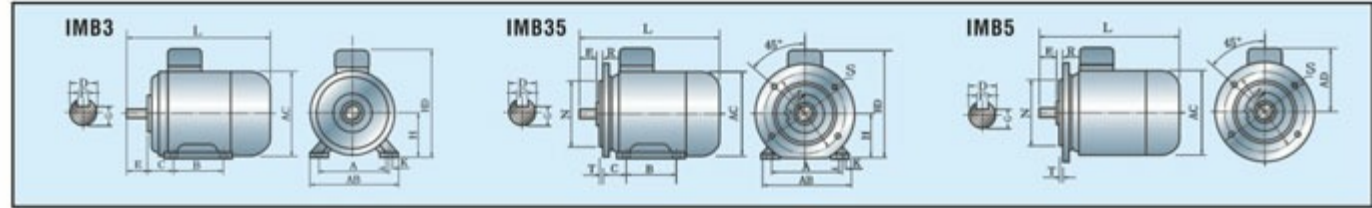




These three phase motors are made to IEC standards. These are superior motors having excellent power factors efficiencies and starting torques. These motors are widely used in the agricultural, pumping, manufacturing and building service industries.

INSTALLATION DIMENSIONS



MOTOR FEATURES

- Utilise IP55 enclosures, others request
- Class F insulation, Class H available on request
- 380/415 Volt 50/60 Hz windings
- High quality magnet wire
- Vacuum varnish impregnation for superior tropic proof insulation
- Continuous SI operation
- Industrial type service factors
- Heavy duty ball bearings
- High strength cast iron frame
- Balanced rotors

CUSTOMER BENEFITS

- Water dust and vermin resistant
- Quiet operation
- Corrosion resistant
- Reliable in country, city or factory environments
- Very low vibration
- Very low power consumption
- Superior life

Frame Size	Mounting Dimensions(mm)														Frame Dimensions(mm)									
	A	B	C	D		E		F		G		H	K	M	N	P	R	S	T	AB	AC	AD	HD	L
				2P	4,6,8,10P	2P	4,6,8,10P	2P	4,6,8,10P	2P	4,6,8,10P												2P	4,6,8,10P
63	100	80	40	11	23	4	8.5	63	7	115	95	140	0	10	3	135	130	70	180	230				
71	112	90	45	14	30	5	11	71	7	130	110	160	0	10	3	150	145	80	195	255				
80	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	165	175	145	220	295				
90S	140	100	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	195	155	250	320				
90L	140	125	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	195	155	250	345				
100L	160	140	63	28	60	8	24	100	12	215	180	250	0	15	4	205	215	180	270	385				
112M	190	140	70	28	60	8	24	112	12	215	180	250	0	15	4	230	240	190	300	400				
132S	216	140	89	38	80	10	33	132	12	265	230	300	0	15	4	270	275	210	345	470				
132M	216	178	89	38	80	10	33	132	12	265	230	300	0	15	4	270	275	210	345	510				
160M	254	210	108	42	110	12	37	160	15	300	250	350	0	19	5	320	330	255	420	615				
160L	254	254	108	42	110	12	37	160	15	300	250	350	0	19	5	320	330	255	420	670				
180M	279	241	121	48	110	14	42.5	180	15	300	250	350	0	19	5	355	380	280	455	700				
180L	279	279	121	48	110	14	42.5	180	15	300	250	350	0	19	5	355	380	280	455	740				
200L	318	305	133	55	110	16	49	200	19	350	300	400	0	19	5	395	420	305	505	770				
225S	356	286	149	-	60	-	53	225	19	400	350	450	0	19	5	435	470	335	560	-	820			
225M	356	311	149	55	60	110	53	225	19	400	350	450	0	19	5	435	470	335	560	815	845			
250M	406	349	168	60	65	140	58	250	24	500	450	550	0	19	5	490	510	370	615	910				
280S	457	368	190	65	75	140	67.5	280	24	500	450	550	0	19	5	550	580	410	680	985				
280M	457	419	190	65	75	140	67.5	280	24	500	450	550	0	19	5	550	580	410	680	1035				
315S	508	406	216	65	80	140	71	315	28	600	550	660	0	24	6	635	645	630	845	1185	1215			
315M	508	457	216	65	80	140	71	315	28	600	550	660	0	24	6	635	645	630	845	1295	1325			
315L	508	508	216	65	80	140	71	315	28	600	550	660	0	24	6	635	645	630	845	1295	1325			
355M	610	560	254	75	95	140	75	355	28	740	680	800	0	24	6	730	710	655	1010	1500	1530			
355L	610	630	254	75	95	140	75	355	28	740	680	800	0	24	6	730	710	655	1010	1500	1530			

