

ADK

THREE PHASE INDUCTION MOTORS



EFF2

▪ ENERGY SAVING ▪ HIGH EFFICIENCY

General Description

Standard : IEC
Frame Size : 63 to 355
Characteristic : Class F, IP 55
T-Box : On top
Application : Machining tolling, fan,
water pump, compressor
transportation, agriculture,
food processing, etc.

SINGLE PHASE INDUCTION MOTOR



PERFORMANCE DATA **ADK** THREE PHASE INDUCTION MOTORS

2 POLE

Type	Output kW	Amps A	Speed r/min	EFF %	P.F. Cos ϕ	Weight kg
63M1-2	0.18	0.53	2720	65.0	0.80	4.5
63M2-2	0.25	0.69	2720	68.0	0.81	4.7
71M1-2	0.37	1.01	2755	69.0	0.81	6
71M2-2	0.55	1.38	2790	74.0	0.82	6.3
80M1-2	0.75	1.77	2845	75.0	0.83	16
80M2-2	1.1	2.46	2835	76.2	0.84	17
90S-2	1.5	3.46	2850	78.5	0.84	20
90L-2	2.2	4.85	2855	81.0	0.85	23
100L-2	3	6.34	2860	82.6	0.87	30
112M-2	4	8.2	2880	84.2	0.88	41
132S1-2	5.5	11.1	2900	85.7	0.88	57.5
132S2-2	7.5	14.9	2900	87.0	0.88	60.5
160M1-2	11	21.2	2930	88.4	0.89	107
160M2-2	15	28.6	2930	89.4	0.89	114
160L-2	18.5	34.7	2930	90.0	0.90	133
180M-2	22	41	2940	90.5	0.90	165
200L1-2	30	55.4	2950	91.4	0.90	218
200L2-2	37	67.9	2950	92.0	0.90	230
225M-2	45	82.1	2960	92.5	0.90	290
250M-2	55	100	2970	93.0	0.90	359
280S-2	75	134	2975	93.6	0.90	475
280M-2	90	159	2975	93.9	0.91	510
315S-2	110	195	2975	94.0	0.91	875
315M-2	132	233	2975	94.5	0.91	963
315L1-2	160	282	2975	94.6	0.91	1010
315L2-2	200	348	2975	94.8	0.92	1138
355M-2	250	433	2980	95.2	0.92	1900
355L-2	315	545	2980	95.4	0.92	2300

4 POLE

Type	Output kW	Amps A	Speed r/min	EFF %	P.F. Cos ϕ	Weight kg
63M1-4	0.12	0.44	1310	57	0.72	4.5
63M2-4	0.18	0.62	1310	60	0.73	4.7
71M1-4	0.25	0.79	1345	65	0.74	6
71M2-4	0.37	1.12	1340	67	0.75	6.3
80M1-4	0.55	1.52	1390	71	0.75	15
80M2-4	0.75	1.95	1380	73	0.76	15.5
90S-4	1.1	2.85	1390	76.2	0.77	19
90L-4	1.5	3.72	1400	78.5	0.78	23
100L1-4	2.2	5.09	1420	80	0.81	29
100L2-4	3	6.78	1410	82.6	0.82	31
112M-4	4	8.8	1435	84.2	0.82	42
132S-4	5.5	11.7	1440	85.7	0.83	63.5
132M-4	7.5	15.6	1450	87	0.84	72
160M-4	11	22.5	1460	88.4	0.84	110
160L-4	15	30	1460	89.4	0.85	129
180M-4	18.5	36.3	1470	90	0.86	160
180L-4	22	43.2	1470	90.5	0.86	178
200L-4	30	57.6	1470	91.4	0.86	228
225S-4	37	70.2	1475	92	0.87	288
225M-4	45	84.9	1475	92.5	0.87	313
250M-4	55	103	1480	93	0.87	376
280S-4	75	140	1340	93.6	0.88	508
280M-4	90	165	1340	93.9	0.88	581
315S-4	110	201	1480	94.5	0.88	846
315M-4	132	240	1480	94.8	0.88	940
315L1-4	160	287	1480	94.9	0.89	1044
315L2-4	200	359	1480	94.9	0.89	1162
355M-4	250	442	1490	95.2	0.90	1700
355L-4	315	559	1490	95.2	0.90	1900

