



Трифазни асинхронни електродвигатели
тип АТ-ВР с електромагнитна нерегулируема спиратка
с общо предназначение

Three-phase induction electric motors
type AT-BR with non-adjustable electromagnetic brake
for general purpose

Мощност OUTPUT		Тип TYPE	Честота на въртене SPEED	Ток CURRENT	КПД Efficiency	Фактор на мощноста Power factor	Пусков ток Starting current	Пусков момент Starting torque	Макс. Момент Max. torque	Спиратчен момент Breaking torque	Инерционен момент Moment of inertia	Маса Weight
			n	In	η	cosφ	кратност от номиналния At direct switch on, as ratio to rated value			Mbr	J	
kW HP			min ⁻¹	A	%		Is/In	Ms/Mn	Mm/Mn	N.m	kg.m ²	Kg
3000 min ⁻¹ S1, S4 - 40 % 240h ⁻¹												
0.18	0.25	AT63A-2 BR	2770	0.49	64	0.81	3.9	2.1	2.4	1.25 / 2.5	0.0005844	6.5
0.25	0.34	AT63B-2 BR	2770	0.67	69	0.78	4.1	2.25	2.5	1.25 / 2.5	0.0006314	6.9
0.37	0.5	AT71A-2 BR	2800	0.91	71	0.83	4.3	2.2	2.4	2.5 / 5.0	0.000943	8.5
0.55	0.75	AT71B-2 BR	2790	1.33	71	0.81	4.1	2.3	2.4	2.5 / 5.0	0.000962	8.8
0.75	1	AT80A-2 BR	2820	1.9	72	0.82	5	2.4	2.6	5.0 / 10	0.002805	11.5
1.1	1.5	AT80B-2 BR	2820	2.55	77	0.81	5.3	2.6	2.6	5.0 / 10	0.002905	12.7
1.5	2	AT80C-2 BR	2850	3.8	75	0.76	6	2.3	3	5.0 / 10	0.003105	13.2
1.5	2	AT90S-2 BR	2875	3.3	77	0.82	6.6	2.7	3	10 / 20	0.00404	16.8
2.2	3	AT90L-2 BR	2860	4.8	80	0.85	6.8	3.1	3.2	10 / 20	0.00423	20.3
3	4	AT100L-2 BR	2880	6.2	82	0.87	7.2	2.5	2.7	15 / 30	0.00852	25.4
4	5.5	AT112M-2BR	2870	8.2	83	0.88	7.2	2.7	3	20 / 40	0.01153	33.2
5.5	7.5	AT132SA-2 BR	2900	11.2	85	0.87	6	2.3	3.1	35 / 70	0.0338	-
7.5	10.2	AT132SB-2 BR	2905	14.3	85	0.89	7	2.1	2.8	35 / 70	0.0365	-
9.2	12.5	AT132MA-2 BR	2890	18	85	0.89	7	2.1	2.8	35 / 70	0.036563	-
11	15	AT132MB-2 BR	2890	21	84	0.88	7.5	2.5	3.2	35 / 70	0.03675	-
11	15	AT160MA-2 -BR	2910	20.3	88	0.9	6	2	2.5	110	0.02679	-
15	20.4	AT160MB-2 BR	2915	27.3	89	0.9	7.2	2.4	2.9	110	0.037	-
18.5	25.2	AT160L-2 BR	2910	32.6	90	0.92	7.2	2.4	3	150	0.04593	-
1500 min ⁻¹ S1, S4 - 40 % 240h ⁻¹												
0.12	0.16	AT63A-4 BR	1340	0.42	59	0.7	3	2	2.1	1.25 / 2.5	0.0006204	5.7
0.18	0.25	AT63B-4 BR	1320	0.58	62	0.72	3	2	2	1.25 / 2.5	0.0006744	6.1
0.25	0.34	AT71A-4 BR	1350	0.79	65	0.7	3.1	2	2.1	2.5 / 5.0	0.0012	8.5
0.37	0.5	AT71B-4 BR	1360	1.12	66	0.72	3.2	2.1	2.2	2.5 / 5.1	0.00133	9.4
0.55	0.75	AT80A-4 BR	1400	1.62	69	0.74	3.7	1.8	2.2	5.0 / 10	0.003185	11.5
0.75	1	AT80B-4 BR	1400	2.2	71	0.7	4.4	2.2	2.5	5.0 / 10	0.003445	12.7
1.1	1.5	AT90S-4 BR	1410	2.8	75	0.78	4.6	2.2	2.4	10 / 20	0.00496	16.7
1.5	2	AT90L-4 BR	1400	3.65	76	0.8	4.8	2.2	2.6	10 / 20	0.00519	19.3
2.2	3.3	AT100LA-4 BR	1410	5.1	79	0.82	5.6	2.2	2.6	15 / 30	0.00983	25
3	4	AT100LB-4 BR	1410	6.8	81	0.82	5.8	2.7	2.8	15 / 30	0.01099	28.9
4	5.5	AT112M-4 BR	1420	8.7	82	0.83	6	2.7	2.9	20 / 40	0.0166	35.8
5.5	7.5	AT132S-4 BR	1440	11.5	85	0.83	6.2	2.6	2.8	35 / 70	0.0443	-
7.5	10.2	AT132M-4 BR	1445	15.5	86	0.83	6.7	2.7	3	35 / 70	0.0519	-
9.5	13	AT132MA-4 BR	1430	18.9	88	0.83	6	2.9	3	35 / 70	0.0521	-
11	15	AT160M-4 BR	1460	20.4	89	0.87	6.8	2.3	3	110	0.0655	-
15	20.4	AT160L-4 BR	1460	27.5	90	0.87	7.5	2.5	3.1	150	0.0895	-
1000 min ⁻¹ S1, S4 - 40 % 240h ⁻¹												
0.18	0.25	AT71A-6 BR	900	0.66	57	0.68	2.5	1.8	2	2.5.2005	0.00154	8.5
0.25	0.34	AT71B-6 BR	880	0.91	60	0.66	2.8	1.9	2	2.5.2005	0.00169	9
0.37	0.5	AT80A-6 BR	930	1.3	62	0.67	3.5	2	2.1	5.0 / 10	0.003845	11.5
0.55	0.75	AT80B-6 BR	925	1.91	66	0.66	3.3	2	2.3	5.0 / 10	0.004115	12.5
0.75	1	AT90S-6 BR	935	2.1	72	0.73	4	2.1	2.4	10 / 20	0.00615	17.3
1.1	1.5	AT90L-6 BR	930	2.9	75	0.75	4.6	2.3	2.4	10 / 20	0.00733	20.8
1.5	2	AT100L-6 BR	920	4	75	0.77	5	1.8	2.1	15 / 30	0.01388	25.9
2.2	3	AT112M-6BR	940	5.9	78	0.78	4.9	2	2.5	20 / 40	0.0204	34.3
3	4	AT132S-6 BR	960	7.3	81	0.76	5	1.7	2.4	35 / 70	0.0447	-
4	5.5	AT132MA-6 BR	960	9.7	83	0.73	6	2.3	2.8	35 / 70	0.0519	-
5.5	7.5	AT132MB-6 BR	960	13.9	83	0.71	6.2	2.4	2.8	35 / 70	0.0583	-

