

ПАРАМЕТРЫ

ТРАНСФОРМАТОРОВ

ТРАНСФОРМАТОРЫ "ТА"

Таблица подключения к сети переменного тока трансформаторов ТА

Номинальное напряжение первичной обмотки (Вольт)	Номинальное напряжение сети (Вольт)	Конструкция трансформатора			
		Броневая		Стержневая	
		Соединить	Подать на	Соединить	Подать на
127/220	220	2 и 6	1 и 8	2 и 8	1 и 6
	127	1 и 6 4 и 9	1 и 4	1 и 9 4 и 6	1 и 4
220	220		1 и 8	2 и 8	1 и 6

ЭЛЕКТРИЧЕСКИЕ ПАРАМЕТРЫ БРОНЕВЫХ ТРАНСФОРМАТОРОВ ТИПА ТА С ЧАСТОТОЙ 50 Гц.

Типономинал трансформатора	Номинальная мощность трансформатора	Ток первичной обмотки А	Напряжение в торичной обмотке / Ток вторичной обмотки А								
			Выводы вторичных обмоток								
			11-12 13-14	15-16 17-18	19-20	21-22	11-12 13-14	15-16 17-18	19-20	21-22	
1	2	3	4	5	6	7	8	9	10	11	
ТА1	127/220	15	.16	28	28	6	6	.148	.108	.148	.148
ТА2	127/220	15	.16	28	28	6	6	.056	.176	.176	.176
ТА5	127/220	15	.16	125	112	14	14	.03	.03	.03	.03
ТА7	127/220	15	.16	180	112	20	20	.023	.026	.026	.026
ТА11	127/220	26	.28	28	28	28	6	.26	.21	.026	.026
ТА12	127/220	26	.28	28	28	28	6	.075	.32	.32	.32
ТА13	127/220	26	.28	56	56	12	12	.104	.104	.104	.104
ТА14	127/220	26	.28	56	40	12	10	.15	.075	.15	.15
ТА15	127/220	26	.28	56	40	12	10	.1	.145	.145	.145
ТА16	127/220	26	.28	80	56	20	12	.095	.07	.095	.095
ТА17	127/220	26	.28	80	80	20	20	.075	.07	.075	.075
ТА18	128/220	26	.28	80	56	20	12	.075	.1	.1	.1
ТА19	127/220	26	.28	125	112	14	14	.055	.048	.055	.055

TA20	127/220	26	.28	125	112	14	14	.03	.075	.075	.075
TA21	127/220	26	.28	180	112	20	20	.055	.025	.055	.055
TA22	127/220	26	.28	180	112	20	20	.036	.05	.05	.05
TA23	127/220	26	.28	160	140	20	20	.04	.04	.04	.04
TA24	127/220	26	.28	224	125	25	25	.032	.04	.04	.04
TA25	127/220	26	.28	200	180	20	20	.032	.032	.032	.032
TA26	127/220	26	.28	250	224	25	25	.026	.026	.026	.026
TA27	127/220	26	.28	315	125	35	35	.022	.035	.035	.035
TA28	127/220	36	.35	28	28	6	6	.33	.24	.33	.33
TA29	127/220	36	.35	28	28	6	6	.17	.39	.39	.39
TA30	127/220	36	.35	28	28	6	6	.08	.46	.46	.46
TA31	127/220	36	.35	56	56	12	12	.14	.15	.15	.15
TA32	127/220	36	.35	56	56	12	12	.08	.2	.2	.2
TA33	127/220	36	.35	56	40	12	10	.2	.12	.2	.2
TA33	127/220	36	.35	56	40	12	10	.2	.12	.2	.2
TA34	127/220	36	.35	56	40	12	10	.14	.2	.2	.2
TA35	127/220	36	.35	56	40	12	10	.092	.252	.252	.252
TA36	127/220	36	.35	80	56	20	12	.135	.094	.135	.135
TA37	127/220	36	.35	80	56	20	12	.09	.15	.15	.15
TA38	127/220	36	.35	80	80	20	20	.12	.075	.12	.12
TA39	127/220	36	.35	125	112	14	14	.105	.032	.105	.105
TA40	127/220	36	.35	125	112	14	14	.079	.063	.079	.079
TA41	127/220	36	.35	125	112	14	14	.43	.1	.1	.1
TA42	127/220	36	.35	180	112	20	20	.076	.025	.076	.076
TA43	127/220	36	.35	180	112	20	20	.056	.06	.06	.06
TA44	127/220	36	.35	180	112	20	20	.036	.088	.088	.088
TA45	127/220	36	.35	160	140	20	20	.079	.031	.079	.079

TA46	127/220	36	.35	160	140	20	20	.053	.059	.059	.059
TA47	127/220	36	.35	160	140	20	20	.034	.078	.078	.078
TA48	127/220	36	.35	224	125	25	25	.057	.030	.057	.057
TA49	127/220	36	.35	224	125	25	25	.042	.057	.057	.057
TA50	127/220	36	.35	200	180	20	20	.043	.047	.047	.047
TA51	127/220	36	.35	250	224	25	25	.035	.037	.037	.037
TA52	127/220	36	.35	315	125	35	35	.044	.044	.044	.044
TA53	127/220	36	.35	315	280	35	35	.028	.029	.029	.029
TA54	127/220	36	.35	355	200	40	40	.029	.032	.032	.032
TA55	127/220	40	.4	28	28	6	6	.35	.29	.35	.35
TA56	127/220	40	.4	28	28	6	6	.2	.43	.43	.43
TA57	127/220	40	.4	28	28	6	6	.09	.53	.53	.53
TA58	127/220	40	.4	56	56	12	12	.17	.15	.17	.17
TA59	127/220	40	.4	56	56	12	12	.085	.225	.225	.225
TA60	127/220	40	.4	56	40	12	10	.25	.09	.25	.25
TA61	127/220	40	.4	56	40	12	10	.17	.21	.21	.21
TA62	127/220	40	.4	56	40	12	10	.094	.34	.34	.34
TA63	127/220	40	.4	80	80	80	20	.12	.1	.12	.12
TA64	127/220	40	.4	80	80	20	80	.07	.154	.154	.154
TA65	127/220	40	.4	80	56	20	12	.164	.08	.164	.164
TA66	127/220	40	.4	80	56	20	12	.11	.168	.168	.168
TA67	127/220	40	.4	125	112	14	14	.124	.029	.124	.124
TA68	127/220	40	.4	125	112	14	14	.09	.07	.09	.09
TA69	127/220	40	.4	125	112	14	14	.04	.121	.121	.121
TA70	127/220	40	.4	180	112	20	20	.085	.026	.085	.085
TA71	127/220	40	.4	180	112	20	20	.065	.065	.065	.065
TA72	127/220	40	.4	180	112	20	20	.033	.115	.115	.115

