



## Three-phase asynchronous motor

### Y-100L1-4

URL:<https://www.sxplc.com/three-phase-asynchronous-motor-y-100l1-4>

**Product data sheet**

型号 Type	额定功率		电流 (安培) Current (A) at 380V	转速 (转/分) Speed (r/min)	效率 (%) Eff (%)	功率因数 (Cos Φ) Power Factor (CosΦ)	最大转矩 额定转矩	堵转转矩 额定转矩	堵转电流 额定电流
	Rated Output								
	KW	HP							
Y80M1-2	0.75	1	1.8	2825	75	0.84	2.3	2.2	6.5
Y80M2-2	1.1	1.5	2.5	2825	77	0.86	2.3	2.2	7.0
Y90S-2	1.5	2	3.4	2840	78	0.85	2.3	2.2	7.0
Y90L-2	2.2	3	4.7	2840	80.5	0.86	2.3	2.2	7.0
Y100L-2	3	4	6.4	2880	82	0.87	2.3	2.2	7.0
Y112M-2	4	5.5	8.2	2890	85.5	0.87	2.3	2.2	7.0
Y132S1-2	5.5	7.5	11.1	2900	85.5	0.88	2.3	2.0	7.0
Y132S2-2	7.5	10	15.0	2900	86.2	0.88	2.3	2.0	7.0
Y160M1-2	11	15	21.8	2930	87.2	0.88	2.3	2.0	7.0
Y160M2-2	15	20	29.4	2930	88.2	0.88	2.3	2.0	7.0
Y160L-2	18.5	25	35.5	2930	89	0.89	2.2	2.0	7.0
Y180M-2	22	30	42.2	2940	89	0.89	2.2	2.0	7.0
Y200L1-2	30	40	56.9	2950	90	0.89	2.2	2.0	7.0
Y200L2-2	37	50	69.8	2950	90.5	0.89	2.2	2.0	7.0
Y225M-2	45	60	83.9	2970	91.5	0.89	2.2	2.0	7.0
Y250M-2	55	75	102.6	2970	91.5	0.89	2.2	2.0	7.0
Y280S-2	75	100	139.2	2970	92	0.89	2.2	2.0	7.0
Y280M-2	90	125	166.1	2970	92.5	0.89	2.2	2.0	7.0
Y315S-2	110	150	203.0	2980	92.5	0.89	2.2	1.8	6.8
Y315M-2	132	175	242.3	2980	93	0.89	2.2	1.8	6.8
Y315L1-2	160	220	292.0	2980	93.5	0.89	2.2	1.8	6.8
Y315L2-2	200	270	365.2	2980	93.5	0.89	2.2	1.8	6.8
Y355M1-2	220	300	398.7	2980	94.2	0.89	2.2	1.2	6.9
Y355M2-2	250	350	446.6	2980	94.5	0.90	2.2	1.2	7.0
Y355L1-2	280	375	499.1	2980	94.7	0.90	2.2	1.2	7.1
Y355L2-2	315	425	559.8	2980	95	0.90	2.2	1.2	7.1
Y80M1-4	0.55	0.75	1.5	1390	73	0.76	2.3	2.4	6.0
Y80M2-4	0.75	1	2.0	1390	74.5	0.76	2.3	2.3	6.0
Y90S-4	1.1	1.5	2.7	1400	78	0.78	2.3	2.3	6.5
Y90L-4	1.5	2	3.7	1400	79	0.79	2.3	2.3	6.5
Y100L1-4	2.2	3	5.0	1420	81	0.82	2.3	2.2	7.0
Y100L2-4	3	4	6.8	1420	82.5	0.81	2.3	2.2	7.0
Y112M-4	4	5.5	8.8	1440	84.5	0.82	2.3	2.2	7.0
Y132S-4	5.5	7.5	11.6	1440	85.5	0.84	2.3	2.2	7.0
Y132M-4	7.5	10	15.4	1440	87	0.85	2.3	2.2	7.0
Y160M-4	11	15	22.6	1460	88	0.84	2.3	2.2	7.0
Y160L-4	15	20	30.3	1460	88.5	0.85	2.3	2.2	7.0
Y180M-4	18.5	25	35.9	1470	91	0.86	2.2	2.0	7.0
Y180L-4	22	30	42.5	1470	91.5	0.86	2.2	2.0	7.0
Y200L-4	30	40	56.8	1470	92.2	0.87	2.2	2.0	7.0
Y225S-4	37	50	70.4	1480	91.8	0.87	2.2	1.9	7.0
Y225M-4	45	60	84.2	1480	92.3	0.88	2.2	1.9	7.0

