

Y3三相异步电动机



技术参数

TECHNICAL DATA OF Y3 SERIES

NO.	Type	Frame reference and size			Full load current at rated voltage		Rated power		Full load speed in revolutions per minute	Efficiency	Power factor	Direct on line starting torque ratio	Direct on line starting current ratio	Direct on line pull out torque ratio	Mean sound pressure level @1m on no load	Weight	Rotor inertia WK ²
		380V	400V	415V	kW	HP	Speed	EFF. %									
1	Y3-80M1-2	1.77	1.74	1.68	0.75	1	2940	75	0.83	2.2	6.1	2.3	67	16	0.0075		
2	Y3-80M2-2	2.61	2.48	2.39	1.1	1.5	2940	76.2	0.84	2.2	6.9	2.3	67	17	0.009		
3	Y3-90S-2	3.46	3.28	3.16	1.5	2	2950	75.5	0.84	2.2	7	2.3	72	20	0.012		
4	Y3-90L-2	4.85	4.61	4.45	2.2	3	2855	81	0.85	2.2	7	2.3	72	23	0.014		
5	Y3-100L-2	6.34	6.03	5.81	3	4	2860	82.6	0.87	2.2	7.5	2.3	76	30	0.029		
6	Y3-112M-2	8.2	7.79	7.51	4	5.5	2880	84.2	0.88	2.2	7.5	2.3	77	41	0.055		
7	Y3-132S1-2	11.1	10.53	10.15	5.5	7.5	2900	85.7	0.88	2.2	7.5	2.3	80	57.5	0.109		
8	Y3-132S2-2	14.9	14.1	13.6	7.5	10	2900	87	0.88	2.2	7.5	2.3	80	60.5	0.126		
9	Y3-160M-2	21.2	20.2	19.5	11	15	2930	88.4	0.89	2.2	7.5	2.3	86	107	0.0377		
10	Y3-160M2-2	28.6	27.2	26.2	15	20	2930	89.4	0.89	2.2	7.5	2.3	86	114	0.0499		
11	Y3-160L-2	34.7	33	31.8	18.5	25	2930	90	0.9	2.2	7.5	2.3	86	133	0.056		
12	Y3-180M-2	41	39	37.6	22	30	2940	90.5	0.9	2	7.5	2.3	89	165	0.075		
13	Y3-200L-2	55.4	52.6	50.7	30	40	2950	91.4	0.9	2	7.5	2.3	92	218	0.124		
14	Y3-200L2-2	72.9	64.5	62.2	37	50	2950	92	0.9	2	7.5	2.3	92	230	0.139		
15	Y3-225M2-2	82.1	78	75.2	45	60	2960	92.5	0.9	2	7.5	2.3	92	290	0.233		
16	Y3-250M-2	100	94.8	91.4	55	75	2970	93	0.9	2	7.5	2.3	93	359	0.312		
17	Y3-280S-2	135	129	124	75	100	2975	93.6	0.9	2	7	2.3	94	475	0.579		
18	Y3-280M-2	160	152	147	90	125	2975	93.9	0.91	2	7.1	2.3	94	510	0.675		
19	Y3-315S1-2	195	186	179	110	150	2975	94	0.91	1.8	7.1	2.2	96	875	1.18		
20	Y3-315M-2	233	222	214	132	180	2975	94.5	0.91	1.8	7.1	2.2	96	963	1.82		
21	Y3-315L-2	279	265	256	160	220	2975	94.6	0.92	1.8	7.1	2.2	99	1010	2.08		
22	Y3-315L2-2	348	331	319	200	270	2975	94.8	0.92	1.8	7.1	2.2	99	1138	2.38		
23	Y3-355M-2	433	412	397	250	340	2980	95.2	0.92	1.6	7.1	2.2	103	1900	3		
24	Y3-355L-2	545	518	499	315	430	2980	95.4	0.92	1.6	7.1	2.2	103	2300	3.5		
