

HENAN GNEE ELECTRIC CO., LTD.

SPECIFICATION

OIL IMMERSED TRANSFORMER

1500 KVA. 3 Ph. 50 Hz

22000 -400/230 V.

1. Transformer Core Specification Table

Rated power		.....KVA 1500
Type of transformer	-	Oil immersed (Hermetical sealed tank)
Standard	-	IEC 76
Cooling System	-	ONAN
No. Of phase	-	3
Frequency	.....Hz	50
Rate of voltage : Primary	.....V.	22000
: Secondary Vector group	.....V.	400/230
Tapping Type	-	Off circuit tap changer
No. of steps	-	5
Percentage of tapping	-	+ 2 x 2.5 %
Impedance voltage at 75 C	.....%	4
NO - Load current	.....%	1
Ambient temperature	.....C	40
Average Temperature	.....C	65

Rated power		.....KVA	1500
rise of winding			
Average Temperature		.....C	60
rise of top oil			
Noise level not more		.....dB	56
than			
No - Load loss		.....Watt	1820
Load loss at 75 C		.....Watt	17850
	: 25 % of rate	.....%	98.94
	power		
	: 50 % of rate	.....%	98.08
Efficiency at P.F. = 1	power		
	: 75 % of rate	.....%	98.79
	power		
	: 100 % of rate	.....%	98.56
	power		
Voltage regulation	: at P.F. = 0.8	.....%	3.22
	: at P.F. = 0.9	.....%	2.71
	: at P.F. = 1.	.....%	1.17
Impulse Withstand	: Primary		
Voltage	winding	.....KV.	125

Rated power		.....KVA	1500
	: Secondary winding	.....KV.	-
Power Frequency	: Primary winding	.....KV.	50
	: Secondary winding	.....KV.	3
Terminal arrangement			Cable
H.V. Side			Cable
L.V. Side			Cable
Installation on			Pole mounted / Platform

2. Parts List Table 1

NO	DESCRIPTION	QTY.
1	NAMEPLATE WITH CONNECTION DIAGRAM	1
2	HV. BUSHING W / TERMINAL CONNECTOR	3
3	LV. BUSHING W / TERMINAL CONNECTOR	4
4	TANK	1
5	TAP CHANGE	1
6	EARTH TERMINAL	1
7	OIL DRAIN VALAE	1

NO	DESCRIPTION	QTY.
8	LIFTING EYES ON THE COVER	2
9	OIL LEVEL INDICATOR	1
10	OIL FILLING PIPE	1
11	OIL LEVEL GAUGE	1
12	LOGO	1
13	THERMOMETER POCKET	1
14	ARCING HORN	3

3. Dimension & Weight Table 1

Dimension in millimetres			Total wt. Oil	
H	L	W	(Kgs.)	(Litres)
2250 mm	2470 mm	1580 mm	3720	880
DESIGN No.	001500TR0052003		S/O No. A52001	
NAME	TITLE : OUTLINE DRAWING 1500 KVA. 3			
DRN.BY	Ph. Dyn11			

**Dimension in
 millimetres**

**Total wt. Oil
 (Kgs.) (Litres)**

CHK.BY 22000 - 400 /
 230 v.

APP. BY TYPE : Hermeticall
 sealed tank

4. Parts List Table 2

NO	DESCRIPTION	QTY.
1	NAMEPLATE WITH CONNECTION DIAGRAM	1
2	HV. BUSHING W / TERMINAL CONNECTOR	3
3	LV. BUSHING W / TERMINAL CONNECTOR	4
4	TANK	1
5	TAP CHANGE	1
6	EARTH TERMINAL	1
7	OIL DRAIN VALAE	1
8	LIFTING EYES ON THE COVER	2
9	OIL LEVEL INDICATOR	1
10	OIL FILLING PIPE	1
11	OIL LEVEL GAUGE	1
12	LOGO	1

NO	DESCRIPTION	QTY.
13	THERMOMETER POCKET	1
14	ARCING HORN	3

5. Dimension & Weight Table 2

	Dimension in millimetres			Total wt. (Kgs.)	Oil (Litres)
	H	L	W		
	2250 mm	2470 mm	1580 mm	4500	1250
DESIGN No.		001500TCT0052003		S/O No. A52001	
NAME			TITLE : OUTLINE DRAWING		
DRN.BY			1500 kVA. 3 Ph. Dyn11		
CHK.BY			22000 - 400 / 230		
APP. BY		TYPE : CONSERVATOR TANK			

HENAN GNEE ELECTRIC CO., LTD.

Mob: +8615824687445

Fax: +86-372-5055135

WhatsApp: 8615824687445

Email: sales@gneesteels.com

Add:25th Floor, Huafu Commercial Center, Anyang, Henan Province, China