

Y/Y2/AEEF/MS series Three Phase Induction Motor



56-132TYPE MS



AEEF

Web: www.landtop.cn Email: sales@landtop.cn Mob: 0086-18059007868

Operating conditions:

1. Ambient temperature: $-15^{\circ}\text{C} \leq \theta \leq 40^{\circ}\text{C}$
2. Altitude: $\leq 1000\text{m}$
3. Rated voltage: 380V, other voltage on request
4. Rated frequency: 50HZ, other frequency on request
5. Duty/Rating: Continuous(S1)
6. Insulation class: Class B/F
7. Protection class: IP44/IP54/IP55
8. Cooling method: IC411



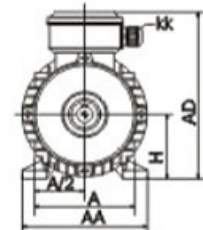
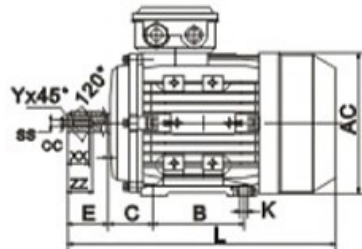
Y

Overall and mounting dimension

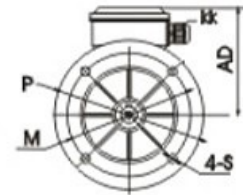
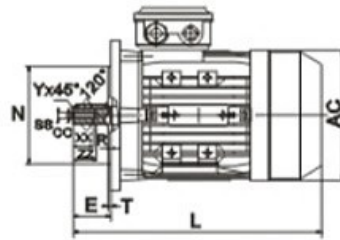
B3



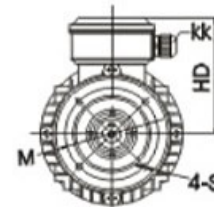
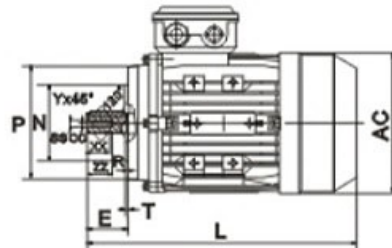
Y2



