



## TECHNICAL DATA OF Y3 CAST IRON SERIES

NO	Type	Output kW	Speed r/min	Amps (A)			EFF.%	P.F. Cosφ	Is In	Cs Cn	Cmax Cn	Noise LwdB(A)	J kgm <sup>2</sup>
				380V	400V	415V							
1	Y3-160MA-2	11	2930	20.2	19.5	18.3	88.4	0.89	7.5	2.2	2.3	86	0.03770
2	Y3-160MB-2	15	2930	27.2	26.2	24.7	89.4	0.89	7.5	2.2	2.3	86	0.04990
3	Y3-160L-2	18.5	2930	33.0	31.8	30.0	90.0	0.90	7.5	2.2	2.3	86	0.05500
4	Y3-180M-2	22	2940	39.0	37.6	35.4	90.5	0.90	7.5	2.0	2.3	89	0.07500
5	Y3-200LA-2	30	2950	52.6	50.7	47.9	91.4	0.90	7.5	2.0	2.3	92	0.12400
6	Y3-200LB-2	37	2950	64.5	62.2	58.6	92.0	0.90	7.5	2.0	2.3	92	0.13900
7	Y3-225M-2	45	2960	78.0	75.2	70.9	92.5	0.90	7.5	2.0	2.3	92	0.23300
8	Y3-250M-2	55	2970	94.8	91.4	86.2	93.0	0.90	7.5	2.0	2.3	93	0.31200
9	Y3-280S-2	75	2975	129	124	116.8	93.6	0.90	7.0	2.0	2.3	94	0.57900
10	Y3-280M-2	90	2975	152	147	138.2	93.9	0.91	7.1	2.0	2.3	94	0.67500
11	Y3-315S-2	110	2975	186	179	168.7	94.0	0.91	7.1	1.8	2.2	96	118.000
12	Y3-315M-2	132	2975	222	214	201.4	94.5	0.91	7.1	1.8	2.2	96	182.000
13	Y3-315LA-2	160	2975	265	256	241.2	94.6	0.92	7.1	1.8	2.2	99	208.000
14	Y3-315LB-2	200	2975	331	319	300.9	94.8	0.92	7.1	1.8	2.2	99	238.000
15	Y3-355M-2	250	2980	412	397	374.6	95.2	0.92	7.1	1.6	2.2	103	300.000
16	Y3-355L-2	315	2980	518	499	470.9	95.4	0.92	7.1	1.6	2.2	103	350.000
17	Y3-160M-4	11	1460	21.4	20.6	19.4	88.4	0.84	7.0	2.2	2.3	75	0.07470
18	Y3-160L-4	15	1460	28.5	27.5	25.9	89.4	0.85	7.5	2.2	2.3	75	0.09180
19	Y3-180M-4	18.5	1470	34.5	33.3	31.4	90	0.86	7.5	2.2	2.3	76	0.13900
20	Y3-180L-4	22	1470	40.8	39.3	37.1	90.5	0.86	7.5	2.2	2.3	76	0.15800
21	Y3-200L-4	30	1470	55.1	53.1	50.1	91.4	0.86	7.2	2.2	2.3	79	0.26200
22	Y3-225S-4	37	1475	66.7	64.3	60.7	92	0.87	7.2	2.2	2.3	81	0.40600
23	Y3-225M-4	45	1475	80.7	77.8	73.4	92.5	0.87	7.2	2.2	2.3	81	0.46900
24	Y3-250M-4	55	1480	98.1	94.6	89.2	93	0.87	7.2	2.2	2.3	83	0.66000
25	Y3-280S-4	75	1480	131	127	119.5	93.6	0.88	6.8	2.2	2.3	86	112.000
26	Y3-280M-4	90	1480	157	152	142.9	93.9	0.88	6.8	2.2	2.3	86	164.000
27	Y3-315S-4	110	1480	191	184	173.6	94.5	0.88	6.9	2.1	2.2	93	310.000
28	Y3-315M-4	132	1480	228	220	207.6	94.8	0.88	6.9	2.1	2.2	93	362.000
29	Y3-315LA-4	160	1480	273	264	248.6	94.9	0.89	6.9	2.1	2.2	97	413.000
30	Y3-315LB-4	200	1480	342	329	310.7	94.9	0.89	6.9	2.1	2.2	97	473.000
31	Y3-355M-4	250	1490	421	406	382.9	95.2	0.90	6.9	2.1	2.2	101	650.000
32	Y3-355L-4	315	1490	531	511	519	95.2	0.90	6.9	2.1	2.2	101	820.000
33	Y3-160M-6	7.5	970	16.3	15.8	14.9	86	0.77	6.5	2.0	2.1	73	0.08100
34	Y3-160L-6	11	970	23.3	22.4	21.1	87.5	0.78	6.5	2.0	2.1	73	0.11600
35	Y3-180L-6	15	970	30.0	28.9	27.3	89	0.81	7.0	2.0	2.1	73	0.20700
36	Y3-200LA-6	18.5	980	36.6	35.3	33.3	90	0.81	7	2.1	2.1	76	0.31500
37	Y3-200LB-6	22	980	42.5	41.0	38.6	90	0.83	7	2.0	2.1	76	0.36000
38	Y3-225M-6	30	980	56.3	54.3	51.2	91.5	0.84	7	2.0	2.1	76	0.54700
39	Y3-250M-6	37	980	67.5	65.1	61.4	92	0.86	7	2.1	2.1	78	0.84300
40	Y3-280S-6	45	980	81.7	78.7	74.2	92.5	0.86	7	2.1	2	80	139.000
41	Y3-280M-6	55	980	99.5	95.9	90.4	92.8	0.86	7	2.1	2	80	165.000
42	Y3-315S-6	75	985	135	130	122.4	93.5	0.86	6.7	2.0	2	85	411.000
43	Y3-315M-6	90	985	161	155	146.4	93.8	0.86	6.7	2.0	2	85	478.000