TECHNICAL DATA

Model	Power (kW)	Current at 380V (A)	Speed (r/min)	Eff. (%)	Power factor	Locked rotor torque Rated torque	Locked rotor current Rated current	Max torque Rated torque
Synchronous Speed 3000r/min(2 poles)50Hz								
Y2-631-2	0.18	0.52	2825	65	0.80	2.2	5.5	2.2
Y2-632-2	0.25	0.69	2840	68	0.81	2.2	5.1	2.2
Y2-711-2	0.37	0.99	2840	70	0.81	2.2	6.0	2.2
Y2-712-2	0.55	1.4	2880	73	0.82	2.2	6.0	2.2
Y2-801-2	0.75	1.8	2890	75	0.83	2.2	6.0	2.2
Y2-802-2	1.1	2.6	2900	77	0.84	2.2	7.0	2.2
Y2-90S-2	1.5	3.4	2900	79	0.84	2.2	7.0	2.2
Y2-90L-2	2.2	4.8	2930	81	0.85	2.2	7.0	2.2
Y2-100L-2	3.0	6.3	2930	83	0.87	2.2	7.0	2.2
Y2-112M-2	4.0	8.1	2930	85	0.88	2.2	8.0	2.2
Y2-132S1-2	5.5	11	2940	86	0.88	2.2	8.0	2.2
Y2-132S2-2	7.5	15	2950	87	0.88	2.2	8.0	2.2
Y2-160M1-2	11.0	21.3	2950	88	0.88	2.0	8.0	2.2
Y2-160M2-2	15.0	28.7	2970	89	0.89	2.0	8.0	2.2
Y2-160L-2	18.5	34.6	2970	90	0.90	2.0	8.0	2.2
Y2-180M-2	22.0	40.9	2970	90.5	0.90	2.0	8.0	2.2
Y2-200L1-2	30.0	55.4	2970	91.2	0.90	2.0	8.0	2.2
Y2-200L2-2	37.0	67.7	2980	92	0.90	2.0	8.0	2.2
Y2-225M-2	45.0	82.3	2980	92.3	0.90	1.8	8.0	2.2
Y2-250M-2	55	101	2980	92.5	0.90	1.8	7.0	2.2
Y2-280S-2	75	134	2980	93.0	0.90	1.8	7.0	2.2
Y2-280M-2	90	160	2980	93.8	0.91	1.8	7.0	2.2
Y2-315S-2	110	195	2980	94.0	0.91	1.8	6.8	2.2
Y2-315M-2	132	233	2980	94.5	0.91	1.8	6.8	2.2
Y2-315L1-2	160	279	2980	94.6	0.92	1.8	6.8	2.2
Y2-315L2-2	200	348	2980	94.8	0.92	1.8	6.8	2.2
Y2-355M-2	250	433	2980	95.3	0.92	1.6	7.0	2.2
Y2-355L-2	315	544	2980	95.6	0.92	1.6	7.1	2.2
Synchronous Speed 1500r/min(4 poles)50Hz								
Y2-631-4	0.12	0.44	1400	57	0.72	2.2	4.5	2.2
Y2-632-4	0.18	0.62	1400	60	0.73	2.2	4.5	2.2
Y2-711-4	0.25	0.79	1400	65	0.74	2.2	5.5	2.2
Y2-712-4	0.37	1.12	1400	67	0.75	2.2	5.5	2.2
Y2-801-4	0.55	1.6	1400	71	0.75	2.2	5.5	2.2
Y2-802-4	0.75	2.0	1400	73	0.77	2.2	6.0	2.2
Y2-90S-4	1.1	2.9	1400	75	0.77	2.2	6.0	2.2
Y2-90L-4	1.5	3.7	1400	78	0.79	2.2	6.0	2.2
Y2-100L1-4	2.2	5.1	1420	80	0.81	2.2	7.0	2.2
Y2-100L2-4	3.0	6.8	1420	82	0.82	2.2	7.0	2.2
Y2-112M-4	4.0	8.8	1440	84	0.82	2.2	7.0	2.2
Y2-132S-4	5.5	11.8	1440	85	0.83	2.2	7.0	2.2
Y2-132M-4	7.5	15.5	1440	87	0.84	2.0	7.0	2.0
Y2-160M-4	11.0	22.3	1460	88	0.85	2.0	7.0	2.2
Y2-160L-4	15.0	30	1460	89	0.85	2.0	7.0	2.2
Y2-180M-4	18.5	36.4	1470	90.5	0.85	2.2	7.5	2.2
Y2-180L-4	22.0	43.1	1470	91	0.85	2.2	7.5	2.2
Y2-200L-4	30.0	57.4	1470	92	0.86	2.2	7.5	2.2
Y2-225S-4	37.0	69.9	1480	92.5	0.87	2.2	7.5	2.2
Y2-225M-4	45.0	84.7	1480	92.8	0.87	2.2	7.5	2.2
Y2-250M-4	55	103	1480	93.0	0.89	2.2	7.0	2.2
Y2-280S-4	75	140	1480	93.8	0.86	2.2	7.0	2.2
Y2-280M-4	90	167	1490	94.2	0.86	2.2	7.0	2.2
Y2-315S-4	110	201	1490	94.5	0.87	2.1	6.9	2.2
Y2-315M-4	132	240	1490	94.8	0.87	2.1	6.9	2.2
Y2-315L1-4	160	287	1490	94.9	0.88	2.1	6.9	2.2
Y2-315L2-4	200	359	1490	95.0	0.88	2.3	6.9	2.2
Y2-355M-4	250	443	1485	95.3	0.88	2.3	6.8	2.2
Y2-355L-4	315	556	1485	95.6	0.89	2.2	6.9	2.2

