

**Date** **27/06/2022**
**TECHNICAL DATA**

Item				
Quantity		Nr.		
Specification nr.			/	
Type			TES-R	
Insulation type			Cast resin	
Cooling system			AN	
Ambient temperature		°C	-25 / +40	
Climatic conditions			Normal	
Loading conditions			Distribution	
Nominal power		kVA	400	
Number of phases		Nr.	3	
Frequency		Hz	50	
Primary voltage		V	12400	
Tappings		V	± 2 x 2,5%	
No load secondary voltage		V	380 + n	
Vector group			Dyn11	
No load losses		W	950 +15% tol.	
Load losses at 75°C		W	5200 +15% tol.	
Load losses at 120°C		W	5900 +15% tol.	
No load current		%	0,7	
Impedance voltage		%	6,0	
Efficiency 120°C	4/4 cosfi	1	%	98,32
	4/4 cosfi	0,8	%	97,90
PEI (Peak Efficiency Index)			%	/
Voltage drop	4/4 cosfi	1	%	1,644
	4/4 cosfi	0,8	%	4,741
Thermal insulation class			F / F	
Primary insulation levels		kV	17,5 - 38 - 95	
Secondary insulation levels		kV	1,1 - 3	
Windings material		HV / LV	Al / Al	
Core temperature rise		°C	100	
Windings temperature rise		°C	100 / 100	
Sound pressure level		dBA	57	
Sound power level		dBA	70	
Amb./Climatic/Fire beh. classes			E3 - C2 - F1	
Partial discharge		pC	<10	
Dimensions	L x W x H	mm	1320 x 760 x 1510	
Total weight		kg.	1.200	
Wheels distance		mm.	670 x 670	
Wheels dimensions		mm.	125 x 40	
Transport dimensions	L x W x H	mm	1320 x 760 x 1510	
Transport weight		kg.	1.200	

**Note: Dimensions and weight not binding**