机座号 Frame NO.	极数 Pole	安装尺寸 Mounting Dimension															外形尺寸 Overall Dimension					
		A	B	C	D	E	F	G	H	M	N	P	R	S	T	K	AB	AC	AD	HD	HF	L
63M	2.4	100	80	40	11	23	4	8.5	63	115	95	140	0	10	3	7	135	130	70	180	130	230
71M	2.4.6	112	90	45	14	30	5	11	71	130	110	160	0	10	3.5	7	150	145	80	195	145	255
80M	2.4.6.8	125	100	50	19	40	6	15.5	80	165	130	200	0	12	3.5	10	165	175	145	220	185	295
90S	2.4.6.8	140	100	56	24	50	8	20	90	165	130	200	0	12	3.5	10	180	195	155	250	195	320
90L	2.4.6.8	140	125	56	24	50	8	20	90	165	130	200	0	12	3.5	10	180	195	155	250	195	345
100L	2.4.6.8	160	140	63	28	60	8	24	100	215	180	250	0	15	4	12	205	215	180	270	245	385
112M	2.4.6.8	190	140	70	28	60	8	24	112	215	180	250	0	15	4	12	230	240	190	300	265	400
132S	2.4.6.8	216	140	89	38	80	10	33	132	265	230	300	0	15	4	12	270	275	210	345	315	470
132M	2.4.6.8	216	178	89	38	80	10	33	132	265	230	300	0	15	4	12	270	275	210	345	315	510
160M	2.4.6.8	254	210	108	42	110	12	37	160	300	250	350	0	19	5	15	320	330	255	420	385	615
160L	2.4.6.8	254	254	108	42	110	12	37	160	300	250	350	0	19	5	15	320	330	255	420	385	670
180M	2.4.6.8	279	241	121	48	110	14	42.5	180	300	250	350	0	19	5	15	355	380	280	455	430	700
180L	2.4.6.8	279	279	121	48	110	14	42.5	180	300	250	350	0	19	5	15	355	380	280	455	430	740
200L	2.4.6.8	318	305	133	55	110	16	49	200	350	300	400	0	19	5	19	395	420	305	505	480	770
225S	4.8	356	286	149	60	140	18	53	225	400	350	450	0	19	5	19	435	470	335	560	535	815
225M	2	356	311	149	55	110	16	49	225	400	350	450	0	19	5	19	435	470	335	560	535	820
	60				140	18	53	535													845	
250M	2	406	349	168	60	140	18	53	250	500	450	550	0	19	5	24	490	510	370	615	595	910
	65				140	18	58															
280S	2	457	368	190	65	140	18	58	280	500	450	550	0	19	5	24	550	580	410	680	650	985
	75				140	20	67.5															
280M	2	457	419	190	65	140	18	58	280	500	450	550	0	19	5	24	550	580	410	680	650	1035
	75				140	20	67.5															
315S	2	508	406	216	65	140	18	58	315	600	550	660	0	24	6	28	635	645	530	845	-	1160
	80				170	22	71	1270														
315M	2	508	457	216	65	140	18	58	315	600	550	660	0	24	6	28	635	645	530	845	-	1190
	80				170	22	71	1300														
315L	2	508	508	216	65	140	18	58	315	600	550	660	0	24	6	28	635	645	530	845	-	1190
	80				170	22	71	1300														
355M	2	610	560	254	75	140	20	67.5	355	740	680	800	0	24	6	28	730	710	655	1010	-	1500
	95				170	25	86	1530														
355L	2	610	630	254	75	140	20	67.5	355	740	680	800	0	24	6	28	730	710	655	1010	-	1500
	95				170	25	86	1530														