B5



B14



Technical data

Type	Mounting Dimension (mm)														Overall Dimension (mm)						
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	AB	AC	AD	HD	HF	L
56	90	71	36	9	20	3	7.2	56	5.8	98	80	120	0	7	3	110	120	110	145	130	195
63	100	80	40	11	23	4	8.5	63	7	115	95	140	0	10	3	135	130	70	180	145	225
71	112	90	45	14	30	5	11	71	7	130	110	160	0	10	3.5	150	145	80	195	185	250
80	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	180	195	155	250	195	315
90S	140	100	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	195	155	250	245	340
90L	140	125	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	195	155	250	245	340
100L	160	140	63	28	60	8	24	100	12	215	180	250	0	15	4	205	215	180	270	265	385
112M	190	140	70	28	60	9	24	112	12	215	180	250	0	15	4	230	240	190	300	315	400
132S	216	140	89	38	80	10	33	132	12	265	230	300	0	15	4	270	275	210	345	315	470
132M	216	178	89	38	80	10	33	132	12	265	230	300	0	15	4	270	275	210	345	385	510
160M	254	210	108	42	110	12	37	160	15	300	250	350	0	19	5	320	330	255	420	385	615
160L	254	254	108	42	110	12	37	160	15	300	250	350	0	19	5	320	330	255	420	430	670
180M	279	241	121	48	110	14	42.5	180	15	300	250	350	0	19	5	355	380	280	455	430	700
180L	279	279	121	48	110	14	42.5	180	15	300	250	350	0	19	5	355	380	280	455	480	740
200L	318	305	133	55	110	16	49	200	19	350	300	400	0	19	5	375	420	305	545	535	770
225S	356	286	149	60	110	18	53	225	19	450	350	450	0	19	5	435	470	335	555	535	815
225M-2	356	311	149	55	110	16	49	225	19	450	350	450	0	19	5	435	470	335	555	535	820
225M-4, 6, 8	356	311	149	60	140	18	53	225	19	450	350	450	0	19	5	435	470	335	555		845
250M-2	406	349	168	60	140	18	53	250	24	500	450	550	0	19	5	490	510	370	615		910
250M-4, 6, 8	406	349	168	65	140	18	58	250	24	500	450	550	0	19	5	490	510	370	615		910
280S-2	457	368	190	65	140	18	58	280	24	500	450	550	0	19	5	550	580	410	680		985
280S-4, 6, 8	457	368	190	75	140	20	67.5	280	24	500	450	550	0	19	5	550	580	410	680		985
280M-2	457	419	190	65	140	18	58	280	24	500	450	550	0	19	5	550	580	410	680		1035
280M-4, 6, 8	457	419	190	75	140	20	67.5	280	24	500	450	550	0	19	5	550	580	410	680		1035
315S-2	508	406	216	65	140	18	58	315	28	600	550	660	0	24	6	635	645	530	845		1160
315S-4, 6, 8, 10	508	406	216	80	170	22	71	315	28	600	550	660	0	24	6	635	645	530	845		1270
315M-2	508	457	216	65	140	18	58	315	28	600	550	660	0	24	6	635	645	530	845		1190
315M-4, 6, 8, 10	508	457	216	80	170	22	71	315	28	600	550	660	0	24	6	635	645	530	845		1300
315L-2	508	508	216	65	140	18	58	315	28	600	550	660	0	24	6	635	645	530	845		1190
315L-4, 6, 8, 10	508	508	216	80	170	22	71	315	28	600	550	660	0	24	6	635	645	530	845		1300
355M-2	610	560	254	75	140	20	67.5	355	28	740	680	800	0	24	6	730	710	655	1010		1500
355M-4, 6, 8, 10	610	560	254	95	170	25	86	355	28	740	680	800	0	24	6	730	710	655	1010		1530
355L-2	610	630	254	75	140	20	67.5	355	28	740	680	800	0	24	6	730	710	655	1010		1500
355L-4, 6, 8, 10	610	630	254	95	170	25	86	355	28	740	680	800	0	24	6	730	710	655	1010		1530