6 POLE

Type	Output kW	Amps A	Speed r/min	EFF %	P.F. Cos ϕ	Weight kg
71M1-6	0.18	0.74	870	56	0.66	6
71M2-6	0.25	0.95	870	59	0.68	6.3
80M1-6	0.37	1.23	880	62	0.70	15
80M2-6	0.55	1.7	880	65	0.72	16
90S-6	0.75	2.29	905	69	0.72	20
90L-6	1.1	3.18	905	72	0.73	23
100L-6	1.5	4	920	76	0.75	29
112M-6	2.2	5.6	935	79	0.76	41
132S-6	3	7.4	960	81	0.76	59
132M1-6	4	9.5	960	82	0.76	66
132M2-6	5.5	12.6	960	84	0.77	76.5
160M-6	7.5	17.2	970	86	0.77	106
160L-6	11	24.5	970	87.5	0.78	122
180L-6	15	31.6	970	89	0.81	167
200L1-6	18.5	38.6	980	90	0.81	236
200L2-6	22	44.7	980	90	0.83	247
225M-6	30	59.3	980	91.5	0.84	287
250M-6	37	71	980	92	0.86	355
280S-6	45	86	980	92.5	0.86	444
280M-6	55	103	980	92.8	0.86	498
315S-6	75	141	935	93.5	0.86	859
315M-6	90	169	935	93.8	0.86	950
315L1-6	110	206	935	94	0.86	1031
315L2-6	132	244	935	94.2	0.87	1107
355M1-6	160	292	990	94.5	0.88	1550
355M2-6	200	365	990	94.5	0.88	1600
355L-6	250	457	990	94.5	0.88	1700

PERFORMANCE DATA **ADK** SINGLE PHASE INDUCTION MOTORS

Technical data of YC series

Type	Output (KW)	Speed (r/min)	Amps (A)	Voltage (V)	EFF. (%)	P.F. Cos ϕ	Weight (kg)
YC712-4	0.18	1400	2.5	220	53	0.62	10
YC802-4	0.37	1400	4.2	220	62	0.64	14.5
YC90S-4	0.55	1400	5.5	220	66	0.69	22
YC90L-4	0.75	1400	6.9	220	68	0.73	21
YC100L1-4	1.1	1400	9.5	220	71	0.74	31
YC100L2-4	1.5	1400	12.5	220	73	0.75	32

Technical data of YL series

Type	Output (KW)	Speed (r/min)	Amps (A)	Voltage (V)	EFF. (%)	P.F. Cos ϕ	Weight (kg)
YL711-2	0.37	2800	2.7	220	67	0.92	10
YL801-2	0.75	2800	5.1	220	72	0.92	14
YL802-2	1.1	2800	7.0	220	75	0.95	15
YL90S-2	1.5	2800	9.4	220	76	0.95	22
YL90L-2	2.2	2800	13.7	220	77	0.95	24
YL712-4	0.37	1400	2.8	220	65	0.92	10
YL801-4	0.55	1400	4.0	220	68	0.92	13
YL802-4	0.75	1400	5.2	220	71	0.92	14
YL90S-4	1.1	1400	7.2	220	73	0.95	21
YL90L-4	1.5	1400	9.6	220	75	0.95	23
YL100L1-4	2.2	1400	13.9	220	76	0.95	32
YL100L2-4	3	1400	18.6	220	77	0.95	33
YL112M-4	3.7	1400	22.4	220	79	0.95	44

Single-phase capacitor-start asynchronous motor. Series YC, is totally enclosed fan-cooled type. The starting torque of motors is 2-3 times as rated torque. The motor give excellent performance such as low in noise, low in temperature-rise, high in overloading capacity and convenience in maintenance. It may widely application in all types of small machine tools compression pumps refrigerators and the equipment which need bigger starting torque, etc. Working conditions: Altitude above sea level not over 1000m, Altitude temperature not over 40°C

YL series capacitor asynchronous motors are single-phase motors of capacitor start and run. Main features: small size high capacity, strong starting torque, high power factor and efficiency, safety and reliability in running, simple construction and easy maintenance.

It possess frame No. and capacity as three-phase asynchronous motors. The rated frequency of the motors in 50 Hz while the rated voltage is 220V. YL series motors are suitable for machines and equipments such as full load start.

ADK

THREE PHASE INDUCTION MOTORS



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