

# Transformer Toroidal



RoHS  
Compliant



## Specifications:

Input Voltage : 230V  $\pm$  10% 50/60Hz  
 DC Resistance : 3.56 $\Omega$   $\pm$  15% @ 20°C  
 Magnetising Current : 15mA approx. @ 230V 50Hz

## Losses

Iron Loss : 1.8 Watts approx.  
 Copper Loss : 16.36 Watts approx.  
 Efficiency : 94% typical  
 Temperature Rise : 48°C approx.  
 Ambient Rated : 40°C

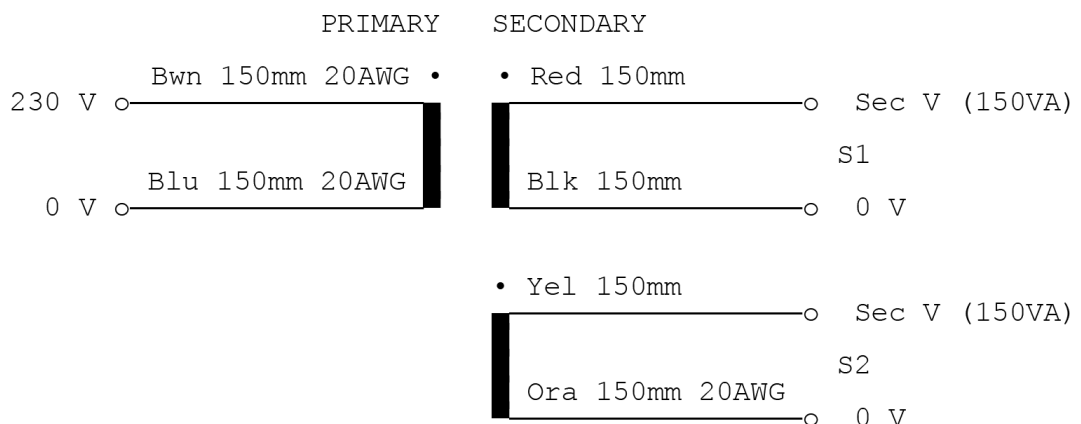
## Temperature Class

Winding Wire : Class H (180°C)  
 Insulation System : Class B (130°C)  
 Leadout Insulation : Class A (105°C)  
 Overall : Class A (105°C)

## Approx. Dimensions/weight (mounting excluded)

Diameter : 107mm\* \* allow extra 5mm  
 Height : 58mm\* over leadout area  
 Weight : 3.19kg

## Schematic



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## Termination

All leads Tri-Rated style cable rated 600V /105°C VW-1. Primary leads double insulated with PVC sleeving for a minimum of 20mm. Lead lengths  $\pm$  5mm approx. All leads ends tinned to 6mm.

Pri/Sec leads    0°

## Part Number Table

Description	On Load Sec V	Rated amps per Sec	Off load Sec V	Sec Flex Gauge	Sec Ohms @ 20°C.	Part No.
Transformer, 300VA, 2 × 25V	25	6	26.3	18AWG	0.14	MCFE300/25
Transformer, 300VA, 2 × 30V	30	5	31.5	20AWG	0.18	MCFE300/30
Transformer, 300VA, 2 × 35V	35	4.29	37	20AWG	0.27	MCFE300/35

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