Y/Y2/AEEF/MS series Three Phase Induction Motor

Technical data

Type	Output		Full load				Tst/Tn	Ist/In	Tmax/Tn
	kW	HP	Current (A)	Speed (r/min)	Eff (%)	Power Factor			
380V 50Hz Synchronous Speed3000 r/min(2poles)									
MS/Y2-561-2	0.09	0.12	0.30	2800	62	0.68	2.2	5.5	2.2
MS/Y2-562-2	0.12	0.16	0.38	2800	67	0.75	2.2	5.5	2.2
MS/Y2-631-2	0.18	0.25	0.53	2730	65.0	0.80	2.2	5.5	2.2
MS/Y2-632-2	0.25	0.34	0.69	2725	68.0	0.81	2.2	5.5	2.2
MS/Y2-711-2	0.37	0.50	0.99	2740	70.0	0.81	2.2	6.1	2.2
MS/Y2-712-2	0.55	0.75	1.40	2740	73.0	0.82	2.2	6.1	2.3
MS/Y2-801-2	0.75	1	1.83	2845	75.0	0.83	2.2	6.1	2.3
MS/Y2-802-2	1.1	1.5	2.58	2840	76.2	0.84	2.2	7.0	2.3
MS/Y2-90S-2	1.5	2	3.43	2840	78.5	0.84	2.2	7.0	2.3
MS/Y2-90L-2	2.2	3	4.85	2840	81.0	0.85	2.2	7.0	2.3
MS/Y2-100L-2	3.0	4	6.31	2860	82.6	0.87	2.2	7.5	2.3
MS/Y2-112M-2	4.0	5.5	8.10	2880	84.2	0.88	2.2	7.5	2.3
MS/Y2-132S1-2	5.5	7.5	11.0	2910	85.7	0.88	2.2	7.5	2.3
MS/Y2-132S2-2	7.5	10	14.9	2900	87.0	0.88	2.2	7.5	2.3
Y2-160M 1-2	11	15	21.3	2930	88.4	0.89	2.2	7.5	2.3
Y2-160M2-2	15	20	28.8	2930	89.4	0.89	2.2	7.5	2.3
Y2-160L-2	18.5	25	34.7	2930	90.0	0.90	2.2	7.5	2.3
Y2-180M-2	22	30	41.0	2940	90.5	0.90	2.0	7.5	2.3
Y2-200L1-2	30	40	55.5	2950	91.4	0.90	2.0	7.5	2.3
Y2-200L2-2	37	50	67.9	2950	92.0	0.90	2.0	7.5	2.3
Y2-225M-2	45	60	82.3	2960	92.5	0.90	2.0	7.5	2.3
Y2-250M-2	55	75	101	2965	93.0	0.90	2.0	7.5	2.3
Y2-280S-2	75	100	133.9	2960	93.0	0.90	2.0	7.5	2.3
Y2-280M-2	90	125	160.2	2960	93.8	0.91	2.0	7.5	2.3
Y2-315S-2	110	150	195.4	2970	94.0	0.91	1.8	7.1	2.2
Y2-315M-2	132	180	233.2	2970	94.5	0.91	1.8	7.1	2.2
Y2-315L1-2	160	220	279.3	2970	94.6	0.92	1.8	7.1	2.2
Y2-315L2-2	200	270	347.7	2970	94.8	0.92	1.8	7.1	2.2
Y2-355M-2	250	340	432.3	2970	95.3	0.92	1.6	7.1	2.2
