Drehstrommotoren - Reihe AT aluminium IE1
Three-Phase Electric Motors Series AT aluminum IE1

50Hz 400V

TYP TYPE	Bemessungsleistung Rated Output		Betriebswerte bei Bemessungsleistung Parameters at Rated Output					Anlaufverhalten Starting Performance			Gewicht IMB3 Weight IMB3
	P_N		$n_{N,50Hz}$	I_N, A		η	$\cos\varphi$	I_S/I_N	M_S/M_N	M_{MAX}/M_N	M
	kW	HP	min^{-1}	230	400	%	-	-	-	-	kg
									3000min^{-1}		2p=2
AT 63 A2	0.18	0.25	2760	0.8	0.5	66	0.81	4.0	2.1	2.4	3.7
AT 63 B2	0.25	0.34	2760	1.2	0.7	69	0.78	4.0	2.1	2.4	4.1
AT 63 C2	0.37	0.5	2760	1.6	1.0	70	0.80	4.0	2.1	2.4	4.5
AT 71 A 2	0.37	0.50	2760	1.6	1.0	67	0.84	4.0	2.1	2.4	5.8
AT 71 B 2	0.55	0.75	2780	2.4	1.4	72	0.79	4.3	2.3	2.5	6.5
AT 80 A 2	0.75	1.00	2850	3.3	1.9	75	0.76	6.0	2.3	3.0	8.2
AT 80 B 2	1.10	1.50	2850	4.4	2.6	77	0.80	6.0	2.7	3.2	9.4
AT 80 C2	1.50	2.00	2850	6.5	3.8	75	0.76	6.0	2.3	3.0	10.2
AT 80 D2	2.20	3.00	2850	8.9	5.2	77	0.80	6.0	2.7	3.2	12.0
AT 90 S 2	1.50	2.00	2830	5.7	3.3	80	0.82	6.5	2.1	3.0	11.7
AT 90 L 2	2.20	3.00	2850	8.5	5.0	81	0.79	6.8	2.3	2.8	13.5
AT 90 LB2	3.00	4.00	2880	11.1	6.4	83	0.81	6.5	2.5	3.2	15.2
AT 100 L2	3.00	4.00	2850	11.4	6.6	82	0.80	6.4	2.4	3.0	19.0
AT 100 LB2	4.00	5.50	2840	14.3	8.3	83	0.84	6.1	2.3	3.0	21.4
AT 100 LC2	5.50	7.50	2840	19.6	11.4	83	0.84	6.1	2.3	3.0	24.5
AT 112 M2	4.00	5.5	2860	14.3	8.3	83	0.84	6.5	2.2	3.0	24.7
AT 112 MB2	5.50	7.5	2880	19.1	11.1	85	0.84	6.0	2.1	3.0	27.3
AT 132 Sk2	5.50	7.5	2900	18.9	11.0	86	0.84	7.2	2.1	3.0	34.1
AT 132 S2	7.50	10.0	2880	25.2	14.7	87	0.85	6.9	2.0	2.8	40.2
AT 132 M2	11.00	15.0	2915	36.1	21.0	88	0.86	7.2	2.3	3.0	52.1
									1500min^{-1}		2p=4
AT 63 A4	0.12	0.18	1350	0.8	0.4	55	0.71	4.0	2.1	2.4	3.7
AT 63 B4	0.18	0.25	1350	1.0	0.6	60	0.73	4.0	2.1	2.4	4.1
AT 63 C4	0.25	0.37	1400	1.4	0.8	67	0.68	4.0	2.1	2.4	4.4
AT 71 A 4	0.25	0.34	1350	1.4	0.8	65	0.67	3.1	2.0	2.1	6.3
AT 71 B 4	0.37	0.5	1360	1.9	1.1	68	0.72	3.3	2.0	2.1	7.0
AT 71 C4	0.55	0.75	1400	2.4	1.4	67	0.84	4.0	2.1	2.4	8.0
AT 80 A 4	0.55	0.75	1400	2.8	1.6	70	0.71	4.0	2.1	2.5	8.3
