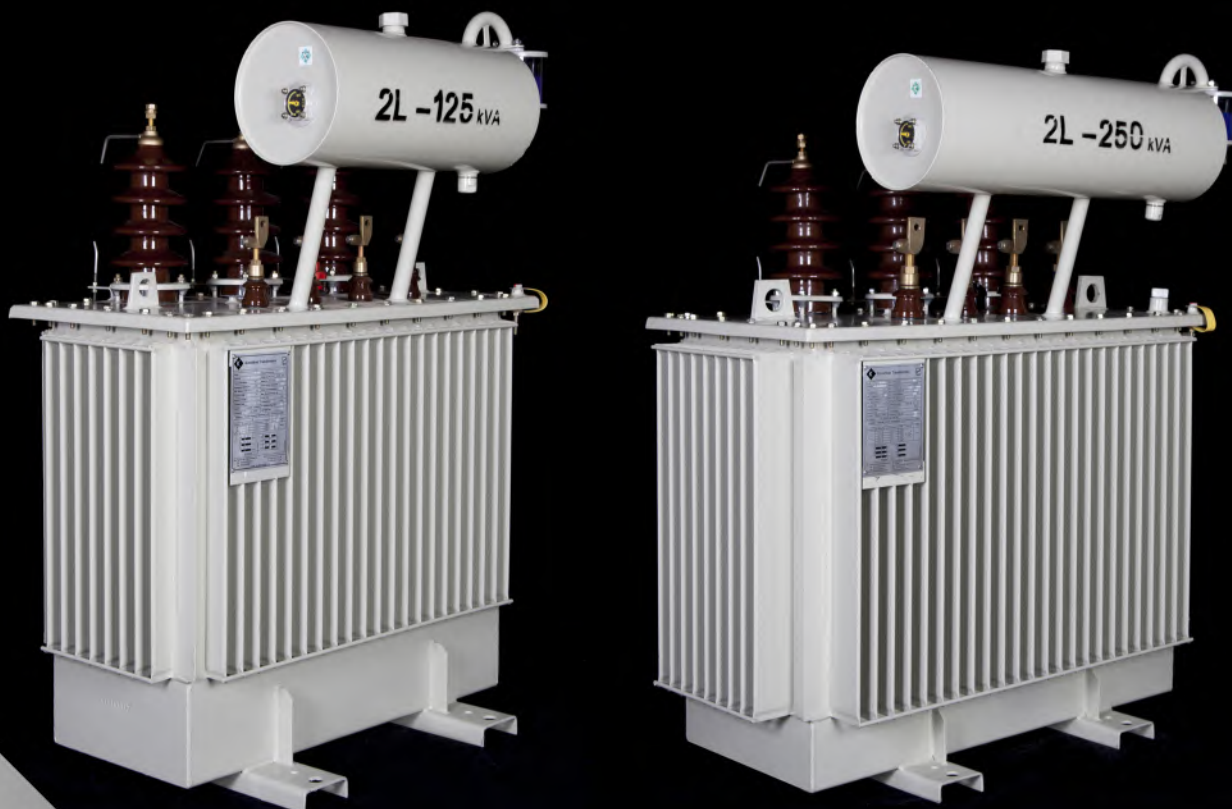




ترانسفورماتور سازی کوشکن

Kooshkan Transformers

## Low Losses AB'-20kV



ترانسفورماتورهای 20/0.4kV راندهمان باس از نوع AB'



THREE-PHASE OIL IMMERSSED HV/LV DISTRIBUTION TYPICAL TRANSFORMERS  
TECHNICAL SPECIFICATION 20/0.4kV , BASED ON TAVANIR REQUIREMENTS  
COMBINATION OF LOSSES ACC. HD 428.1.S1(DIN 42500).ISIRI 13368 : AB

Description

- Acc. to IEC standards;
- Three-phase transformers, for indoor or outdoor use;
- Step-down type (1);
- Rated frequency: 50 Hz (1);
- Max ambient Temp :45°C (1);
- Mineral oil immersed (1);
- Conservator Type(3);
- Cooling: ONAN ;
- Final colour RAL 7032;
- Operation altitude up to 1000m above sea level;