7.5	10.2	AT160M-6 BR	966	15.6	86	0.8	6.5	2.2	3.3	110	0.07315	-
11	15	AT160L-6 BR	965	20.8	87	0.84	7.4	2.4	3.3	150	0.1045	-
1500/3000 min ⁻¹ S1, S4 - 20/40% 240h ⁻¹												
0.45 / 0.6	0.6 / 0.8	AT80A-4/2 BR	1410 / 2830	1.5	61 / 71	0.74 / 0.89	3.5 / 4.4	1.6	2.1 / 2.2	5.0 / 10	0.003185	12
0.6 / 0.8	0.8 / 1.0	AT80B-4/2 BR	1410 / 2830	1.9 / 1.8	66 / 73	0.71 / 0.88	3.5 / 5.0	1.7 / 1.6	2.2 / 2.3	5.0 / 10	0.003445	13.2
0.8 / 1.1	1.1 / 1.5	AT90S-4/2 BR	144 / 2800	2.3 / 2.7	71 / 70	0.73 / 0.88	4.7 / 5.1	1.7	2.4 / 2.2	10 / 20	0.00496	17.3
1.1 / 1.1	1.5 / 2.0	AT90L-4/2 BR	1430 / 2840	2.9 / 3.5	73 / 72	0.79 / 0.92	4.5 / 5.0	1.8 / 1.7	2.3 / 2.2	10 / 20	0.00519	19.9
1.5 / 2.0	2.2 / 3.0	AT100LA-4/2 BR	1440 / 2845	3.7 / 4.9	78 / 75	0.79 / 0.90	5.9 / 5.4	1.9 / 1.5	2.5 / 2.1	15 / 30	0.00983	25.5
2.4 / 3.3	3.3 / 4.1	AT100LB-4/2 BR	1420 / 2855	5.8 / 6.7	78	0.83 / 0.90	5.6 / 6.7	2	2.4	15 / 30	0.01099	29.4
3.2 / 4.3	4.0 / 4.3	AT112M-4/2 BR	1425 / 2845	7.7 / 8.6	79	0.83 / 0.93	5.4 / 6.3	1.9	2.5	20 / 40	0.0166	36.7
4.5 / 6.1	5.5 / 7.4	AT132S-4/2 BR	1455 / 2905	9.9 / 11.2	83 / 79	0.81 / 0.91	5.1 / 6.2	1.9 / 2.2	2.4 / 2.5	35 / 70	0.0443	60
6.1 / 8.2	7.5 / 10.1	AT132M-4/2 BR	1450 / 2900	12.7 / 14.4	86 / 85	0.83 / 0.90	6.3 / 7.0	2.2 / 2.4	2.4 / 2.7	35 / 70	0.0519	72
750/1500 min ⁻¹ S1, S4 - 20/40% 240h ⁻¹												
0.7 / 1.1	0.95 / 1.5	T100LA-8/4 BR	700 / 1415	2.6 / 2.7	64 / 68	0.65 / 0.84	3.5 / 4.3	1.5	2	15 / 30	0.01152	23.9
0.9 / 1.5	1.4 / 2.2	AT100LB-8/4 BR	700 / 1415	3.4 / 3.5	64 / 74	0.64 / 0.87	3.3 / 4.8	1.6 / 1.4	2.2 / 2.0	15 / 30	0.01266	26.4
1.4 / 2.2	1.9 / 3.0	AT112M-8/4 BR	710 / 1430	4.5 / 4.6	69 / 78	0.66 / 0.89	3.8 / 5.8	1.9 / 1.7	2.3 / 2.4	20 / 40	0.0204	34.2
1.9 / 2.5	2.7 / 3.6	AT132S-8/4 BR	705 / 3.6	5.0 / 5.9	77 / 76	0.75 / 0.90	4.0 / 4.7	1.6 / 1.5	2.0 / 2.1	35 / 70	0.0486	54
2.5 / 3.4	3.7 / 5.0	AT132M-8/4 BR	700 / 1420	6.4 / 8.0	76 / 78	0.76 / 0.87	3.9 / 4.9	1.8 / 1.7	2	35 / 70	0.0608	65