TA73	127/220	40	.4	160	140	20	20	.09	.03	.09	.09
TA74	127/220	40	.4	160	140	20	20	.068	.064	.068	.068
TA75	127/220	40	.4	160	140	20	20	.03	.095	.095	.095
TA76	127/220	40	.4	224	125	25	25	.069	.025	.069	.069
TA77	127/220	40	.4	224	125	25	25	.045	.07	.07	.07
TA78	127/220	40	.4	224	125	25	25	.029	.029	.09	.09
TA79	127/220	40	.4	200	180	20	20	.07	.027	.07	.07
TA80	127/220	40	.4	200	180	20	20	.05	.05	.05	.05
TA81	127/220	40	.4	200	180	20	20	.028	.07	.07	.07
TA82	127/220	40	.4	250	224	25	25	.04	.04	.04	.04
TA83	127/220	40	.4	250	224	25	25	.02	.06	.06	.06
TA84	127/220	40	.4	315	125	35	35	.042	.04	.042	.042
TA85	127/220	40	.4	315	125	35	35	.022	.073	.073	.073
TA86	127/220	40	.4	315	280	35	35	.032	.032	.032	.032
TA87	127/220	40	.4	355	200	40	40	.029	.043	.043	.043
TA88	127/220	54	.5	28	28	6	6	.48	.38	.48	.48
TA89	127/220	54	.5	28	28	6	6	.2	.64	.64	.64
TA90	127/220	54	.5	56	56	12	12	.23	.2	.23	.23
TA91	127/220	54	.5	56	56	12	12	.09	.325	.325	.325
TA92	127/220	54	.5	56	40	12	10	.34	.109	.34	.34
1		2	3	4	5	6	7	8	9	10	11
TA93	127/220	54	.5	56	40	12	10	.228	.278	.278	.278
TA94	127/220	54	.5	56	40	12	10	.08	.44	.44	.44
TA95	127/220	54	.5	80	80	20	20	.16	.14	.16	.16
TA96	127/220	54	.5	80	80	20	20	.075	.21	.21	.21
TA97	127/220	54	.5	80	56	20	12	.22	.103	.22	.22
TA98	127/220	54	.5	80	56	20	12	.14	.22	.22	.22

TA99	127/220	54	.5	80	56	20	12	.06	.31	.31	.31
TA100	127/220	54	.5	125	112	14	14	.169	.310	.169	.169
TA101	127/220	54	.5	125	112	14	14	.118	.096	.118	.118
TA102	127/220	54	.5	125	112	14	14	.051	.164	.164	.164
TA103	127/220	54	.5	180	112	20	20	.118	.03	.118	.118
TA104	127/220	54	.5	180	112	20	20	.043	.145	.145	.145
TA105	127/220	54	.5	180	112	20	20	.088	.083	.088	.088
TA106	127/220	54	.5	160	140	20	20	.125	.032	.125	.125
TA107	127/220	54	.5	160	140	20	20	.084	.084	.084	.084
TA108	127/220	54	.5	160	140	20	20	.034	.131	.131	.131
TA109	127/220	54	.5	224	125	25	25	.093	.031	.093	.093
TA110	127/220	54	.5	224	125	25	25	.062	.084	.084	.084
TA111	127/220	54	.5	224	125	25	25	.027	.14	.14	.14
TA112	127/220	54	.5	200	180	20	20	.099	.029	.099	.099
TA113	127/220	54	.5	200	180	20	20	.069	.069	.069	.069
TA114	127/220	54	.5	200	180	20	20	.031	.105	.105	.105
TA115	127/220	54	.5	250	224	25	25	.08	.024	.08	.08
TA116	127/220	54	.5	250	224	25	25	.054	.054	.054	.054
TA117	127/220	54	.5	250	224	25	25	.26	.08	.08	.08
TA118	127/220	54	.5	315	125	35	35	.063	.035	.063	.063
TA119	127/220	54	.5	315	125	35	35	.04	.09	.09	.09
TA120	127/220	54	.5	315	280	35	35	.044	.044	.044	.044
TA121	127/220	54	.5	355	200	40	40	.054	.028	.054	.054
TA122	127/220	54	.5	355	200	40	40	.034	.061	.061	.061
TA123	127/220	68	.625	28	28	6	6	.6	.48	.6	.6
TA124	127/220	68	.625	28	28	6	6	.25	.8	.8	.8
TA125	127/220	68	.625	28	28	6	6	.1	.92	.92	.92

TA126	127/220	68	.625	56	40	12	10	.3	.25	.3	.3
TA127	127/220	68	.625	56	40	12	10	.12	.4	.4	.4
TA128	127/220	68	.625	56	40	12	10	.425	.14	.425	.425
TA129	127/220	68	.625	56	40	12	10	.3	.34	.34	.34
TA130	127/220	68	.625	56	40	12	10	.13	.61	.61	.61
TA131	127/220	68	.625	80	56	20	12	.2	.18	.2	.2
TA132	127/220	68	.625	80	56	20	12	.1	.26	.26	.26
TA133	127/220	68	.625	80	56	20	12	.31	.12	.31	.31
TA134	127/220	68	.625	80	56	20	12	.2	.25	.25	.25
TA135	127/220	68	.625	80	56	20	12	.12	.34	.34	.34
TA136	127/220	68	.625	125	112	14	14	.2	.05	.2	.2
TA137	127/220	68	.625	125	112	14	14	.15	.12	.15	.15
TA138	127/220	68	.625	125	112	14	14	.07	.2	.2	.2
TA139	127/220	68	.625	180	112	20	20	.15	.049	.15	.15
TA140	127/220	68	.625	180	112	20	20	.1	.12	.12	.12
TA141	127/220	68	.625	180	112	20	20	.055	.18	.18	.18
TA142	127/220	68	.625	160	140	20	20	.16	.036	.16	.16
TA143	127/220	68	.625	160	140	20	20	.11	.1	.11	.11
TA144	127/220	68	.625	160	140	20	20	.05	.16	.16	.16
TA145	127/220	68	.625	224	125	25	25	.115	.04	.115	.115
TA146	127/220	68	.625	224	125	25	25	.08	.11	.11	.11
TA147	127/220	68	.625	224	125	25	25	.04	.165	.165	.165
TA148	127/220	68	.625	200	180	20	20	.13	.031	.13	.13
TA149	127/220	68	.625	200	180	20	20	.08	.09	.09	.09
TA150	127/220	68	.625	200	180	20	20	.035	.135	.135	.135
TA151	127/220	68	.625	250	224	25	25	.01	.029	.1	.1
TA152	127/220	68	.625	250	224	25	25	.065	.07	.07	.07

TA153	127/220	68	.625	250	224	25	25	.026	.11	.11	.11
TA154	127/220	68	.625	315	125	35	35	.08	.048	.08	.08
TA155	127/220	68	.625	315	125	35	35	.05	.115	.115	.115
TA156	127/220	68	.625	315	125	35	35	.028	.16	.16	.16
TA157	127/220	68	.625	315	125	35	35	.075	.026	.075	.075
TA158	127/220	68	.625	315	280	35	35	.045	.063	.063	.063
TA159	127/220	68	.625	315	280	35	35	.022	.086	.086	.086
TA160	127/220	68	.625	355	200	40	40	.07	.032	.07	.07
TA161	127/220	68	.625	355	200	40	40	.025	.105	.105	.105
TA162	127/220	68	.625	355	200	40	40	.05	.075	.075	.075
TA163	127/220	86	.77	28	28	6	6	.68	.71	.71	.71
TA164	127/220	86	.77	56	56	12	12	.295	.39	.39	.39
TA165	127/220	86	.77	56	40	12	10	.32	.49	.49	.49
TA166	127/220	86	.77	80	80	20	20	.23	.24	.24	.24
TA167	127/220	86	.77	80	56	20	12	.23	.34	.34	.34
TA168	127/220	86	.77	125	112	14	14	.18	.165	.18	.18
TA169	127/220	86	.77	125	112	14	14	.32	.31	.31	.31
TA170	127/220	86	.77	180	112	20	20	.13	.15	.15	.15
TA171	127/220	86	.77	160	140	20	20	.13	.14	.14	.14
TA172	127/220	86	.77	224	125	25	25	.1	.135	.135	.135
TA173	127/220	86	.77	200	180	20	20	.105	.11	.11	.11
TA174	127/220	86	.77	250	224	25	25	.085	.09	.09	.09
TA175	127/220	86	.77	315	125	35	35	.065	.14	.14	.14
TA176	127/220	86	.77	315	280	35	35	.065	.071	.071	.071
TA177	127/220	86	.77	315	200	40	40	.06	.09	.09	.09

