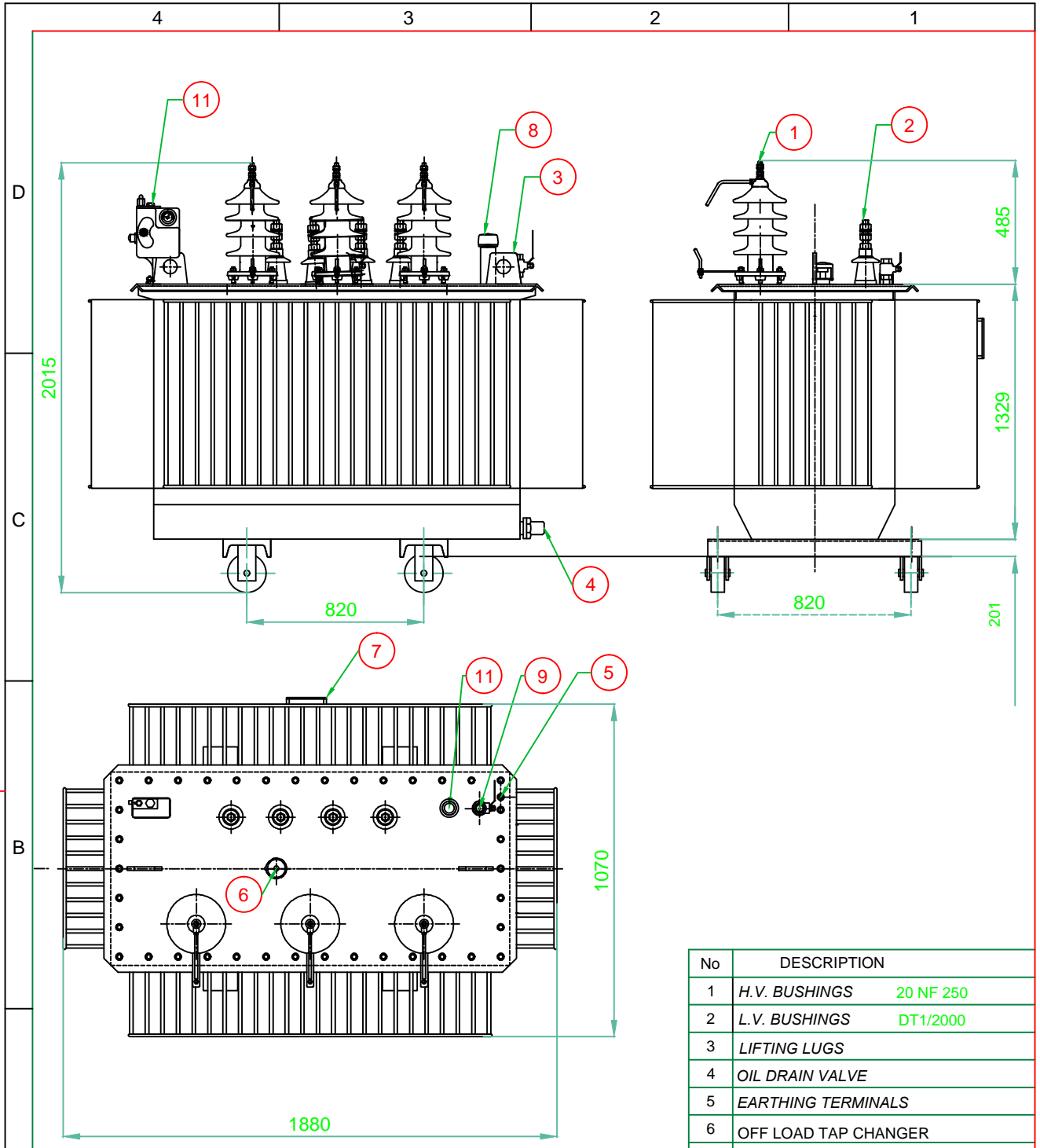


item no	Description	Units	Offered Data
1	Manufacture name / Country of origin		IDEAL TRANSFORMER / ŞANLIURFA / TURKEY
2	Standarts		IEC 60076 / TS 267
3	Type of		Hermetically Sealed
			ONAN
4	Rated Power (kVA)	ONAN	1000
		ONAF	-
5	HV nominal voltage / LV nominal voltage	kV	20 / 0,4
6	Phase number		3
7	Frequency	Hz	50
8	Vector groups		Dyn11
9	Losses:		
	-No load losses at rated voltage	W	690
	-Load losses at rated voltage at 75 °C	W	7600
	-Total losses	W	8290
10	Impedance voltage at 75 °C on nominal tapping with tolerances (%U _k)	%	6 (± %10 Tolerance)
11	Resistance voltage at full load and 75 °C (%U _r)	%	0,67
12	Reactance voltage at full load at 75 °C (%U _x)	%	6,24
13	No load current	%	0,13
14	Temprature rise limit		
	-for oil / winding	°C	60 / 65
15	Site altitute: less than	M	1000
16	Tap changer:		
	- Type		off load tap changer
	- Number of tapping steps & Range		(+)2x %2,50 (-)2 x %2,50
17	Impulse full wave (H.V. / L.V.)		125/3
18	Impulse chopped wave (H.V. / L.V.)	kV	95/3
19	Applied voltage test	kV	50
20	Induced voltage test		0,80
21	Efficiency :		
	- %25 load	%	99,27
	- %50 load	%	99,56
	- %75 load	%	99,76
	- %100 load	%	99,89
22	Regulation :	%	
	-1.0 power factor	%	0,67
	-0.8 P.F lagging	%	4,94
23	Noise level	dB	34,80
24	Current densitny in windings	Amps/sq.cm	
	-H.V. Winding		0,76
	-L.V. Winding		1,04
25	Winding material :		
	-HV		Aluminum
	-LV		Aluminum
26	Maximum flux density at normal voltage and frequency and at normal ratio :		
	-Core	T	1,14
	-Yoke	T	1,14
27	Painting color	micron	Ral 7033
	Thickness	micron	105
28	Type of tank		with Corrugated walls
29	Thickness of transformer tank	mm	
	-Side		6
	-Bottom		6
	-Corrugated radiators		1,20
30	Type and class of insulation		Uniform / A Class
31	Transformer Oil		NYNAS Lyra X
32	Oil weight	kg	862,79
33	Total weight	kg	4140
34	Dimensions (length / width / height)	mm	1880/ 1070/ 1885

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No	DESCRIPTION
1	H.V. BUSHINGS 20 NF 250
2	L.V. BUSHINGS DT1/2000
3	LIFTING LUGS
4	OIL DRAIN VALVE
5	EARTHING TERMINALS
6	OFF LOAD TAP CHANGER
7	RATING PLATE
8	PRESSURE RELIEF VALVE
9	OIL FILLING AND FILTER VALVE
10	WHELLS (160)
11	COMBINED RELAY (DMCR)
12	
13	
14	
15	

ALL DIMENISONS + % 5 TOLERANCE

	DRAWN	DATE	NAME	SING.	General Tolerance TS 1980	
	CHECKED	10.10.2023	mehmet		REV.NO / DATE	00
	APPROVAD				PAGE NO	1/1
SCALE	1000KVA-20/0.4KV DIMENSION DRAWING				DRAWING NO	
0					5012	