TECHNICAL DATA

Model	Power (kW)	Current at 380V (A)	Speed (r/min)	Eff. (%)	Power factor	Locked rotor torque Rated torque	Locked rotor current Rated current	Max torque Rated torque
Synchronous Speed 1000r/min(6 poles)50Hz								
Y2-711-6	0.18	0.74	900	56	0.66	2.2	4.0	2.2
Y2-712-6	0.25	0.94	900	59	0.68	2.0	4.0	2.2
Y2-801-6	0.37	1.3	900	62	0.70	2.0	5.0	2.2
Y2-802-6	0.55	1.8	900	65	0.72	2.0	5.0	2.2
Y2-90S-6	0.75	2.3	910	69	0.72	2.0	5.5	2.2
Y2-90L-6	1.1	3.2	910	72	0.73	2.0	5.5	2.2
Y2-100L-6	1.5	3.9	940	76	0.76	2.0	5.5	2.2
Y2-112M-6	2.2	5.6	940	79	0.76	2.0	6.5	2.2
Y2-132S-6	3.0	7.4	960	81	0.76	2.0	6.5	2.2
Y2-132M1-6	4.0	9.7	960	82	0.76	2.0	6.5	2.2
Y2-132M2-6	5.5	12.9	960	84	0.77	2.0	6.5	2.0
Y2-160M	7.5	16.5	970	86	0.80	2.0	6.5	2.0
Y2-160L-6	11.0	24.1	970	87.5	0.79	2.0	6.5	2.0
Y2-180L-6	15.0	31.5	970	89	0.81	2.0	7.0	2.0
Y2-200L1-6	18.5	38.5	970	90	0.81	2.0	7.0	2.0
Y2-200L2-6	22.0	44.6	970	90	0.83	2.0	7.0	2.0
Y2-225M-6	30.0	59.3	980	91.5	0.84	2.0	7.0	2.1
Y2-250M-6	37.0	71.0	980	92.0	0.86	2.0	7.0	2.1
Y2-280S-6	45.0	86.0	980	92.5	0.86	2.0	7.0	2.0
Y2-280M-6	55	105	980	92.8	0.86	2.0	7.0	2.0
Y2-315S-6	75	141	990	93.5	0.86	2.0	7.0	2.0
Y2-315M-6	90	169	990	93.8	0.86	2.0	7.0	2.0
Y2-315L1-6	110	206	990	94.0	0.86	2.0	6.7	2.0
Y2-315L2-6	132	244	990	94.2	0.87	2.0	6.7	2.0
Y2-355M1-6	160	292	990	94.5	0.88	1.9	6.7	2.0
Y2-355M2-6	200	365	990	94.7	0.88	1.9	6.7	2.0
Y2-355L-6	250	455	990	94.9	0.88	1.9	6.7	2.0
Synchronous Speed 750r/min(8 poles)50Hz								
Y2-801-8	0.18	0.88	680	51	0.61	1.8	3.3	1.9