ЭЛЕКТРИЧЕСКИЕ ПАРАМЕТРЫ СТЕРЖНЕВЫХ ТРАНСФОРМАТОРОВ ТИПА ТА С ЧИСТОТОЙ 50 ГЦ

Типономинал трансформатора		Номинальная мощность трансформатора	Ток первичной обмотки А	Напряжение вторичной обмотки Ток вторичной обмотки А							
				Выводы вторичных обмоток							
				11-12 17-18		15-16	21-22	11-12 17-18	13-14 19-20	15-16	21-22
1	2	3	4	5	6	7	8	9	10	11	
ТА178	127/220	110	1.10	28	28	6	6	.89	.9	.9	.9
ТА179	127/220	110	1.10	56	56	12	12	.39	.49	.49	.49
ТА180	127/220	110	1.10	56	56	12	12	.09	.735	.735	.735
ТА181	127/220	110	1.10	56	40	12	12	.49	.55	.55	.55
ТА183	127/220	110	1.10	80	80	20	20	.26	.34	.34	.34
ТА184	127/220	110	1.10	80	56	14	14	.38	.35	.38	.38
ТА185	127/220	110	1.10	125	112	14	14	.23	.21	.23	.23
ТА186	127/220	110	1.10	125	112	14	14	.05	.39	.39	.39
ТА187	127/220	110	1.10	180	112	20	20	.17	.19	.19	.19
ТА188	127/220	110	1.10	180	112	20	20	.03	.37	.37	.37
ТА189	127/220	110	1.10	160	140	20	20	.03	.31	.31	.31
ТА190	127/220	110	1.10	224	125	25	25	.12	.19	.19	.19
ТА191	127/220	110	1.10	200	180	20	20	.135	.14	.14	.14
ТА192	127/220	110	1.10	225	224	25	25	.11	.11	.11	.11
ТА193	127/220	110	1.1	315	125	35	35	.08	.185	.185	.185
ТА194	127/220	110	1.1	315	280	35	35	.085	.09	.09	.09
ТА195	127/220	110	1.1	355	200	40	40	.075	.12	.12	.12
ТА196	127/220	135	1.27	28	28	6	6	1.0	1.0	1.0	1.0
ТА197	127/220	135	1.27	56	56	12	12	.47	.615	.615	.620
ТА198	127/220	135	1.27	56	40	12	12	.68	.55	.68	.68
ТА199	127/220	135	1.27	80	80	20	20	.34	.4	.4	.4
ТА200	127/220	135	1.27	80	56	14	14	.38	.56	.56	.56

TA201	127/220	135	1.27	125	112	14	14	.26	.26	.26	.26
TA202	127/220	135	1.27	180	112	20	20	.21	.22	.22	.22
TA203	127/220	135	1.27	160	140	20	20	.208	.218	.218	.218
TA204	127/220	135	1.27	224	125	25	25	.175	.19	.19	.19
TA205	127/220	135	1.27	200	180	20	20	.163	.175	.175	.175
TA206	127/220	135	1.27	250	224	25	25	.13	.14	.14	.14
TA207	127/220	135	1.27	315	125	35	35	.14	.155	.155	.155
TA208	127/220	135	1.27	315	280	35	35	.1	.115	.115	.115
TA209	127/220	135	1.27	355	200	40	40	.085	.085	.085	.085
TA236	127/220	170	1.46	56	56	12	12	.68	.69	.69	.69
TA237	127/220	170	1.46	56	40	12	12	.83	.73	.83	.83
TA238	127/220	170	1.46	80	80	20	20	.39	.53	.53	.53
TA239	127/220	170	1.46	80	56	14	14	.55	.57	.57	.57
TA240	127/220	170	1.46	125	112	14	14	.33	.35	.35	.35
TA241	127/220	170	1.46	180	112	20	20	.285	.285	.285	.285
TA242	127/220	170	1.46	160	140	20	20	.275	.255	.275	.275
TA243	127/220	170	1.46	224	125	25	25	.23	.22	.23	.23
TA244	127/220	170	1.46	200	180	20	20	.21	.216	.216	.216
TA245	127/220	170	1.46	250	224	25	25	.172	.178	.178	.178
TA246	127/220	170	1.46	315	125	35	35	.145	.22	.22	.22
TA247	127/220	170	1.46	315	280	35	35	.13	.143	.143	.143
TA248	127/220	170	1.46	355	200	40	40	.11	.204	.204	.204
TA249	127/220	210	1.81	56	56	12	12	.84	.85	.85	.85
TA250	127/220	210	1.81	56	40	12	12	.97	.98	.98	.98
TA251	127/220	210	1.81	80	80	20	20	.52	.63	.63	.63
TA252	127/220	210	1.81	80	56	14	14	.75	.63	.75	.75
TA253	127/220	210	1.81	125	112	14	14	.41	.43	.43	.43

TA254	127/220	210	1.81	180	112	20	20	.34	.33	.34	.34
TA255	127/220	210	1.81	160	140	20	20	.34	.315	.34	.34
TA256	127/220	210	1.81	224	125	25	25	.3	.25	.3	.3
TA257	127/220	210	1.81	200	180	20	20	.27	.255	.27	.27
TA258	127/220	210	1.81	250	224	25	25	.2	.22	.22	.22
TA259	127/220	210	1.81	315	125	35	35	.21	.24	.24	.24
TA260	127/220	210	1.81	315	280	35	35	.16	.17	.17	.17
TA261	127/220	210	1.81	355	200	40	40	.15	.21	.21	.21
TA262	127/220	260	2.3	56	56	12	12	1.05	1.05	1.05	1.05
TA263	127/220	260	2.3	80	80	20	20	.72	.72	.72	.72
TA264	127/220	260	2.3	80	56	14	14	.89	.81	.89	.89
TA265	127/220	260	2.3	180	112	20	20	.4	.4	.4	.4
TA266	127/220	260	2.3	160	140	20	20	.4	.4	.4	.4
TA267	127/220	260	2.3	224	125	25	25	.36	.335	.36	.36
TA268	127/220	260	2.3	200	180	20	20	.33	.315	.33	.33
TA269	127/220	260	2.3	250	224	25	25	.266	.257	.266	.266
TA270	127/220	260	2.3	315	125	35	35	.28	.24	.28	.28
TA271	127/220	260	2.3	315	280	35	35	.213	.218	.218	.218
TA272	127/220	260	2.3	355	200	40	40	.216	.218	.218	.218
TA273	127/220	310	2.68	80	80	20	20	.86	.855	.86	.86
TA274	127/220	310	2.68	80	56	14	14	1.0	1.0	1.0	1.0
TA275	127/220	310	2.68	224	125	25	25	.4	.4	.4	.4
TA276	127/220	310	2.68	200	180	20	20	.39	.39	.39	.39
TA277	127/220	310	2.68	250	224	25	25	.315	.31	.315	.315
TA278	127/220	310	2.68	315	125	35	35	.33	.22	.33	.33
TA279	127/220	310	2.68	315	280	35	35	.26	.235	.26	.26
TA280	127/220	310	2.68	355	200	40	40	.285	.22	.285	.285