Power (1)	Voltage (1)		Taps in HV side (1)	Vector group (1)	Rated impedance voltage [%]	Losses		Noise level [dB]	Efficiency at full load(min) P.F.=0.8	Total Weight (max) [kg]	Overall dimensions(max)			Wheels interval [mm]	Wheel diameter [mm]
	HV [kV]	LV [kV]				PO No-load [W]	PK Load(2) [W]				A [mm]	B [mm]	H [mm]		
25	20	0.4	±1*4	Yzn5	4	90	700	46	96.06	343	777	724	1216	520	-
50	20	0.4	±1*4	Yzn5	4	145	1100	50	97.00	465	856	702	1256	520	-
75	20	0.4	±1*4	Yzn5	4	203	1420	52	97.37	548	896	707	1336	520	-
100	20	0.4	±1*4	Yzn5	4	260	1750	54	97.52	632	936	713	1357	520	-
125	20	0.4	±1*4	Yzn5	4	305	1990	55	97.70	740	1026	690	1380	520	-
160	20	0.4	±1*4	Yzn5	4	375	2350	57	97.89	875	1076	730	1467	520	-
200	20	0.4	±1*4	Yzn5	4	440	2760	58	97.99	984	1096	735	1537	520	-
250	20	0.4	±2*2.5	Dyn5	6	530	3250	60	98.07	1105	1306	740	1476	520	-
315	20	0.4	±2*2.5	Dyn5	6	625	3850	61	98.19	1330	1487	928	1531	670	-
400	20	0.4	±2*2.5	Dyn5	6	750	4600	63	98.31	1622	1626	928	1816	670	150
500	20	0.4	±2*2.5	Dyn5	6	840	5370	64	98.42	1937	1696	978	1848	670	150
630	20	0.4	±2*2.5	Dyn5	6	940	6750	65	98.46	2208	1733	978	1934	670	150
800	20	0.4	±2*2.5	Dyn5	6	1155	8450	67	98.46	2556	1878	1183	1948	670	150
1000	20	0.4	±2*2.5	Dyn5	6	1400	10500	68	98.49	3075	1960	1053	2175	820	200
1250	20	0.4	±2*2.5	Dyn5	6	1760	13180	69	98.48	3745	1990	1220	2275	820	200
1600	20	0.4	±2*2.5	Dyn5	6	2200	17000	71	98.48	4485	2170	1250	2365	820	200
2000	20	0.4	±2*2.5	Dyn5	6	2800	21250	72	98.53	5035	2196	1351	2406	1070	200
2500	20	0.4	±2*2.5	Dyn5	6	3200	26500	76	98.49	6478	2261	1299	2567	1070	200

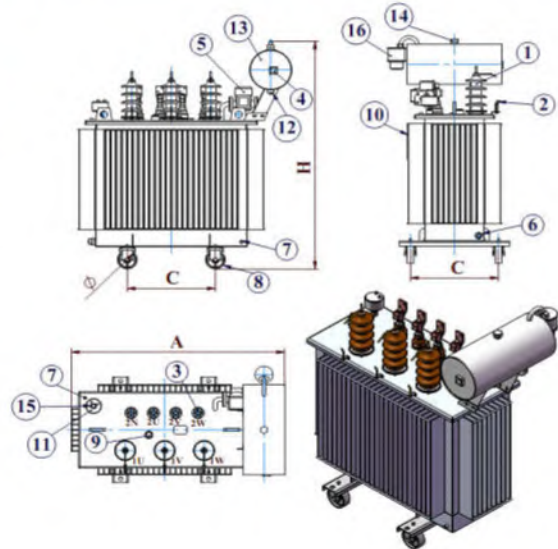
(1) Others upon request, contact us.

(2) Load loss at 75°C.

(3) Hermetically sealed type transformer upon request

No.	Accessory	Power(kVA)				
		25-160	200-315	400-500	630-800	1000-2500
1	HV bushing	•	•	•	•	•
2	Arcing horns	•	•	•	•	•
3	LV bushing	•	•	•	•	•
4	Oil level indicator	•	•	•	•	•
5	Buchholz relay	-	-	-	-	-
6	Oil drain & down sampling valve	•	•	•	•	•
7	Earthing bolt	•	•	•	•	•
8	Wheel	-	-	•	•	•
9	Off circuit tap changer	•	•	•	•	•
10	Name plate	•	•	•	•	•
11	Oil temperature indicator	-	-	-	•	•
12	Drain valve for conservator	•	•	•	•	•
13	Conservator	•	•	•	•	•
14	Filling plug	•	•	•	•	•
15	Thermometer pocket	-	•	•	•	•
16	Dehydrating breather	•	•	•	•	•

• Applied accessory



Notes :

-For other electrical characteristics, dimensions and weights, please consult us.

-Ask for confirmation of the information given in this publication. Present document will bind us only after confirmation from Marketing & sales department.

زنجان . شهرک صنعتی شماره ۱ . انتهای خیابان سهروردی ۱

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