СПЕЦИАЛНИ ДВУСКОРОСНИ ЕЛЕКТРОДВИГАТЕЛИ
750/3000 min⁻¹, S4 - 20/40% 240h⁻¹

Мощност		Тип	Спирачен момент	
			мальк	голям
kW	HP		M _{br}	
N.m				
0.02 / 0.10	0.027 / 0.14	AT63A-8/2 BR	1.25	2.5
0.03 / 0.15	0.04 / 0.20	AT63B-8/2 BR	1.25	2.5
0.05 / 0.20	0.07 / 0.27	AT71A-8/2 BR	2.5	5
0.07 / 0.30	0.10 / 0.40	AT71B-8/2 BR	2.5	5
0.09 / 0.37	0.12 / 0.50	AT80A-8/2 BR	4	10
0.13 / 0.55	0.18 / 0.75	AT80B-8/2 BR	4	10
0.18 / 0.75	0.24 / 1.00	AT90S-8/2 BR	10	20
0.25 / 1.10	0.34 / 1.50	AT90L-8/2 BR	10	20
0.37 / 1.50	0.50 / 2.00	AT100LA-8/2 BR	20	30
0.55 / 2.20	0.75 / 3.00	AT100LB-8/2 BR	20	30
0.75 / 3.00	1.00 / 4.00	AT112M-8/2 BR	25	40
1.25 / 5.00	1.60 / 6.70	AT132MA-8/2 BR	35	70

