

**KKM**Three-phase hermetically sealed type  
oil-immersed shunt reactor  
3000(2000)kVAr, 20.5kV, YN**FINAL****TECHNICAL DATA**

1.	Manufacturer		KKM Power d.o.o, Serbia
2.	Reactor type		Oil-immersed, hermetically sealed type
3.	Reactor kind		Shunt reactor, for compensation
4.	Standard		IEC 60076-6 (Clause 7)
5.	Reactor name		<b>SSHR2 3000-20.5-0,7</b>
6.	Rated power	[kVAr]	3000 (2000)
7.	Number of phases		3
8.	Rated frequency	[Hz]	50
9.	Highest voltage of equipement	[kV]	24
10.	Insulation level	[kV]	LI 125/AC 50
11.	Rated voltage	[kV]	20.5
12.	Maximum operating voltage	[kV]	22
13.	Winding connection		YN
14.	Rated current	[A]	84.49 (56.33)
15.	Winding material	Cu/Al	Aluminium
16.	Tap changer	Yes/No	Yes, with two taps: 3000kVAr, 2000kVAr
17.	Total losses at 75°C	[W]	<21000 (<14000)
18.	Type of cooling		ONAN
19.	Instalation altitude	[m]	<1000
20.	Minimum/Maximum temperature of ambient	[°C]	-40/40
21.	Maximum temperature rise of winding	[K]	65
22.	Maximum temperature rise of oil	[K]	60
23.	Thermal class of insulation		A
24.	Instalation conditions		Outdoor/Indoor
25.	Anti-corrosive protection		Hot-dip galvanizing
26.	Approximate length of reactor	[mm]	2370
27.	Approximate width of reactor	[mm]	1255
28.	Approximate height of reactor	[mm]	2360
29.	Mass of oil in reactor	[kg]	1650
30.	Total mass of reactor	[kg]	7030

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31.	Accessories	1. Terminals: Phases: Plug-in 36kV, 630A Neutral: Plug-in 36kV, 630A 2. Protection relay: R.I.S.