Y2-355L-2	315	430	543	2970	95.6	0.92	1.6	7.1	2.2
380V 50Hz Synchronous Speed1500 r/min(4poles)									
MS/Y2-561-4	0.08	0.08	0.28	1300	58	0.58	2.1	4.4	2.2
MS/Y2-562-4	0.09	0.12	0.35	1300	58	0.61	2.1	4.4	2.2
MS/Y2-631-4	0.12	0.16	0.44	1315	57.0	0.72	2.1	4.4	2.2
MS/Y2-632-4	0.18	0.25	0.62	1315	60.0	0.73	2.1	4.4	2.2
MS/Y2-711-4	0.25	0.34	0.79	1330	65.0	0.74	2.1	5.2	2.2
MS/Y2-712-4	0.37	0.50	1.12	1330	67.0	0.75	2.1	5.2	2.2
MS/Y2-801-4	0.55	0.75	1.57	1390	71.0	0.75	2.4	5.2	2.3
MS/Y2-802-4	0.75	1	2.03	1380	73.0	0.76	2.3	6.0	2.3
MS/Y2-90S-4	1.1	1.5	2.89	1390	76.2	0.77	2.3	6.0	2.3
MS/Y2-90L-4	1.5	2	3.70	1390	78.5	0.79	2.3	6.0	2.3
MS/Y2-100L1-4	2.2	3	5.16	1410	81.0	0.81	2.3	7.0	2.3
MS/Y2-100L2-4	3.0	4	6.78	1410	82.6	0.82	2.3	7.0	2.3
MS/Y2-112M-4	4.0	5.5	8.80	1435	84.2	0.82	2.3	7.0	2.3
MS/Y2-132S-4	5.5	7.5	11.7	1440	85.7	0.83	2.3	7.0	2.3
MS/Y2-132M-4	7.5	10	15.6	1440	87.0	0.84	2.3	7.0	2.3
Y2-160M-4	11	15	22.3	1460	88.4	0.84	2.2	7.0	2.3
Y2-160L-4	15	20	30.1	1460	89.4	0.85	2.2	7.5	2.3
Y2-180M-4	18.5	25	36.5	1470	90.0	0.86	2.2	7.5	2.3
Y2-180L-4	22	30	43.2	1470	90.5	0.86	2.2	7.5	2.3
Y2-200L-4	30	40	57.6	1470	91.4	0.86	2.2	7.2	2.3
Y2-225S-4	37	50	69.9	1475	92.0	0.87	2.2	7.2	2.3
Y2-225M-4	45	60	84.7	1475	92.5	0.87	2.2	7.2	2.3
Y2-250M-4	55	75	103	1480	93.0	0.87	2.2	7.2	2.3
Y2-280S-4	75	100	139.6	1470	93.8	0.87	2.2	7.2	2.3
Y2-280M-4	90	125	166.9	1470	94.2	0.87	2.2	7.2	2.3
Y2-315S-4	110	150	201	1480	94.5	0.88	2.1	6.9	2.2
Y2-315M-4	132	180	240.4	1480	94.8	0.88	2.1	6.9	2.2
Y2-315L1-4	160	220	287.8	1480	94.9	0.89	2.1	6.9	2.2
Y2-315L2-4	200	270	358.6	1480	95.0	0.89	2.1	6.9	2.2
Y2-355M-4	250	340	441.9	1480	95.3	0.90	2.1	6.9	2.2
Y2-355L-4	315	430	555.1	1480	95.6	0.90	2.1	6.9	2.2