ТА281	127/220	390	3.5	80	80	20	20	1.0	1.0	1.0	1.0
ТА282	127/220	390	3.5	250	224	25	25	.4	.4	.4	.4
ТА283	127/220	390	3.5	315	125	35	35	.385	.355	.385	.385
ТА284	127/220	390	3.5	315	280	35	35	.32	.308	.32	.32
ТА285	127/220	390	3.5	355	200	40	40	.345	.3	.345	.345
ТА286	127/220	450	3.91	315	280	35	35	.365	.365	.365	.365
ТА287	127/220	510	4.4	355	200	40	40	.37	.39	.39	.39
ТА288	127/220	403	3.6	355	200	40	40	.42	.44	.44	.44

ЭЛЕКТРИЧЕСКИЕ ПАРАМЕТРЫ НАКАЛЬНЫХ ТРАНСФОРМАТОРОВ ТН1-ТН29 С ЧАСТОТОЙ 50 ГЦ

Типономинал трансформатора	Номинальная мощность ВАТТ	Ток первичной обмотки А	Напряжение вторичной Ток вторичной обмотки (Вольт) обмотки(Ампер)					
			Выводы обмоток					
			7-8	9-10 (9-11)	12-13 (12-14)	7-8	9-11	12-14
1	2	3	4	5	6	7	8	9
ТН 1-127/220-50	8.8	.11	6.3	5.0 (6.3)		.6	.8	
ТН 2-127/220-50	13.3	.15	6.3	5.0 (6.3)		.1	2.0	
ТН 3-127/220-50	13.3	.15	6.3	5.0 (6.3)		.25	1.8	
ТН 4-127/220-50	20.0	.21	6.3	5.0 (6.3)		1.65	1.65	
ТН 5-127/220-50	30.0	.30	6.3	5.0 (6.3)		.48	4.3	
ТН 6-127/220-50	41.0	.4	6.3	5.0 (6.3)		.43	6.0	
ТН 7-127/220-50	42.0	.4	6.3	5.0 (6.3)		3.3	3.3	
ТН 8-127/220-50	58.0	.53	6.3	5.0 (6.3)		4.6	4.6	

TH 9-127/220-50	58.0	.53	6.3	5.0 (6.3)		.5	8.6	
TH10-127/220-50	77.0	.68	6.3	5.0 (6.3)		6.0	6.0	
TH11-127/220-50	98.0	.88	6.3	5.0 (6.3)		7.8	7.8	
TH12-127/220-50	8.7	.11	6.3	5.0 (6.3)	5.0 (6.3)	.37	.51	.51
TH13-127/220-50	13.3	.15	6.3	5.0 (6.3)	5.0 (6.3)	.71	.71	.71
TH14-127/220-50	20.0	.21	6.3	5.0 (6.3)	5.0 (6.3)	1.4	.92	.92
TH15-127/220-50	20.0	.21		5.0 (6.3)	5.0 (6.3)	.92	1.13	1.13
TH17-127/220-50	20.0	.21	6.3	5.0 (6.3)	5.0 (6.3)	.8	2.0	2.0
TH18-127/220-50	30.0	.3	6.3	5.0 (6.3)	5.0 (6.3)	3.3	.8	.8
TH19-127/220-50	30.0	.3	6.3	5.0 (6.3)	5.0 (6.3)	.8	1.75	2.4
TH20-127/220-50	41.0	.4	6.3	5.0 (6.3)	5.0 (6.3)	.9	2.8	2.8
TH21-127/220-50	41.0	.4	6.3	5.0 (6.3)	5.0 (6.3)	.9	1.0	4.5
TH22-127/220-50	41.5	.4	6.3	5.0 (6.3)	5.0 (6.3)	3.8	1.4	1.4
TH23-127/220-50	58.0	.53	6.3	5.0 (6.3)	5.0 (6.3)	1.4	3.9	3.9
TH24-127/220-50	58.0	.53	6.3	5.0 (6.3)	5.0 (6.3)	6.3	1.4	1.4
TH25-127/220-50	58.0	.53	6.3	5.0 (6.3)	5.0 (6.3)	5.6	1.8	1.8
TH26-127/220-50	58.0	.53	6.3	5.0 (6.3)	5.0 (6.3)	1.6	2.7	7.8
TH27-127/220-50	77.0	.68	6.3	5.0 (6.3)	5.0 (6.3)	.73	3.7	7.8

ТН28-127/220-50	77.0	.68	6.3	5.0 (6.3)	5.0 (6.3)	1.8	4.8	5.7
ТН29-127/220-50	98.0	.88	6.3	5.0 (6.3)	5.0 (6.3)	2.2	4.5	9.1

ЭЛЕКТРИЧЕСКИЕ ПАРАМЕТРЫ НАКАЛЬНЫХ ТРАНСФОРМАТОРОВ ТН30-ТН61 С ЧАСТОТОЙ 50 ГЦ

Типономинал трансформатора			Номинальная мощность Ватт	Ток первичной обмотки Ампер	Напряжение Ток вторичной обмотки втор.обм.В Ампер					
					Выводы обмоток					
					7-8 9-10	12(13) 15(16)	7-8	9-10	11-13	14-16
1			2	3	4	5	6	7	8	9
ТН30	127/220	50	13.3	.15	6.3	5.0(6.3)	.55	.55	.55	.55
ТН31	127/220	50	20.0	.21	6.3	5.0(6.3)	2.80	.13	.13	.13
ТН32	127/220	50	20.0	.21	6.3	5.0(6.3)	.65	.65	1.0	1.0
ТН33	127/220	50	20.0	.21	6.3	5.0(6.3)	.2	1.0	1.0	1.0
ТН34	127/220	50	30.0	.3	6.3	5.0(6.3)	2.4	.8	.8	.8
ТН35	127/220	50	30.0	.3	6.3	5.0(6.3)	1.0	2.0	.8	.85
ТН36	127/220	50	30.0	.3	6.3	5.0(6.3)	1.2	1.2	1.2	1.2
ТН37	127/220	50	41.0	.4	6.3	5.0(6.3)	4.0	.85	.8	.85
ТН38	127/220	50	41.0	.4	6.3	5.0(6.3)	.85	2.8	1.4	1.4
ТН39	127/220	50	41.0	.4	6.3	5.0(6.3)	.8	.8	2.4	2.4
ТН40	127/220	50	41.0	.4	6.3	5.0(6.3)	2.8	1.2	1.2	1.2
ТН41	127/220	50	58.0	.53	6.3	5.0(6.3)	.6	1.3	2.9	4.4
ТН42	127/220	50	58.0	.53	6.3	5.0(6.3)	1.4	2.6	2.6	2.6
ТН43	127/220	50	58.0	.53	6.3	5.0(6.3)	4.7	1.5	1.5	1.5
ТН44	127/220	50	58.0	.53	6.3	5.0(6.3)	.86	2.16	3.0	3.0
ТН45	127/220	50	58.0	.53	6.3	5.0(6.3)	2.64	2.16	.95	.95
ТН46	127/220	50	58.0	.53	6.3	5.0(6.3)	2.3	2.3	2.3	2.3
ТН47	127/220	50	58.0	.53	6.3	5.0(6.3)	.92	3.5	2.4	2.4
ТН48	127/220	50	58.0	.53	6.3	5.0(6.3)	2.4	4.8	1.0	1.0