Y2-802-8	0.25	1.15	680	54	0.61	1.8	3.3	1.9
Y2-90S-8	0.37	1.5	680	62	0.61	1.8	4.0	1.9
Y2-90L-8	0.55	2.2	700	63	0.61	1.8	4.0	2.2
Y2-100L1-8	0.75	2.4	700	71	0.67	1.8	4.0	2.0
Y2-100L2-8	1.1	3.3	700	73	0.69	1.8	5.0	2.0
Y2-112M-8	1.5	4.5	700	75	0.68	1.8	5.0	2.0
Y2-132S-8	2.2	6.0	710	78	0.71	2.0	6.0	2.0
Y2-132M-8	3.0	7.9	710	79	0.73	2.0	6.0	2.0
Y2-160M1-8	4.0	10.2	720	81	0.73	2.0	6.0	2.0
Y2-160M2-4	5.5	13.6	720	83	0.74	2.0	6.0	2.0
Y2-160L-8	7.5	17.7	720	85.5	0.75	2.0	6.0	2.0
Y2-180L-8	11.0	25.1	730	87.5	0.76	2.0	6.5	2.0
Y2-200L-8	15.0	34.0	730	88	0.76	2.0	6.5	2.0
Y2-225S-8	18.5	40.6	740	90.0	0.76	1.9	6.6	2.0
Y2-225M-8	22.0	47.4	740	90.5	0.78	1.9	6.6	2.0
Y2-250M-8	30.0	64.0	740	91.0	0.79	1.9	6.6	2.0
Y2-280S-8	37.0	78.0	740	91.5	0.79	1.9	6.6	2.0
Y2-280M-4	45.0	94.0	740	92.0	0.79	1.9	6.6	2.0
Y2-315S-8	55	111	740	92.8	0.81	1.8	6.6	2.0
Y2-315M-8	75	151	740	93.0	0.81	1.8	6.6	2.0
Y2-315L1-8	90	178	740	93.8	0.82	1.8	6.6	2.0
Y2-315L2-8	110	217	740	94.0	0.82	1.8	6.4	2.0
Y2-355M1-8	132	261	740	93.7	0.82	1.8	6.4	2.0
Y2-355M2-8	160	313	740	94.2	0.82	1.8	6.4	2.0
Y2-355L-8	200	388	740	94.5	0.83	1.8	6.4	2.0
Synchronous Speed 600r/min(10 poles)50Hz								
Y2-315S-10	45	100	590	91.5	0.75	1.5	6.2	2.0
Y2-315M-10	55	121	590	92	0.75	1.5	6.2	2.0
Y2-315L1-10	75	162	590	92.5	0.76	1.5	6.2	2.0
Y2-315L2-10	90	191	590	93	0.77	1.5	6.2	2.0
Y2-355M1-10	110	230	590	93.2	0.78	1.3	6.0	2.0
Y2-355M2-10	132	275	590	93.5	0.78	1.3	6.0	2.0
Y2-355L-10	160	334	590	93.5	0.78	1.3	6.0	2.0