



Three-phase oil-immersed hermetically sealed
distribution transformer
30kVA, 0.96/0.42 kV/kV, ZNzn0, $u_k \leq 2.5\%$,

TECHNICAL DATA

1.	Manufacturer		KKM Power d.o.o, Serbia
2.	Transformer type		Oil-immersed, hermetically sealed
3.	Product kind		Three-phase distribution transformer
4.	Standard		IEC 60076 (group of standards)
5.	Rated power	[kVA]	30
6.	Transformer name		DTR 30-0,96
7.	Number of phases		3
8.	Rated frequency	[Hz]	50
9.	Highest voltage of equipment	[kV]	1.1
10.	Insulation level	[kV]	LI20 AC10 / LI20 AC10
11.	Rated primary voltage	[kV]	0.96
12.	Regulation on primary side	Yes/No	No
13.	Regulation range	[%]	-
14.	Rated secondary voltage	[kV]	0.42
15.	Connection group		ZNzn0
16.	No-load losses	[W]	< 115
17.	Load losses at 75°C	[W]	< 750
18.	Impedance voltage at 75°C	[%]	≤ 2.5
19.	Type of cooling		ONAN
20.	Installation altitude	[m]	<1000
21.	Winding material	Cu/Al	Al
22.	Maximum temperature of ambient	[°C]	40
23.	Maximum temperature rise of winding	[K]	65
24.	Maximum temperature rise of oil	[K]	60
25.	Thermal class of insulation		A
26.	Installation conditions		Indoor/Outdoor



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27.	Surface treatment and corrosion protection		Hot dip galvanizing
28.	Approximate length of product	[mm]	890
29.	Approximate width of product	[mm]	610
30.	Approximate height of product	[mm]	950
31.	Approximate mass of oil in product (NYNAS NYTRO 10XN)	[kg]	130
32.	Approximate total mass of product	[kg]	470
ACCESSORIES			
33.	MV porcelain bushing		DIN 42539 3kV; 250A
34.	LV porcelain bushing		DIN 42530 1kV; 250A
35.	Oil drain valve		C2, EN 50216-4