ТН349127/220	50	77.0	.68	6.3	5.0(6.3)	1.43	4.9	2.9	2.9	
ТН50	127/220	50	77.0	.68	6.3	5.0(6.3)	1.6	5.6	2.5	2.5
ТН51	127/220	50	77.0	.68	6.3	5.0(6.3)	1.5	1.5	4.7	4.7
ТН52	127/220	50	77.0	.68	6.3	5.0(6.3)	.45	5.9	3.0	3.0
ТН53	127/220	50	98.0	.88	6.3	5.0(6.3)	.82	3.2	5.7	5.7
ТН54	127/220	50	98.0	.88	6.3	5.0(6.3)	2.2	4.45	4.45	4.45
ТН55	127/220	50	98.0	.88	6.3	5.0(6.3)	.76	.76	7.0	7.0
ТН56	127/220	50	98.0	.88	6.3	5.0(6.3)	5.4	3.4	3.4	3.4
ТН57	127/220	50	98.0	.88	6.3	5.0(6.3)	1.64	3.0	5.5	5.5
ТН58	127/220	50	122.0	1.1	6.3	5.0(6.3)	2.7	5.5	5.5	5.5
ТН59	127/220	50	122.0	1.1	6.3	5.0(6.3)	1.8	4.3	6.6	6.6
ТН60	127/220	50	152.0	1.5	6.3	5.0(6.3)	5.9	5.9	6.1	6.1
ТН61	127/220	50	190.0	1.66	6.3	5.0(6.3)	6.1	8.0	8.0	8.0

ЭЛЕКТРИЧЕСКИЕ ПАРАМЕТРЫ БРОНЕВЫХ ТРАНСФОРМАТОРОВ ТИПА ТАН С ЧАСТОТОЙ 50 ГЦ
ТОЛЬКО ТРАНСФОРМАТОРЫ ТИПА ТАНxxx-127/220-50

Типономинал трансформатора	Ном. мощн Ватт	Ток 1-й обм. А	Напряжение вторичной Ток вторичной обмотки обмотки (Вольт) (Ампер)								
			Выводы обмоток								
			7-8	11-12	15-16	19-21	7-8	11-12	15-16	19-21	
9-10	13-14	17-18	22-24	9-10	13-14	17-18	22-24				
1	2	3	4	5	6	7	8	9	10	11	
ТАН1	127/220	36	.37	28	28	6,3	6,3	.24	.19	.24	.8
ТАН2	127/220	36	.37	56	40	16	6,3	.095	.14	.14	.8
ТАН3	127/220	36	.37	56	56	12,6	6,3	.104	.104	.104	.8
ТАН4	127/220	36	.37	80	80	20	6,3	.075	.07	.075	.8
ТАН5	127/220	36	.37	80	56	24	6,3	.07	.095	.095	.8

TAH6	127/220	36	.37	125	112	13	6,3	.055	.048	.055	.8
TAH7	127/220	36	.37	180	112	20	6,3	.036	.05	.05	.8
TAH8	127/220	36	.37	160	140	20	6,3	.04	.04	.04	.8
TAH9	127/220	36	.37	315	125	25	6,3	.025	.035	.035	.8
TAH10	127/220	36	.37	200	180	20	6,3	.032	.032	.032	.8
TAH11	127/220	36	.37	250	224	26	6,3	.026	.026	.026	.8
TAH12	127/220	36	.37	224	125	25	6,3	.032	.04	.04	.8
TAH13	127/220	50	.5	28	28	6,3	6,3	.34	.25	.34	1.05
TAH14	127/220	50	.5	56	40	16	6,3	.14	.185	.185	1.05
TAH15	127/220	50	.5	56	56	12,6	6,3	.15	.14	.15	1.05
TAH16	127/220	50	.5	80	56	24	6,3	.09	.15	.15	1.05
TAH17	127/220	50	.5	80	80	20	6,3	.12	.08	.12	1.05
TAH18	127/220	50	.5	125	112	13	6,3	.08	.063	.08	1.05
TAH19	127/220	50	.5	180	112	20	6,3	.056	.06	.06	1.05
TAH20	127/220	50	.5	160	140	20	6,3	.053	.06	.06	1.05
TAH21	127/220	50	.5	200	180	20	6,3	.047	.045	.047	1.05
TAH22	127/220	50	.5	224	125	25	6,3	.043	.057	.057	1.05
TAH23	127/220	50	.5	315	125	25	6,3	.035	.05	.05	1.05
TAH24	127/220	50	.5	250	224	26	6,3	.035	.038	.038	1.05
TAH25	127/220	50	.5	315	280	35	6,3	.028	.03	.03	1.05
TAH26	127/220	50	.5	355	200	25	6,3	.03	.034	.034	1.05
TAH27	127/220	60	.6	28	28	6,3	6,3	.035	.029	.035	1.6
TAH28	127/220	60	.6	56	40	16	6,3	.16	.2	.2	1.6
TAH29	127/220	60	.6	56	56	12,6	6,3	.175	.145	.175	1.6
TAH30	127/220	60	.6	80	56	24	6,3	.1	.15	.15	1.6
TAH31	127/220	60	.6	80	80	20	6,3	.1	.1	.12	1.6
TAH32	127/220	60	.6	125	112	13	6,3	.087	.073	.087	1.6