44	Y3-315LA-6	110	985	196	189	178.6	94	0.86	6.7	2.0	2	85	545.000
45	Y3-315LB-6	132	985	232	224	211.4	94.2	0.87	6.7	2.0	2	85	612.000
46	Y3-355M1-6	160	990	278	268	252.5	94.5	0.88	6.7	1.9	2	92	950.000
47	Y3-355M2-6	200	990	347	335	315.6	94.5	0.88	6.7	1.9	2	92	1.040.000
48	Y3-355L-6	250	990	434	418	394.5	94.5	0.88	6.7	1.9	2	92	1.240.000
49	Y3-160MA-8	4	720	9.76	9.41	8.9	81	0.73	6	1.9	2	68	0.07530
50	Y3-160MB-8	5.5	720	12.9	12.5	11.8	83	0.74	6	1.9	2	68	0.09310
51	Y3-160L-8	7.5	720	16.9	16.3	15.3	85.5	0.75	6	1.9	2	68	0.12600
52	Y3-180L-8	11	730	24.2	23.3	22.0	87.5	0.75	6.5	2	2	70	0.20300
53	Y3-200L-8	15	730	32.4	31.2	29.4	88	0.76	6.6	2	2	73	0.33900
54	Y3-225S-8	18.5	730	39.0	37.6	35.5	90	0.76	6.6	1.9	2	73	0.49100
55	Y3-225M-8	22	730	45.0	43.4	40.9	90.5	0.78	6.6	1.9	2	73	0.54700
56	Y3-250M-8	30	735	60.2	58.1	54.8	91	0.79	6.5	1.9	2	75	0.83400
57	Y3-280S-8	37	740	73.9	71.2	67.2	91.5	0.79	6.6	1.9	2	76	165.000
58	Y3-280M-8	45	740	89.4	86.1	81.2	92	0.79	6.6	1.9	2	76	193.000
59	Y3-315S-8	55	735	106	102	96.0	92.8	0.81	6.6	1.8	2	82	479.000
60	Y3-315M-8	75	735	143	138	129.9	93.5	0.81	6.2	1.8	2	82	558.000
61	Y3-315LA-8	90	735	169	163	153.5	93.8	0.82	6.4	1.8	2	82	637.000
62	Y3-315LB-8	110	735	206	199	187.3	94	0.82	6.4	1.8	2	82	723.000
63	Y3-355M1-8	132	740	248	239	225.4	93.7	0.82	6.4	1.8	2	90	790.000
64	Y3-355M2-8	160	740	299	288	271.8	94.2	0.82	6.4	1.8	2	90	1.030.000
65	Y3-355L-8	200	740	368	355	334.6	94.5	0.83	6.4	1.8	2	90	1.230.000