AT 80 B 4	0.75	1.00	1400	3.6	2.1	72	0.72	4.3	2.5	2.8	9.4
AT 80 C 4	1.10	1.50	1400	5.5	3.2	70	0.71	4.0	2.1	2.5	10.0
AT 80 D 4	1.50	2.00	1400	7.2	4.2	72	0.72	4.3	2.5	2.8	11.8
AT 90 S 4	1.10	1.50	1400	4.8	2.8	76	0.75	4.7	2.5	2.8	11.5
AT 90 L 4	1.50	2.00	1400	6.4	3.7	76	0.77	4.6	2.6	2.9	13.5
AT 90 LB4	2.20	3.00	1400	8.9	5.2	79	0.78	5.2	2.4	2.6	15.1
AT 100 LK4	2.20	3.00	1420	8.6	5.0	82	0.78	5.2	2.2	2.6	18.7
AT 100 L4	3.00	4.00	1430	11.7	6.8	82	0.78	5.3	2.5	2.8	22.0
AT 100 LB4	4.00	5.50	1410	15.4	8.9	80	0.81	5.2	2.5	2.9	24.2
AT 112 M4	4.00	5.50	1420	15.4	8.9	80	0.81	6.3	2.6	3.0	26.6
AT 112 MB4	5.50	7.50	1410	20.5	11.8	83	0.81	6.9	2.6	3.0	30.2
AT 132 S4	5.50	7.50	1430	19.7	11.4	85	0.82	6.5	2.2	2.9	40.5
AT 132 M4	7.50	10.00	1450	27.6	16.0	86	0.79	7.0	2.2	2.9	50.0
AT 132 MA4	9.50	12.70	1450	35.0	20.2	86	0.79	7.0	2.2	2.9	50.0
AT 132 MB4	11.00	15.00	1450	40.5	23.4	86	0.79	7.1	2.2	2.9	60.0
									1000min^{-1}		2p=6
AT 71 A 6	0.18	0.25	880	1.2	0.7	57	0.68	2.5	1.8	2.0	5.3
AT 71 B 6	0.25	0.34	880	1.6	0.9	60	0.66	2.8	1.9	2.0	6.5
AT 80 A 6	0.37	0.50	950	2.1	1.2	68	0.66	4.0	2.3	3.0	10.0
AT 80 B 6	0.55	0.75	950	2.8	1.6	70	0.69	4.0	2.7	3.2	12.0
AT 90 S 6	0.75	1.00	930	4.4	2.5	61	0.70	4.2	2.1	3.0	14.0
AT 90 L 6	1.10	1.50	930	6.5	3.7	60	0.71	5.0	2.3	2.8	15.2
AT 100 L6	1.50	2.00	940	6.4	3.7	78	0.75	5.0	2.5	3.2	21.5
AT 112 M6	2.20	3.00	950	9.2	5.3	80	0.75	5.1	2.4	3.0	26.2
AT 132 S6	3.00	4.00	960	12.5	7.2	82	0.73	5.6	2.3	3.0	-
AT 132 MK6	4.00	5.50	960	15.9	9.2	83	0.76	6.0	2.2	3.0	-
AT 132 M6	5.50	7.50	960	20.5	11.8	85	0.79	6.0	2.1	3.0	-
									750min^{-1}		2p=8
AT 90 S 8	0.37	0.50	700	3.4	1.9	46	0.60	4	2.1	2.5	14.0
AT 90 L 8	0.55	0.75	700	5.0	2.9	46	0.60	4.3	2.5	2.8	15.1
AT 100 Lk8	0.75	1.00	700	4.1	2.4	68	0.67	4.8	2.5	2.8	17.8
AT 100 L8	1.10	1.50	700	5.8	3.3	70	0.68	4.6	2.6	2.9	21.5
AT 112 M8	1.50	2.00	710	7.5	4.3	75	0.67	5.2	2.4	2.6	26.2
AT 132 S8	2.20	3.00	710	10.7	6.2	79	0.65	5.3	2.3	2.8	-
AT 132M8	3.00	4.00	710	14.0	8.1	80	0.67	6.3	2.6	3	-