TAH33	127/220	60	.6	180	112	20	6,3	.063	.065	.065	1.6
TAH34	127/220	60	.6	160	140	20	6,3	.065	.060	.065	1.6
TAH35	127/220	60	.6	224	125	25	6,3	.045	.065	.065	1.6
TAH36	127/220	60	.6	200	180	20	6,3	.05	.05	.05	1.6
TAH37	127/220	60	.6	250	224	26	6,3	.04	.04	.04	1.6
TAH38	127/220	60	.6	315	125	25	6,3	.043	.04	.043	1.6
TAH39	127/220	60	.6	315	280	35	6,3	.032	.032	.032	1.6
TAH40	127/220	60	.6	355	200	25	6,3	.029	.043	.043	1.6
TAH41	127/220	78	.77	28	28	6,3	6,3	.475	.375	.475	1.9
TAH42	127/220	78	.77	56	40	16	6,3	.21	.27	.27	1.9
TAH43	127/220	78	.77	56	56	12,6	6,3	.23	.2	.23	1.9
TAH44	127/220	78	.77	80	56	24	6,3	.14	.2	.2	1.9
TAH45	127/220	78	.77	80	80	20	6,3	.16	.14	.16	1.9
TAH46	127/220	78	.77	125	112	13	6,3	.118	.096	.118	1.9
TAH47	127/220	78	.77	180	112	20	6,3	.088	.083	.088	1.9
TAH48	127/220	78	.77	160	140	20	6,3	.084	.084	.084	1.9
TAH49	127/220	78	.77	224	125	25	6,3	.062	.085	.085	1.9
TAH50	127/220	78	.77	200	180	20	6,3	.065	.07	.07	1.9
TAH51	127/220	78	.77	250	224	26	6,3	.054	.054	.054	1.9
TAH52	127/220	78	.77	315	125	25	6,3	.043	.09	.09	1.9
TAH53	127/220	78	.77	315	280	35	6,3	.043	.043	.043	1.9
TAH54	127/220	78	.77	355	200	25	6,3	.035	.064	.064	1.9
TAH55	127/220	100	.95	28	28	6,3	6,3	.605	.485	.605	2.45
TAH56	127/220	100	.95	56	40	16	6,3	.29	.33	.33	2.45
TAH57	127/220	100	.95	56	56	12,6	6,3	.3	.25	.3	2.45
TAH58	127/220	100	.95	80	56	24	6,3	.195	.24	.24	2.45
TAH59	127/220	100	.95	80	80	20	6,3	.2	.18	.2	2.45

ТАН60	127/220	100	.95	125	112	13	6,3	.15	.125	.15	2.45
ТАН61	127/220	100	.95	180	112	20	6,3	.1	.125	.125	2.45
ТАН62	127/220	100	.95	160	140	20	6,3	.11	.105	.105	2.45
ТАН63	127/220	100	.95	224	125	25	6,3	.08	.11	.11	2.45
1		2	3	4	5	6	7	8	9	10	11
ТАН64	127/220	100	.95	200	180	20	6,3	.083	.09	.09	2.45
ТАН65	127/220	100	.95	250	224	26	6,3	.065	.073	.073	2.45
ТАН66	127/220	100	.95	315	125	25	6,3	.055	.115	.115	2.45
ТАН67	127/220	100	.95	315	280	35	6,3	.045	.065	.065	2.45
ТАН68	127/220	100	.95	355	200	25	6,3	.053	.07	.07	2.45
ТАН69	127/220	122	1.14	28	28	6,3	6,3	.68	.11	.71	2.8
ТАН70	127/220	122	1.14	56	40	16	6,3	.3	.47	.47	2.8
ТАН71	127/220	122	1.14	56	56	12,6	6,3	.295	.39	.39	2.8
ТАН72	127/220	122	1.14	80	56	24	6,3	.21	.33	.33	2.8
ТАН73	127/220	122	1.14	80	80	20	6,3	.24	.24	.24	2.8
ТАН74	127/220	122	1.14	125	112	13	6,3	.18	.165	.18	2.8
ТАН75	127/220	122	1.14	180	112	20	6,3	.13	.15	.15	2.8
ТАН76	127/220	122	1.14	160	140	20	6,3	.13	.14	.14	2.8
ТАН77	127/220	122	1.14	224	125	25	6,3	.1	.13	.13	2.8
ТАН78	127/220	122	1.14	200	180	20	6,3	.105	.11	.11	2.8
ТАН79	127/220	122	1.14	250	224	26	6,3	.085	.088	.088	2.8
ТАН80	127/220	122	1.14	315	125	25	6,3	.07	.14	.14	2.8
ТАН81	127/220	122	1.14	315	280	35	6,3	.065	.072	.072	2.8
ТАН82	127/220	122	1.14	355	200	25	6,3	.065	.09	.09	2.8
ТАН104	127/220	153	1.4	28	28	6,3	6,3	.89	.9	.9	3.3
ТАН105	127/220	153	1.4	56	40	16	6,3	.47	.525	.525	3.3
ТАН106	127/220	153	1.4	56	56	12,6	6,3	.4	.49	.49	3.3

TAH107	127/220	153	1.4	80	56	24	6,3	.29	.41	.41	3.3
TAH108	127/220	153	1.4	80	80	20	6,3	.26	.35	.35	3.3
TAH109	127/220	153	1.4	125	112	13	6,3	.23	.215	.23	3.3
TAH110	127/220	153	1.4	180	112	20	6,3	.17	.19	.19	3.3
TAH111	127/220	153	1.4	160	140	20	6,3	.17	.18	.18	3.3
TAH112	127/220	153	1.4	224	125	25	6,3	.12	.19	.19	3.3
TAH113	127/220	153	1.4	200	180	20	6,3	.14	.14	.14	3.3
TAH114	127/220	153	1.4	250	224	26	6,3	.11	.115	.115	3.3
TAH115	127/220	153	1.4	315	125	25	6,3	.087	.19	.19	3.3
TAH116	127/220	153	1.4	315	280	35	6,3	.085	.092	.092	3.3
TAH117	127/220	153	1.4	355	200	25	6,3	.08	.125	.125	3.3
TAH118	127/220	190	1.74	125	112	13	6,3	.26	.28	.28	4.35
TAH119	127/220	190	1.74	180	112	20	6,3	.21	.22	.22	4.35
TAH120	127/220	190	1.74	160	140	20	6,3	.205	.218	.218	4.35
TAH121	127/220	190	1.74	224	125	25	6,3	.175	.19	.19	4.35
TAH122	127/220	190	1.74	200	180	20	6,3	.163	.175	.175	4.35
TAH123	127/220	190	1.74	250	224	26	6,3	.13	.14	.14	4.35
TAH124	127/220	190	1.74	315	125	25	6,3	.14	.155	.155	4.35
TAH125	127/220	280	2.5	125	112	13	6,3	.42	.42	.42	5.0
TAH126	127/220	280	2.5	180	112	20	6,3	.335	.37	.37	5.0
TAH127	127/220	280	2.5	160	140	20	6,3	.335	.325	.335	5.0
TAH128	127/220	280	2.5	224	125	25	6,3	.31	.24	.31	5.0
TAH129	127/220	280	2.5	200	180	20	6,3	.27	.255	.27	5.0
TAH130	127/220	280	2.5	315	280	35	6,3	.165	.18	.18	5.0
TAH131	127/220	280	2.5	250	224	25	6,3	.21	.215	.215	5.0
TAH132	127/220	280	2.5	315	125	25	6,3	.215	.255	.255	5.0
TAH133	127/220	280	2.5	355	200	25	6,3	.16	.22	.22	5.0

ТАН134	127/220	440	3.9	200	180	20	6,3	.4	.4	.4	10.0
ТАН135	127/220	440	3.9	250	224	26	6,3	.32	.32	.32	10.0
ТАН136	127/220	440	3.9	280	315	35	6,3	.24	.265	.265	10.0
ТАН137	127/220	440	3.9	315	125	25	6,3	.4	.2	.4	10.0
ТАН138	127/220	440	3.9	355	200	25	6,3	.285	.25	.285	10.0