25	Y3-80M1-4	1.57	1.49	1.44	0.55	0.75	1390	71	0.75	2.4	5.2	2.3	58	15	0.0018		
26	Y3-80M2-4	2.05	1.95	1.88	0.75	1	1390	73	0.76	2.3	6	2.3	58	15.5	0.0021		
27	Y3-90S-4	2.85	2.71	2.61	1.1	1.5	1390	76.2	0.77	2.3	6	2.3	61	19	0.0023		
28	Y3-90L-4	3.72	3.54	3.41	1.5	2	1400	78.5	0.78	2.3	6	2.3	61	23	0.0027		
29	Y3-100L1-4	5.09	4.9	4.72	2.2	3	1410	81	0.81	2.3	7	2.3	64	29	0.0054		
30	Y3-100L2-4	6.78	6.39	6.16	3	4	1410	82.6	0.82	2.3	7	2.3	64	31	0.0067		
31	Y3-112M-4	8.8	8.36	8.06	4	5.5	1435	84.2	0.82	2.3	7	2.3	65	42	0.0095		
32	Y3-132S1-4	11.7	11.2	10.8	5.5	7.5	1440	85.7	0.83	2.3	7	2.3	71	63.5	0.0214		
33	Y3-132M-4	15.6	14.8	14.3	7.5	10	1450	87	0.84	2.3	7	2.3	71	72	0.0296		
34	Y3-160M-4	22.5	21.4	20.6	11	15	1460	88.4	0.84	2.2	7	2.3	75	110	0.0747		
35	Y3-160L-4	30	28.5	27.5	15	20	1460	89.4	0.85	2.2	7.5	2.3	75	129	0.0918		
36	Y3-180M-4	36.3	34.5	33.3	18.5	25	1470	90	0.86	2.2	7.5	2.3	76	160	0.139		
37	Y3-180L-4	43.2	40.8	39.3	22	30	1470	90.5	0.86	2.2	7.5	2.3	76	178	0.158		
38	Y3-200L-4	57.6	55.1	53.1	30	40	1470	91.4	0.86	2.2	7.2	2.3	79	228	0.262		
39	Y3-225M-4	70.2	66.7	64.3	37	50	1475	92	0.87	2.2	7.2	2.3	81	288	0.406		
40	Y3-225M2-4	84.9	80.7	77.8	45	60	1475	92.5	0.87	2.2	7.2	2.3	81	313	0.469		
41	Y3-250M-4	103	98.1	94.6	55	75	1480	93	0.87	2.2	7.2	2.3	83	376	0.66		
42	Y3-280S-4	138.3	131	127	75	100	1480	93.6	0.88	2.2	6.8	2.3	86	508	1.12		
43	Y3-280M-4	165	157	152	90	125	1480	93.9	0.88	2.2	6.8	2.3	86	581	1.64		
44	Y3-315M-4	201	191	184	110	150	1480	94.5	0.88	2.1	6.9	2.2	93	846	3.1		
45	Y3-315L-4	240	228	220	132	180	1480	94.8	0.88	2.1	6.9	2.2	93	940	3.62		
46	Y3-315L1-4	288	273	264	160	220	1480	94.9	0.89	2.1	6.9	2.2	97	1044	4.13		
47	Y3-315L2-4	360	342	329	200	270	1480	94.9	0.89	2.1	6.9	2.2	97	1162	4.73		
48	Y3-355M-4	443	421	406	250	340	1490	95.2	0.9	2.1	6.9	2.2	101	1700	6.5		
49	Y3-355L-4	559	531	511	315	430	1490	95.2	0.9	2.1	6.9	2.2	101	1900	8.2		
50	Y3-80M1-6	1.3	1.23	1.19	0.37	0.5	880	62	0.7	1.9	4.7	2	54	15	0.0016		
51	Y3-80M2-6	1.8	1.7	1.64	0.55	0.75	880	65	0.72	1.9	4.7	2.1	54	16	0.0019		
52	Y3-90S-6	2.29	2.18	2.1	0.75	1	905	69	0.72	2	5.3	2.1	57	20	0.0029		
53	Y3-90L-6	3.18	3.02	2.91	1.1	1.5	905	72	0.73	2	5.5	2.1	57	23	0.0035		
54	Y3-100L-6	4	3.8	3.66	1.5	2	920	76	0.75	2	5.5	2.1	61	29	0.0069		