СПЕЦИАЛНИ ДВУСКОРОСНИ ЕЛЕКТРОДВИГАТЕЛИ 500/1500 min⁻¹, S4 - 20/40% 240h⁻¹

Мощност		Тип	Честота на въртене	Ток	КПД	Фактор на мощността	Пусков ток			Спирачен момент	Инерционен момент	Маса
							при директно включване, като кратност от номиналния					
kW	HP	-	η	In	h	cosφ	Is/In	Ms/Mn	Mm/Mn	Mbr	J	Kg
min ⁻¹ , A, %, N.m, kg.m ²												
0.05 / 0.15	0.08 / 0.20	AT71A-12/4 BR	460 / 1440	0.93 / 0.69	ное.15	0.70 / 0.72	1.2 / 3.2	1.9 / 1.8	2.3 / 2.4	2.5.2005	0.00154	9.5
0.06 / 0.20	0.08 / 0.28	AT71B-12/4 BR	470 / 1440	0.94 / 0.71	15 / 60	0.68 / 0.71	1.3 / 3.5	1.95 / 1.8	2.4 / 2.5	2.5.2005	0.0017	10.1
0.08 / 0.25	0.11 / 0.34	AT80A-12/4 BR	440 / 1450	1.3 / 1.3	14 / 43	0.74 / 0.65	1.2 / 2.8	2.1 / 2.1	2.7 / 3.3	5.0 / 10	0.003845	11.5
0.12 / 0.37	0.16 / 0.50	AT80B-12/4 BR	440 / 1450	1.8 / 1.8	14 / 47	0.71 / 0.64	1.2 / 2.6	2.3 / 2.1	2.8 / 3.2	5.0 / 10	0.004115	12.5
0.18 / 0.55	0.24 / 0.75	AT90S-12/4 BR	450 / 1420	2.1 / 1.6	16 / 66	0.71 / 0.78	1.3 / 4.2	1.8 / 1.95	2.2 / 2.7	10 / 20	0.00615	16.6
0.25 / 0.75	0.34 / 1.0	AT90L-12/4 BR	450 / 1430	2.7 / 2.2	21 / 63	0.65 / 0.74	1.3 / 3.3	2.0 / 1.9	2.3 / 2.9	10 / 20	0.00733	26.5
0.37 / 1.10	0.50 / 1.5	AT100LA-12/4 BR	440 / 1420	3.4 / 3.0	25 / 67	0.65 / 0.81	1.1 / 1.2	1.8 / 1.9	2.0 / 2.4	20 / 30	0.01388	26
0.55 / 1.50	0.75 / 2.0	AT100LB-12/4 BR	430 / 1410	5.0 / 4.0	26 / 66	0.65 / 0.82	1.2 / 1.2	1.8 / 1.92	2.0 / 2.4	20 / 30	0.01388	29
0.75 / 2.20	1.0 / 3.0	AT112M-12/4 BR	450 / 1400	6.5 / 6.0	33 / 70	0.54 / 0.85	1.3 / 1.3	1.8 / 1.9	2.1 / 2.5	25 / 40	0.0204	35.8
1.33 / 4.00	1.8 / 5.5	BR	460 / 1450	7.7 / 8.9	48 / 80	0.56 / 0.83	1.5 / 4.0	1.9 / 2.0	2.3 / 2.6	35 / 70	0.0519	65
1.66 / 5.00	2.3 / 6.8	BR	470 / 1450	40552	49 / 81	0.57 / 0.84	1.6 / 5.0	1.9 / 2.1	2.3 / 2.6	35 / 70	0.0583	72
2.70 / 8.50	3.6 / 11.3	AT160M-12/4 BR	480 / 1460	14 / 18	66 / 86	0.47 / 0.82	1.5 / 5.0	2.0 / 2.1	2.2 / 2.8	110	0.058465	109
4.00 / 12.00	42434	AT160L-12/4 BR	470 / 1450	18 / 29	68 / 87	0.48 / 0.73	1.6 / 5.1	1.9 / 2.0	2.3 / 2.8	150	0.058745	140