

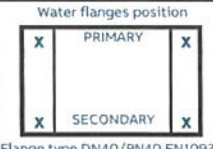
Quotation : OV1901531-3		Application : DISTRIBUTION		Description : Transformer	
Item : 50.0	Quantity : 1	Customer ref: TR 2000/2667 kVA Type VPI		Reference Standards : ANSI	

DISTRIBUTION TRANSFORMER					
		Primary winding	Secondary winding I		
No. of phases	-	3	3		
Rating	[kVA]	2000/2667	2000/2667		
Duty	[%]	100	100		
Rated voltages no load	[kV]	13.800	0.480		
Voltage taps	-	±2X2.5%	---		
Connections	-	Delta	Wye		
Maximum system voltage	[kV]	15	1.2		
Power frequency withstand	[kV]	34	4		
Basic impulse level ^B	[kV]	95	10		
Winding material	-	Copper	Copper		
Type of insulation	-	Vacuum Pressure Impregnated	Vacuum Pressure Impregnated		
Insulation temperature class	-	220	220		
Temperature rise class	-	150	150		

No-load losses	[kW]	4.6	Ambient temp. min/max	[°C]	-5 / 40
Load losses @ 75 °C	[kW]	18.5	Enclosure protection degree	-	NEMA 1
Impedance voltage	[%]	5.66	Overall dimensions (LxWxH) ¹	[mm]	2540 X 1520 X 2600
Vector group	-	Dyn11	Weight with given IP ¹	[kg]	5500
Frequency	[Hz]	60	Enclosure colour	-	RAL 7035
Cooling	-	ANAF	IPOO colour	-	T.B.A.
Installation location	-	Indoor	Sound pressure level at 1m	[dB(A)]	
Installation above sea level	[m]	<= 1000			

Terminations		Primary winding	Secondary winding I
Terminations / material		Bar / Tinned Copper	Bar / Tinned Copper
Cable entry position		HV Short side	LV Short side
Cable entry through		Polyester Gland Plate	Polyester Gland Plate
Number of cables / diameters		T.B.A. / T.B.A.	T.B.A. / T.B.A.

Accessories included in price			
1	Rating plate/Lifting lugs/Earthing points	Yes	Included
2	Bi-directional wheels		
3	PT100 sensors (For coils)	3	Included
4	PT100 sensors (For cooling air)		
5	PT100 sensors (core)	1	Included
6	PTC sensors		
7	Auxiliary box	Yes	Included
8	Temperature monitoring unit (TMU)	Yes	Included
9	Extension (4-20mA) for TMU		
10	Anti-condensation heaters		
11	Surge arrester ³		
12	Electrostatic shield		
13	Earthing balls on MV or LV terminals		
14	Elastic mounts (dampers)		
15	IR inspection window		
16	Primary side cable box		
17	Secondary side cable box		
18	Forced ventilation (without control circuit)	Yes	Included
19	Control circuit for fans		
20	Measuring CT on LV side		
21	Measuring CT on MV side		
22	Protection CT on LV side		
23	Protection CT on MV side		
24	Neutral CT		
25	Premag TX from LV source + fuses		
26	Premag sequence control circuit		

Hydrocooler data (if AFWF)			
Q.ty of heat exchangers	-	---	
Inlet/outlet water temp.	[°C]	---	
Water flow	[m³/h]	---	
Water pressure drop	[Kpa]	---	
Rated max./test pressure	[bar]	---	
Leakage detector	-	---	Flange type DN40/PN40 EN1092-1

Notes		Fotos Ejemplo
Viendo de frente el TRA, el desconector estara del lado derecho y el tablero del lado izquierdo. > Cables primario del lado derecho (los cables vienen del lado derecho y se conectan en la parte frontal del TRA). > Barras del Secundario conexión hacia lado izquierdo (parte trasera arriba)		
Packing type : Seaworthy Packing		
Three phase supply for fan motors : Client to advise		
Extra costs for type tests (routine tests already included) Witnessed FAT Temperature rise test (per unit) USD Not requested Impulse withstand test (per unit) USD Not requested Sound pressure test (per unit) USD Not requested Extra costs for Certification In accordance with --- USD Not applicable		