Technical data

Type	Output		Full load				Tst/Tn	Ist/In	Tmax/Tn
	kW	HP	Current (A)	Speed (r/min)	Eff (%)	Power Factor			
380V 50Hz Synchronous Speed1000 r/min(6poles)									
MS/Y2-711-6	0.18	0.25	0.74	850	56.0	0.66	1.9	4.0	2.0
MS/Y2-712-6	0.25	0.34	0.95	850	59.0	0.68	1.9	4.0	2.0
MS/Y2-801-6	0.37	0.50	1.30	885	62.0	0.70	1.9	4.7	2.0
MS/Y2-802-6	0.55	0.75	1.79	885	65.0	0.72	1.9	4.7	2.1
MS/Y2-90S-6	0.75	1	2.29	910	69.0	0.72	2.0	5.5	2.1
MS/Y2-90L-6	1.1	1.5	3.18	910	72.0	0.73	2.0	5.5	2.1
MS/Y2-100L-6	1.5	2	3.94	920	76.0	0.75	2.0	5.5	2.1
MS/Y2-112M-6	2.2	3	5.60	935	79.0	0.76	2.0	6.5	2.1
MS/Y2-132S-6	3.0	4	7.40	935	81.0	0.76	2.1	6.5	2.1
MS/Y2-132M1-6	4.0	5.5	9.80	960	82.0	0.76	2.1	6.5	2.1
MS/Y2-132M2-6	5.5	7.5	12.9	960	84.0	0.77	2.1	6.5	2.1
Y2-160M-6	7.5	10	17.0	970	86.0	0.77	2.0	6.5	2.1
Y2-160L-6	11	15	24.2	970	87.5	0.78	2.0	6.5	2.1
Y2-180L-6	15	20	31.6	970	89.0	0.81	2.0	7.0	2.1
Y2-200L1-6	18.5	25	38.6	980	90.0	0.81	2.1	7.0	2.1
Y2-200L2-6	22	30	44.7	980	90.0	0.83	2.1	7.0	2.1
Y2-225M-6	30	40	59.3	980	91.5	0.84	2.0	7.0	2.1
Y2-250M-6	37	50	71.0	980	92.0	0.86	2.1	7.0	2.1
Y2-280S-6	45	60	85.9	970	92.5	0.86	2.1	7.0	2.0
Y2-280M-6	55	75	104.7	970	92.8	0.86	2.1	7.0	2.0
Y2-315S-6	75	100	141.7	980	93.5	0.86	2.0	7.0	2.0
Y2-315M-6	90	125	169.5	980	93.8	0.86	2.0	7.0	2.0
Y2-315L1-6	110	150	206.7	980	94.0	0.86	2.0	6.7	2.0
Y2-315L2-6	132	180	244.7	980	94.2	0.87	2.0	6.7	2.0
Y2-355M1-6	160	220	291.4	980	94.5	0.88	1.9	6.7	2.0
Y2-355M2-6	200	270	363.5	980	94.7	0.88	1.9	6.7	2.0
Y2-355L-6	250	340	453.4	980	94.9	0.88	1.9	6.7	2.0
380V 50Hz Synchronous Speed750 r/min(8poles)									
MS/Y2-801-8	0.18	0.25	0.88	645	51.0	0.61	1.8	3.3	1.9
MS/Y2-802-8	0.25	0.34	1.15	645	54.0	0.61	1.8	3.3	1.9
MS/Y2-90S-8	0.37	0.50	1.49	670	62.0	0.61	1.8	4.0	1.9
MS/Y2-90L-8	0.55	0.75	2.17	670	63.0	0.61	1.8	4.0	2.0
MS/Y2-100L1-8	0.75	1	2.39	680	71.0	0.67	1.8	4.0	2.0
MS/Y2-100L2-8	1.1	1.5	3.37	680	73.0	0.69	1.8	5.0	2.0
MS/Y2-112M-8	1.5	2	4.50	690	75.0	0.69	1.8	5.0	2.0
MS/Y2-132S-8	2.2	3	6.00	705	78.0	0.71	1.8	6.0	2.0
MS/Y2-132M-8	3.0	4	7.90	710	79.0	0.73	1.8	6.0	2.0
Y2-160M1-8	4.0	5.5	10.3	720	81.0	0.73	1.9	6.0	2.0
Y2-160M2-8	5.5	7.5	13.6	720	83.0	0.74	2.0	6.0	2.0
Y2-160L-8	7.5	10	17.8	720	85.5	0.75	2.0	6.0	2.0
Y2-180L-8	11	15	25.1	730	87.5	0.76	2.0	6.6	2.0
Y2-200L-8	15	20	34.1	730	88.0	0.76	2.0	6.6	2.0
Y2-225S-8	18.5	25	40.6	720	90.0	0.76	1.9	6.6	2.0
Y2-225M-8	22	30	47.4	730	90.5	0.78	1.9	6.6	2.0
Y2-250M-8	30	40	64.0	735	91.0	0.79	1.9	6.6	2.0
Y2-280S-8	37	50	77.2	730	91.5	0.79	1.9	6.6	2.0
Y2-280M-8	45	60	92.9	730	92.0	0.79	1.9	6.6	2.0
Y2-315S-8	55	75	111.2	740	92.8	0.81	1.8	6.6	2.0
Y2-315M-8	75	100	151.2	740	93.0	0.81	1.8	6.6	2.0
Y2-315L1-8	90	125	177.8	740	93.8	0.82	1.8	6.6	2.0
Y2-315L2-8	110	150	216.8	740	94.0	0.82	1.8	6.4	2.0
Y2-355M1-8	132	180	260.2	740	93.7	0.82	1.8	6.4	2.0
Y2-355M2-8	160	220	309.9	740	94.2	0.82	1.8	6.4	2.0
Y2-355L-8	200	270	386.2	740	94.5	0.83	1.8	6.4	2.0
380V 50Hz Synchronous Speed600 r/min(10poles)									
Y2-315S-10	45	60	99.6	565	91.5	0.75	1.5	6.2	2.0
Y2-315M-10	55	75	121.1	565	92.0	0.75	1.5	6.2	2.0
Y2-315L1-10	75	100	162.1	565	92.5	0.76	1.5	6.2	2.0
Y2-315L2-10	90	120	191	565	93.0	0.77	1.5	6.2	2.0
Y2-355M1-10	110	150	229.9	570	93.2	0.78	1.3	6.0	2.0
Y2-355M2-10	132	180	275	570	93.5	0.78	1.3	6.0	2.0
Y2-355L-10	160	220	333.3	570	93.5	0.78	1.3	6.0	2.0