ЭЛЕКТРИЧЕСКИЕ ПАРАМЕТРЫ БРОНЕВЫХ ТРАНСФОРМАТОРОВ ТИПА ТПП С ЧАСТОТОЙ 50 ГЦ

Типономинал трансформатора		номинальная мощность Ватт	Ток первичной обмотки Ампер	Напряжение вторичной обмотки (Вольт) Ток вторич ной об моткиА						
				Выводы вторичных обмоток						
				12	14	16	18	20	22	
1	2	3	4	5	6	7	8	9	10	
ТПП 48	127/220	14	.15	12.6	12.6	12.6	12.6	1.4	1.4	.270
ТПП 67	127/220	26	.26	45.0	45.0	45.0	45.0	30.0	30.0	.120
ТПП 88	127/220	14	.15	6.3	6.3	9.0	9.0	0.7	1.0	.434
ТПП201	127/220	1.6	.03	1.25	1.25	1.25	1.25	0.35	0.35	.29
ТПП202	127/220	1.6	.03	1.24	1.24	2.48	2.48	0.65	0.65	.188
ТПП203	127/220	1.6	.03	2.53	2.53	2.51	2.51	0.65	0.65	.146
ТПП204	127/220	1.6	.03	2.5	2.5	5.0	5.0	1.3	1.3	.094
ТПП205	127/220	1.6	.03	2.5	2.5	10.0	10.0	0.65	0.65	.063
ТПП206	127/220	1.6	.03	5.0	5.0	5.0	5.0	1.32	1.32	.073
ТПП207	127/220	1.6	.03	5.0	5.0	20.0	20.0	1.3	1.3	.031
ТПП208	127/220	1.6	.03	10.0	10.0	10.0	10.0	2.6	2.6	.037
ТПП209	127/220	1.6	.03	10.0	10.0	20.0	20.0	5.0	5.0	.024
ТПП210	127/220	3.25	.045	1.26	1.26	1.25	1.25	0.35	0.35	.57
ТПП211	127/220	3.25	.045	1.25	1.25	2.48	2.48	0.35	0.35	.395
ТПП212	127/220	3.25	.045	1.26	1.26	2.48	2.48	0.65	0.65	.37
ТПП213	127/220	3.25	.045	2.52	2.52	2.50	2.50	0.65	0.6	.288

ТПП214	127/220	3.25	.045	4.0	4.0	6.3	6.30	0.74	0.73	.147
ТПП215	127/220	3.25	.045	5.0	5.0	10.0	10.0	1.30	1.30	.1
ТПП216	127/220	3.25	.045	10.0	10.0	10.0	10.0	2.6	2.6	.072
ТПП217	127/220	3.25	.045	10.0	10.0	20.0	20.0	2.64	2.64	.05
ТПП218	127/220	3.25	.045	10.0	10.0	20.0	20.0	5.0	5.0	.047
ТПП219	127/220	5.5	.071	1.26	1.26	1.25	1.25	0.35	0.35	.965
ТПП220	127/220	5.5	.071	2.53	2.52	2.51	2.50	0.66	0.66	.485
ТПП221	127/220	5.5	.071	2.48	2.47	5.0	5.0	1.32	1.32	.31
ТПП222	127/220	5.5	.071	2.48	2.48	10.0	10.0	0.66	0.67	.21
ТПП223	127/220	5.5	.071	5.0	5.0	5.0	5.0	1.25	1.25	.244
ТПП224	127/220	5.5	.071	5.0	5.0	10.0	10.0	2.62	2.61	.156
ТПП225	127/220	5.5	.071	10.0	10.0	20.0	20.0	2.57	2.57	.084
ТПП226	127/220	5.5	.071	20.0	20.0	20.0	20.0	3.98	3.96	.063
ТПП227	127/220	9.0	.11	1.25	1.25	1.24	1.24	0.35	0.35	1.57
ТПП228	127/220	9.0	.11	1.25	1.25	2.51	2.50	0.67	0.67	1.02
ТПП229	127/220	9.0	.11	2.54	2.54	2.52	2.52	0.68	0.67	.795
ТПП230	127/220	9.0	.11	2.49	2.48	5.0	5.0	0.66	0.66	.55
ТПП231	127/220	9.0	.11	2.5	2.5	10.0	10.0	2.6	2.6	.293
ТПП232	127/220	9.0	.11	5.04	5.04	10.0	10.0	2.63	2.63	.255
ТПП233	127/220	9.0	.11	5.0	5.0	20.0	20.0	1.3	1.3	.17
ТПП234	127/220	9.0	.11	10.0	10.0	10.0	10.0	2.55	2.55	.2
ТПП235	127/220	9.0	.11	10.0	10.0	20.0	20.0	2.57	2.57	.138
ТПП236	127/220	9.0	.11	10.0	10.0	20.0	20.0	5.0	5.0	.128
ТПП237	127/220	14.5	.175	4.97	4.97	10.0	10.0	1.3	1.29	.445
ТПП238	127/220	9.0	.110	20.0	20.0	20.0	20.0	4.0	4.0	.102
ТПП239	127/220	14.5	.175	1.24	1.24	1.23	1.23	0.34	0.34	2.55
ТПП240	127/220	14.5	.175	1.24	1.24	2.5	2.49	0.34	0.34	1.77

ТПИИ241	127/220	14.5	.175	2.5	2.5	2.5	2.5	0.62	0.62	1.28
ТПИИ242	127/220	14.5	.175	2.47	2.46	5.0	4.96	1.29	1.28	.825
ТПИИ243	127/220	14.5	.175	2.49	2.46	10.0	10.0	0.67	0.68	.552
ТПИИ244	127/220	14.5	.175	3.95	3.95	6.27	6.27	0.74	0.73	.655
ТПИИ245	127/220	14.5	.175	5.05	5.05	10.0	10.0	2.61	2.61	.415
ТПИИ246	127/220	14.5	.175	4.97	4.97	20.0	20.0	5.04	5.04	.242
ТПИИ247	127/220	14.5	.175	10.0	9.98	20.0	20.0	2.59	2.58	.223
ТПИИ248	127/220	14.5	.175	20.0	20.0	20.0	20.0	4.0	4.0	.165
ТПИИ249	127/220	22.0	.25	1.25	1.25	2.53	2.51	0.35	0.35	2.56
ТПИИ250	127/220	22.0	.25	2.51	2.50	5.05	5.0	0.63	0.63	1.35
ТПИИ251	127/220	22.0	.25	2.5	2.5	9.95	10.0	2.58	2.58	.73
ТПИИ252	127/220	22.0	.25	5.05	5.05	5.03	5.03	1.32	1.32	.97
ТПИИ253	127/220	22.0	.25	5.05	5.02	10.0	10.0	2.59	2.58	.61
ТПИИ254	127/220	31.0	.34	2.5	2.5	5.0	5.0	1.34	1.34	1.76
ТПИИ255	127/220	31.0	.34	2.5	2.5	10.0	10.0	0.72	0.72	1.18
ТПИИ256	127/220	31.0	.34	4.0	4.0	6.3	6.3	0.72	0.72	1.4
ТПИИ257	127/220	31.0	.34	5.0	5.0	5.0	5.0	1.35	1.35	1.37
ТПИИ258	127/220	31.0	.34	5.0	5.0	10.0	10.0	2.6	2.6	.88
ТПИИ259	127/220	31.0	.34	5.0	5.0	20.0	20.0	1.34	1.34	.59
ТПИИ260	127/220	31.0	.34	10.0	10.0	10.0	10.0	2.5	2.5	.69
ТПИИ261	127/220	31.0	.34	10.0	10.0	20.0	20.0	2.6	2.6	.475
ТПИИ262	127/220	31.0	.34	20.0	20.0	20.0	20.0	4.1	4.1	.352
ТПИИ263	127/220	57.0	.615	1.28	1.27	1.26	1.26	0.36	0.36	10.0
ТПИИ264	127/220	57.0	.615	2.48	2.47	2.45	2.45	0.7	0.7	5.05
ТПИИ265	127/220	57.0	.615	2.47	2.45	5.0	4.97	0.69	0.69	3.5
ТПИИ266	127/220	57.0	.615	2.48	2.48	10.0	10.0	2.57	2.57	1.89
ТПИИ267	127/220	57.0	.615	5.0	4.98	4.97	4.95	1.31	1.31	2.52

