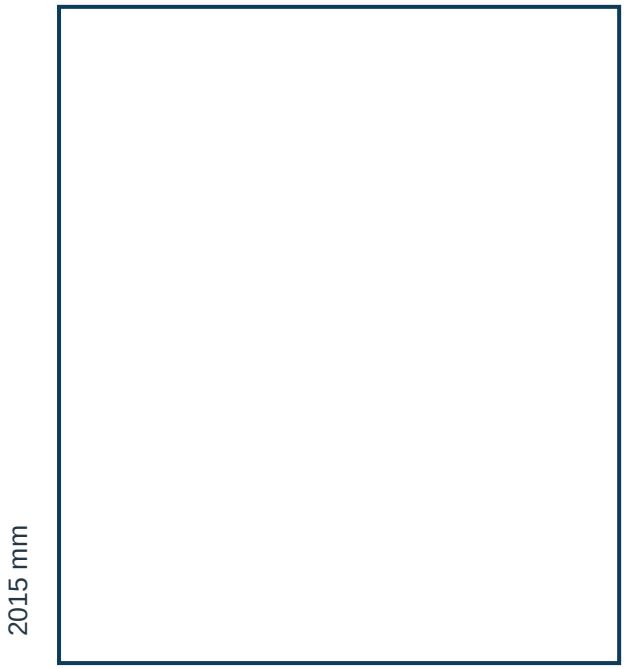
Public manufacturer source:

https://www.bez.sk/wp-content/uploads/2025/04/BEZ_DRY_transformers_catalogue_05_2025_ENG.pdf

REFERENCE DATA

1600 kVA Dry-Type Transformer - Simplified envelope

Bounding envelope only - not to scale. Rectangles do not show real coil, bushing, terminal, bolt or foundation positions. Do not use this illustration for construction, lifting or installation.



Front envelope

Side envelope

Envelope: 1720 x 980 x 2015 mm

Dry: A (front width) x B (depth) x C (height), without enclosure. Oil: source L x W x H. An offered design may have different dimensions.

No operating clearances, maintenance space, cable-bending allowance, removable accessories or enclosure additions are included in this simplified illustration.

Source: BEZ aTSE 818/10. See the source link and limitations on page 1.