55	Y3-112M-6	5.6	5.29	5.1	2.2	3	935	79	0.76	2	6.5	2.1	65	41	0.014		
56	Y3-132S1-6	7.4	7.03	6.78	3	4	960	81	0.76	2.1	6.5	2.1	69	59	0.0286		
57	Y3-132M-6	9.75	9.26	8.93	4	5.5	960	82	0.76	2.1	6.5	2.1	69	66	0.0357		
58	Y3-132L-6	12.9	12.3	11.8	5.5	7.5	960	84	0.77	2.1	6.5	2.1	69	76.5	0.0449		
59	Y3-160M-6	17.2	16.3	15.8	7.5	10	970	86	0.77	2	6.5	2.1	73	106	0.081		
60	Y3-160L-6	24.5	23.3	22.4	11	15	970	87.5	0.78	2	6.5	2.1	73	122	0.116		
61	Y3-180L-6	31.6	30	28.9	15	20	970	89	0.81	2	7	2.1	73	167	0.207		
62	Y3-200L-6	38.6	36.6	35.3	18.5	25	980	90	0.81	2.1	7	2.1	76	236	0.315		
63	Y3-200L2-6	44.7	42.5	41	22	30	980	90	0.83	2	7	2.1	76	247	0.36		
64	Y3-225M-6	59.3	56.3	54.3	30	40	980	91.5	0.84	2	7	2.1	76	287	0.547		
65	Y3-250M-6	71	67.5	65.1	37	50	980	92	0.86	2.1	7	2.1	78	355	0.843		
66	Y3-280S-6	86	81.7	78.1	45	60	980	92.5	0.86	2.1	7	2	80	444	1.39		
67	Y3-280M-6	104	99.5	95.9	55	75	980	92.8	0.86	2.1	7	2	80	498	1.65		
68	Y3-315S1-6	142	135	130	75	100	985	93.5	0.86	2	6.7	2	85	859	4.11		
69	Y3-315M-6	169	161	155	90	125	985	93.8	0.86	2	6.7	2	85	950	4.78		
70	Y3-315L1-6	207	196	189	110	150	985	94	0.86	2	6.7	2	85	1031	5.45		
71	Y3-315L2-6	245	232	224	132	180	985	94.2	0.87	2	6.7	2	85	1107	6.12		
72	Y3-355M1-6	292	278	268	160	220	990	94.5	0.88	1.9	6.7	2	92	1550	9.5		
73	Y3-355M2-6	365	347	335	200	270	990	94.5	0.88	1.9	6.7	2	92	1600	10.4		
74	Y3-355L-6	457	434	418	250	340	990	94.5	0.88	1.9	6.7	2	92	1700	12.4		
75	Y3-80M1-8	0.83	0.84	0.8	0.18	0.25	645	51	0.61	1.8	3.3	1.9	52	15	0.0025		
76	Y3-80M2-8	1.1	1.1	1.06	0.25	0.34	645	54	0.61	1.8	3.3	1.9	52	16	0.003		
77	Y3-90S-8	1.49	1.41	1.36	0.37	0.5	675	62	0.61	1.8	4	1.9	56	20	0.0051		
78	Y3-90L-8	2.17	2.07	1.99	0.55	0.75	680	63	0.61	1.8	4	1.9	56	23	0.0065		
79	Y3-100L-8	2.43	2.31	2.22	0.75	1	680	70	0.67	1.8	4	1.9	59	29	0.009		
80	Y3-100L2-8	3.36	3.2	3.08	1.1	1.5	680	72	0.69	1.6	5	2	59	31	0.011		
81	Y3-112M-8	4.4	4.18	4.03	1.5	2	690	74	0.7	1.8	5	2	61	41	0.0245		
82	Y3-132S1-8	6	5.66	5.46	2.2	3	710	79	0.71	1.8	6	2	64	61	0.0314		
83	Y3-132M-8	7.8	7.41	7.15	3	4	710	80	0.73	1.8	6	2	64	74	0.0395		
84	Y3-132L-8	10.3	9.76	9.41	4	5.5	720	81	0.73	1.9	6	2	68	95.5	0.0753		
85	Y3-160M-8	13.6	12.9	12.5	5.5	7.5	720	83	0.7								