ТПИИ268	127/220	57.0	.615	4.98	4.94	10.0	9.85	2.57	2.55	1.62
ТПИИ269	127/220	57.0	.615	4.98	4.98	20.0	20.0	1.34	1.34	1.08
ТПИИ270	127/220	57.0	.615	10.0	10.0	10.0	10.0	2.59	2.58	1.26
ТПИИ271	127/220	57.0	.615	9.95	10.0	20.0	20.0	4.97	4.95	.815
ТПИИ272	127/220	72.0	.72	2.49	2.48	5.0	5.0	1.35	1.35	4.1
ТПИИ273	127/220	72.0	.72	1.25	1.25	1.25	1.25	0.42	0.42	12.0
ТПИИ274	127/220	72.0	.72	1.25	1.25	2.5	2.5	0.46	0.46	8.8
ТПИИ275	127/220	72.0	.72	2.51	2.51	2.51	2.5	0.68	0.68	5.35
ТПИИ276	127/220	72.0	.72	2.5	2.5	10.0	10.0	0.71	0.71	2.73
ТПИИ277	127/220	72.0	.72	5.0	5.0	5.0	5.0	1.36	1.35	3.2
ТПИИ278	127/220	72.0	.72	5.0	5.0	10.0	10.0	1.35	1.35	2.2
ТПИИ279	127/220	72.0	.72	5.0	5.0	20.0	20.0	5.0	5.0	1.2
ТПИИ280	127/220	72.0	.72	10.0	10.0	9.93	9.93	2.64	2.64	1.6
ТПИИ281	127/220	72.0	.72	10.0	10.0	20.0	20.0	2.62	2.62	1.1
ТПИИ282	127/220	72.0	.72	20.0	20.0	20.0	20.0	4.0	4.0	.815
ТПИИ283	127/220	90.0	.90	1.25	1.25	2.48	2.48	0.62	0.62	10.2
ТПИИ284	127/220	90.0	.90	2.47	2.46	5.0	4.98	0.61	0.61	5.5
ТПИИ285	127/220	90.0	.90	2.50	2.50	9.95	9.95	2.61	2.61	2.98
ТПИИ286	127/220	90.0	.90	3.92	3.91	6.36	6.34	0.75	0.75	4.1
ТПИИ287	127/220	90.0	.90	5.0	5.0	10.0	10.0	2.63	2.63	2.55
ТПИИ288	127/220	90.0	.90	5.0	5.0	20.0	20.0	1.33	1.32	1.7
ТПИИ289	127/220	90.0	.90	10.0	10.0	20.0	20.0	5.0	5.0	1.29
ТПИИ290	127/220	110.0	1.08	1.25	1.25	2.5	2.5	0.62	0.62	12.5
ТПИИ291	127/220	110.0	1.08	2.5	2.5	5.0	5.0	1.42	1.42	6.25
ТПИИ292	127/220	110.0	1.08	2.5	2.5	10.0	10.0	0.62	0.62	4.08
ТПИИ293	127/220	110.0	1.08	4.06	4.06	6.32	6.32	0.62	0.62	4.95
ТПИИ294	127/220	110.0	1.08	5.0	5.0	5.0	5.0	1.46	1.46	4.85

ТПП295	127/220	110.0	1.08	5.0	5.0	20.0	20.0	5.0	5.0	1.84
ТПП296	127/220	110.0	1.08	10.0	10.0	10.0	10.0	2.65	2.65	2.44
ТПП297	127/220	110.0	1.08	9.93	9.93	20.0	20.0	5.05	5.05	1.53
ТПП298	127/220	135.0	1.4	1.25	1.25	1.25	1.25	0.31	0.31	24.0
ТПП299	127/220	135.0	1.4	1.25	1.25	2.49	2.49	0.31	0.31	16.7
ТПП300	127/220	135.0	1.4	2.50	2.50	2.49	2.49	0.63	0.63	12.0
ТПП301	127/220	135.0	1.4	2.48	2.48	4.98	4.98	0.62	0.62	8.3
ТПП302	127/220	135.0	1.4	2.46	2.46	9.9	9.9	2.45	2.45	4.5
ТПП303	127/220	135.0	1.4	4.95	4.95	4.93	4.93	1.56	1.56	6.0
ТПП304	127/220	135.0	1.4	4.92	4.92	10.0	10.0	2.45	2.45	3.86
ТПП305	127/220	135.0	1.4	19.8	19.8	19.8	19.8	4.0	4.0	1.53
ТПП306	127/220	135.0	1.4	4.95	4.95	20.0	20.0	1.55	1.55	2.56
ТПП307	127/220	135.0	1.4	10.0	10.0	10.0	10.0	2.49	2.49	3.0
ТПП308	127/220	135.0	1.4	10.0	10.0	20.0	20.0	2.48	2.48	2.07
ТПП309	127/220	160.0	1.53	1.28	1.28	2.56	2.56	0.64	0.64	18.2
ТПП310	127/220	160.0	1.53	2.53	2.53	5.05	5.05	1.28	1.28	9.15
ТПП311	127/220	160.0	1.53	2.5	2.5	10.0	10.0	2.5	2.5	5.35
ТПП312	127/220	160.0	1.53	10.1	10.1	20.2	20.2	5.05	5.05	2.29
ТПП313	127/220	160.0	1.53	4.1	4.1	6.3	6.3	0.63	0.63	7.25
ТПП314	127/220	160.0	1.53	5.0	5.0	10.0	10.0	1.28	1.28	4.92
ТПП315	127/220	160.0	1.53	5.05	5.05	20.2	20.2	5.05	5.05	2.67
ТПП316	127/220	200.0	2.03	1.25	1.25	2.5	2.5	0.31	0.31	25.6
ТПП317	127/220	200.0	2.03	2.5	2.5	2.49	2.49	0.62	0.62	18.6
ТПП318	127/220	200.0	2.03	2.48	2.48	5.0	5.0	0.62	0.62	12.9
ТПП319	127/220	200.0	2.03	2.5	2.5	10.0	10.0	0.63	0.63	8.0
ТПП320	127/220	200.0	2.03	5.0	5.0	5.0	5.0	1.25	1.25	9.3
ТПП321	127/220	200.0	2.03	5.0	5.0	20.0	20.0	1.26	1.26	4.0

ТIII322	127/220	200.0	2.03	10.0	10.0	20.0	20.0	2.48	2.48	3.2
ТIII323	127/220	200.0	2.03	20.0	20.0	20.0	20.0	4.07	4.07	2.4