

Y₂A: 2POLE / 3000rpm

Technical Specifications

Y2A=cast aluminum series Motor Size ace. To	rated output power PN kW	full-load current			full-load speed (RPM) n/min	EFFICIENCY			POWER FACTOR			locked rotor Current Ia/In	locked rotor torque Ma/Mn	break down torque Mk/Mn	moment of inertia J kg.m ²	net weight m kg
		380V IU A	400V IN A	420V IO A		100% LOAD (%)	75% LOAD (%)	50% LOAD (%)	100% LOAD Cos 0	75% LOAD Cos0	50% LOAD Cos0					
IEC-DIN																
Y2A 56 K2	0.09	0.37	0.37	0.35	2610	51	58.4	54	0.7	0.646	0.525	4	1.8	2	0.000053	3.2
Y2A 56 G2	0.12	0.47	0.45	0.43	2610	55	60.3	57.8	0.7	0.667	0.542	4	1.8	2	0.000057	3.4
Y2A 63 K2 Y2A	0.18	0.65	0.62	0.6	2610	57	62.7	60.9	0.73	0.709	0.579	5.5	2.2	2.2	0.0001	3.9
63 G2	0.25	0.86	0.82	0.78	2610	59	63.9	63	0.75	0.731	0.6	5.5	2.2	2.2	0.000113	4.4
Y2A 71 K2 Y2A	0.37	1.15	1.09	1.04	2730	61	61.5	58	0.8	0.72	0.59	6.1	2.2	2.2	0.000348	6.2
71 G2	0.55	1.62	1.54	1.46	2740	63	63.5	60	0.82	0.75	0.62	6.1	2.2	2.3	0.0004	6.3
Y2A 80 K2	0.75	1.83	1.74	1.66	2845	76.9	76.14	72.18	0.814	0.739	0.609	5.8	2.4	2.5	0.000916	8.3
Y2A 80 G2	1.1	2.58	2.45	2.33	2840	77.9	76.9	67.55	0.82	0.792	0.676	6.2	2.5	2.5	0.00099	9
Y2A 90 S2	1.5	3.5	3.3	3.2	2840	79.78	79.9	77.42	0.853	0.803	0.696	6	2.7	2.8	0.002462	12.5
Y2A 90 L2	2.2	4.9	4.7	4.5	2840	81.89	82.16	80.61	0.869	0.828	0.733	6	2.5	2.8	0.002815	14
Y2A 100 L2	3	6.3	6	5.7	2870	83.43	83.86	82.2	0.886	0.845	0.752	7.5	2.2	2.5	0.00293	20.5
Y2A 112 M2	4	8.1	7.7	7.4	2880	85.55	86.38	85.5	0.9	0.872	0.789	7.1	2.3	2.3	0.003021	26
Y2A 132 S2 Y2A	5.5	11.1	10.5	10.3	2895	85.7	85.8	84.2	0.88	0.85	0.76	7.5	2.3	2.5	0.006496	40
132 SX2	7.5	14.9	14.2	13.8	2880	87	87.5	86.8	0.88	0.85	0.81	7.5	2.2	2.4	0.007838	44

All technical details are based on 400V/ 50HZ.

Y₂A: 4POLE/1500rpm

Technical Specifications

YsA=cast aluminum series Motor Size ace. To	rated output power PN kW	full-load current			full-load speed (RPM) n/min	EFFICIENCY			POWER FACTOR			locked rotor Current Ia/In	locked rotor torque MMn	break down torque Mk/Mn	moment of inertia J kg.m ²	net weight m kg
		380V IU A	400V IN A	420V IO A		100% LOAD (%)	75% LOAD (%)	50% LOAD (%)	100% LOAD Cos0	75% LOAD Cos0	50% LOAD Cos0					
IEC-DIN																
Y2A 56 K4	0.06	0.31	0.3	0.28	1200	48	47	41	0.68	0.58	0.47	4	1.4	2	0.000064	3.2
Y2A 56 G4	0.09	0.43	0.41	0.39	1200	49	49.5	44	0.65	0.6	0.48	4	1.8	2	0.00007	3.4
Y2A 63 K4	0.12	0.57	0.54	0.5	1220	49	50.7	45	0.65	0.58	0.46	4	1.8	2 1	0.000117	4
Y2A 63 G4	0.18	0.8	0.76	0.72	1220	49.8	51.0	46	0.68	0.61	0.48	4	1.8	2	0.000136	4.5
Y2A 71 K4	0.25	0.96	0.91	0.87	1320	58.3	57.5	55	0.68	0.6	0.48	5.2	2.2	2.1	0.000423	6.1
Y2A 71 G4	0.37	1.27	1.2	1.15	1305	61.4	62	60	0.72	0.63	0.5	5.8	2.2	2.1	0.000469	6.7
Y2A 80 K4	0.55	1.57	1.49	1.42	1390	72.57	73	69	0.76	0.67	0.54	5.3	2.2	2.5	0.001146	8.9
Y2A 80 G4	0.75	2.03	1.93	1.84	1380	74.13	74	70	0.74	0.65	0.57	5.3	2.3	2.5	0.001263	9.6
Y2A 90 S4 Y2A	1.1	2.9	2.8	2.7	1390	75.6	77	75	0.79	0.71	0.58	4.7	2.3	2.5	0.002761	12.5
90 L4	1.5	3.82	3.6	3.5	1390	78.69	80	78	0.79	0.73	0.6	5.2	2.3	2.5	0.003283	15
Y2A 100 L4 Y2A	2.2	5.67	4.8	4.6	1415	80.67	82	80	0.82	0.75	0.62	6.8	2.3	2.5	0.003119	19.2
100 LX4	3		6.4	6.1	1415	82.39	83	82	0.82	0.76	0.63	7.1	2.3	2.5	0.004707	23
Y2A 112 M4	4	8.7	8.3	7.9	1430	84.47	85	84	0.83	0.77	0.65	6.4	2.3	2.6	0.006418	29
Y2A 132 S4 Y2A	5.5	11.8	11.2	10.9	1445	85.7	86	85	0.83	0.78	0.68	7	2.3	2.5	0.013249	43.5
132 M4	7.5	15.6	14.9	14.5	1445	87	88	87	0.84	0.8	0.72	7	2.2	2.5	0.016912	53.5

All technical details are based on 400V/ 50HZ.

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