

**General Characteristic:**

DSFA11600BPA00A

Design	Cast resin transformer		
Application	Distribution		
Model	TMCRES	MB	
Installation	Indoor		
Rating Power	[kVA]	<b>1600</b>	
Cooling	AN		
Nominal MV voltage	[V]	10000	
MV voltage tapplings (at no load)	+2 -2 x 2,5%		
Nominal LV voltage (at no load)	[V]	400	
MV insulation level	[kV]	12 / 28 / 75	
LV insulation level	[kV]	1,1 / 5 / -	
Rated frequency	[Hz]	50	
Number of Phases	3		
Vector group	Dyn11		
MV / LV winding conductor material	Al	/	Al
MV / LV winding insulation method	Casted in mould	/	Impregnated
Ambient temperature	°C	40	<b>Storage -45°C</b>
Max average temperature rise HV/LV	[K/K]	100 / 100	
Temperature class HV/LV	F / F		
Altitude (a.s.l.)	[m]	1000	
Environmental, Climatic, Fire classes	E2 , C2 , F1		

**Guarantee values:**

Standards for tolerances	GOST R 52719		Tolerance
Impedance	[%]	6	±10%
No load losses	[W]	2800	+15%
Load losses at: 75/120 °C	[W]	12700 14500	+10%
No load current	[%]	0,9	+30%
Partial discharge level	[pC]	< 10	
Noise level at 1m Lpa / LwA	[dBA]	60 73	

**Degree of protection / Dimension / Weight**
**Dimension IP00**

Lenght	[mm]	1650
Width	[mm]	1000
Height	[mm]	2000
Roller pitch	[mm]	820 x 820
Transformer weight	[kg]	3200

**Standard Accessories**

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Rating plate	1
Bi directional wheels	4
Lifting lugs and pulling eyes	4
Earthing terminals	2
Off circuit tap changer on MV winding	3
Probes terminals box	1
temperature probes PT100	3

**Accessories extra**

**Quantity**

MT200 temperature monitoring unit	1
Set of fans	1
VRT200 fans control	1

Notes: