



HIGH EFFICIENCY MOTOR
IE1 IE2 IE3



MIAN CORPORATION



Y2(IE1) SERIES

THREE PHASE TEFC ASYNCHRONOUS
CAST IRON MOTOR



PRODUCTS

Y2 series motor is three phase standard efficiency Induction Cast Iron motors. It' s the new replacement of Y series and Its efficiency Indicators are in compliance with IE1. Compared with Y series , Y2 series motor boasts the advantages of high efficiency and high starting torque, with lower noise, optimize structure and artistic outline.

The rated output and the mounting dimensions are fully conformed to the standard IEC and DIN 42673(the same as Y series).

Characteristics

- Y2 series motors are suitable for driving various machines or equipments without special requirements.
- Widely applied in general machinery and industries such as pumps & water treatment, road machinery, Petroleum, Chemical, metallurgy, cement and paper-milling.
- IP55 protection, Class F insulation, B Temperature rise, S1 duty
- Rated voltage 380V/400V/415V, Rated frequency 50HZ
- Operation conditions: ambient temperature:-15°C~40°C,altitude≤1000m
- Y-connection for motors up to 3KW and Δ-connection for 4KW and above
- Cooling method is IC411

MOUNTING ARRANGEMENTS

Type	Basic type of construction	Derivde types of construction				
Y2-80-355	 IM B3 IM 1001	 IM V5 IM 1011	 IM V6 IM 1031	 IM B6 IM 1051	 IM B7 IM 1061	 IM B8 IM 1071
Y2-80-355	 IM B35 IM 2001	 IM V15 IM 2011	 IM V36 IM 2031	 IM 2051	 IM 2061	 IM 2071
Y2-80-160	 IM B34 IM 2101	 IM 2111	 IM 2131	 IM 2151	 IM 2161	 IM 2171
Y2-80-355	 IM B5 IM 3001	 IM V1 IM 3011	 IM V6 IM 3031			
Y2-80-160	 IM B14 IM 3601	 IM V18 IM 3611	 IM V19 IM 3631			

TECHNICAL SPECIFICATIONS(50HZ)

MOTOR

Frame reference and size	Rated Power		Full load speed in revolutions per minute	Full load current at rated voltage	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	Voltage
Type	Output	capacity	Speed	Amps	Eff	P.F.	LRT/RLT	LRA/RLA	BDT/RLT	NOISE	Voltage
	kW	HP	r/min	(A)	%	CosΦ				LwdB(A)	
3000min ⁻¹ (2poles)											
Y2-80M1-2	0.75	1.0	2890	1.64	75	0.82	2.3	7.0	2.3	62	400
Y2-80M2-2	1.1	1.5	2890	2.31	76.2	0.83	2.2	7.3	2.3	62	400
Y2-90S-2	1.5	2.0	2890	3.06	78.5	0.84	2.2	7.6	2.3	67	400
Y2-90L-2	2.2	3.0	2890	4.35	81	0.85	2.2	7.6	2.3	67	400
Y2-100L-2	3.0	4.0	2895	5.71	82.6	0.87	2.2	7.8	2.3	74	400
Y2-112M-2	4.0	5.5	2910	7.45	84.2	0.88	2.2	8.3	2.3	77	400
Y2-132S1-2	5.5	7.5	2940	10.1	85.7	0.88	2.0	8.3	2.3	79	400
Y2-132S2-2	7.5	10	2940	13.7	87	0.88	2.0	7.9	2.3	79	400
Y2-160M1-2	11	15	2950	19.6	88.4	0.89	2.0	8.1	2.3	81	400
Y2-160M2-2	15	20	2950	26.5	89.4	0.89	2.0	8.1	2.3	81	400
Y2-160L-2	18.5	25	2950	32.5	90	0.89	2.0	8.2	2.3	81	400
Y2-180M-2	22	30	2960	38.5	90.5	0.89	2.0	8.2	2.3	83	400
Y2-200L1-2	30	40	2970	52.1	91.4	0.89	2.0	7.6	2.3	84	400
Y2-200L2-2	37	50	2970	64.0	92	0.89	2.0	7.6	2.3	84	400
Y2-225M-2	45	60	2970	76.8	92.5	0.90	2.0	7.7	2.3	86	400
Y2-250M-2	55	75	2980	93.5	93	0.90	2.0	7.7	2.3	89	400
Y2-280S-2	75	100	2980	127	93.6	0.90	1.8	7.1	2.3	91	400
Y2-280M-2	90	125	2980	152	93.9	0.90	1.8	7.1	2.3	91	400
Y2-315S-2	110	150	2980	185	94	0.90	1.8	7.1	2.3	92	400
Y2-315M-2	132	180	2980	224	94.5	0.90	1.8	7.1	2.3	92	400
Y2-315L1-2	160	215	2980	265	94.6	0.91	1.8	7.2	2.2	92	400
Y2-315L2-2	200	270	2980	331	94.8	0.91	1.8	7.2	2.2	92	400
Y2-355M-2	250	340	2980	414	95.2	0.91	1.6	7.2	2.2	100	400
Y2-355L-2	315	430	2980	522	95.4	0.91	1.6	7.2	2.3	100	400



TECHNICAL SPECIFICATIONS(50HZ)

Frame reference and size	Rated Power		Full load speed in revolutions per minute	Full load current at rated voltage	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	Voltage
Type	Output kW	capacity HP	Speed r/min	Amps (A)	Eff %	P.F. CosΦ	LRT/RLT	LRA/RLA	BDT/RLT	NOISE LwdB(A)	Voltage V
1500min ⁻¹ (4poles)											
Y2-801-4	0.55	0.75	1390	1.49	71.0	0.75	2.4	5.2	2.3	56	400
Y2-80M-4	0.75	1.00	1430	1.75	73	0.75	2.3	6.6	2.3	59	400
Y2-90S-4	1.1	1.50	1440	2.48	76.2	0.76	2.3	6.8	2.3	59	400
Y2-90L-4	1.5	2.00	1440	3.30	78.5	0.77	2.3	7.0	2.3	64	400
Y2-100L1-4	2.2	3.00	1455	4.52	81	0.81	2.3	7.6	2.3	64	400
Y2-100L2-4	3.0	4.00	1455	6.02	82.6	0.82	2.3	7.6	2.3	65	400
Y2-112M-4	4.0	5.50	1460	7.95	84.2	0.82	2.2	7.8	2.3	71	400
Y2-132S-4	5.5	7.50	1470	10.7	85.7	0.83	2.0	7.9	2.3	71	400
Y2-132M-4	7.5	10.0	1470	14.3	87	0.84	2.0	7.5	2.3	73	400
Y2-160M-4	11.0	15.0	1470	20.4	88.4	0.85	2.2	7.7	2.3	73	400
Y2-160L-4	15.0	20.0	1470	27.3	89.4	0.86	2.2	7.8	2.3	76	400
Y2-180M-4	18.5	25.0	1475	33.5	90.0	0.86	2.0	7.8	2.3	76	400
Y2-180L-4	22	30.0	1475	39.7	90.5	0.86	2.0	7.8	2.3	76	400
Y2-200L-4	30	40.0	1480	53.8	91.4	0.86	2.0	7.8	2.3	78	400
Y2-225S-4	37	50.0	1485	66.1	92	0.86	2.0	7.4	2.3	78	400
Y2-225M-4	45	60.0	1485	80.2	92.5	0.86	2.0	7.4	2.3	79	400
Y2-250M-4	55	75.0	1485	97.6	93	0.86	2.0	7.4	2.3	80	400
Y2-280S-4	75	100	1485	129	93.6	0.88	2.0	6.9	2.3	80	400
Y2-280M-4	90	125	1485	155	93.9	0.88	2.0	6.9	2.3	88	400
Y2-315S-4	110	150	1485	187	94.5	0.89	2.0	7.0	2.2	88	400
Y2-315M-4	132	180	1485	224	94.8	0.89	2.0	7.0	2.2	88	400
Y2-315L1-4	160	215	1485	271	94.9	0.89	2.0	7.1	2.2	88	400
Y2-315L2-4	200	270	1485	334	94.9	0.90	2.0	7.1	2.2	95	400
Y2-355M-4	250	340	1490	418	95.2	0.90	2.0	7.1	2.2	95	400
Y2-355L-4	315	430	1490	526	95.2	0.90	2.0	7.1	2.2	95	400

TECHNICAL SPECIFICATIONS(50HZ)

MOTOR

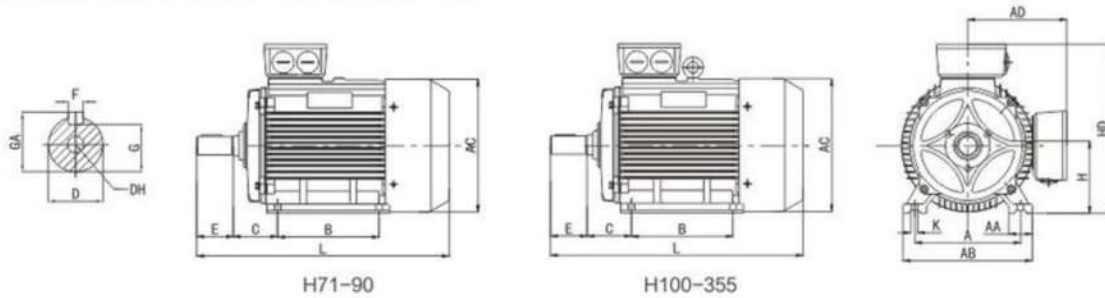
Frame reference and size	Rated Power		Full load speed in revolutions per minute	Full load current at rated voltage	Efficiency	Power factor	Direct on line starting torque ratio	Direct on line starting current ratio	Direct on line pull out torque ratio	Mean sound pressure level @ 1m on no load	Voltage
Type	Output kW	capacity HP	Speed r/min	Amps (A)	Eff %	P.F. CosΦ	LRT/RLT	LRA/RLA	BDT/RLT	NOISE LwdB(A)	Voltage V
1000min ⁻¹ (6poles)											
Y2-801-6	0.37	0.5	885	1.23	62.0	0.70	1.9	4.7	2.0	55	400
Y2-802-6	0.55	0.75	885	1.70	65.0	0.72	1.9	4.7	2.1	55	400
Y2-90S-6	0.75	1.0	955	1.93	69	0.71	2.0	6.0	2.1	57	400
Y2-90L-6	1.1	1.5	955	2.69	72	0.73	2.0	6.0	2.1	57	400
Y2-100L-6	1.5	2.0	955	3.60	76	0.73	2.0	6.5	2.1	61	400
Y2-112M-6	2.2	3.0	970	5.09	79	0.74	2.0	6.5	2.1	65	400
Y2-132S-6	3.0	4.0	970	6.84	81	0.74	2.0	6.5	2.1	69	400
Y2-132M1-6	4.0	5.5	970	8.99	82	0.74	2.0	6.8	2.1	69	400
Y2-132M2-6	5.5	7.5	970	12.0	84	0.75	2.0	7.0	2.1	69	400
Y2-160M-6	7.5	10.0	980	15.4	86	0.79	2.0	7.0	2.1	73	400
Y2-160L-6	11.0	15.0	980	22.0	87.5	0.80	2.0	7.2	2.1	73	400
Y2-180L-6	15.0	20.0	980	29.3	89	0.81	2.0	7.3	2.1	73	400
Y2-200L1-6	18.5	25	985	36.0	90	0.81	2.0	7.3	2.1	73	400
Y2-200L2-6	22.0	30	985	42.5	90	0.81	2.0	7.4	2.1	73	400
Y2-225M-6	30.0	40	985	56.2	91.5	0.83	2.0	6.9	2.1	74	400
Y2-250M-6	37.0	50	990	68.1	92	0.84	2.0	7.1	2.1	76	400
Y2-280S-6	45.0	60	990	81.6	92.5	0.85	2.0	7.3	2.0	78	400
Y2-280M-6	55	75	990	98.1	92.8	0.86	2.0	7.3	2.0	78	400
Y2-315S-6	75	100	990	136	93.5	0.85	2.0	6.6	2.0	83	400
Y2-315M-6	90	125	990	161	93.8	0.85	2.0	6.7	2.0	83	400
Y2-315L1-6	110	150	990	196	94	0.86	2.0	6.7	2.0	83	400
Y2-315L2-6	132	180	990	232	94.2	0.86	2.0	6.8	2.0	83	400
Y2-355M1-6	160	215	990	281	94.5	0.87	1.8	6.8	2.0	85	400
Y2-355M2-6	200	270	990	346	94.5	0.87	1.8	6.8	2.0	85	400
Y2-355L1-6	250	340	990	433	94.5	0.88	1.8	6.8	2.0	85	400
Y2-355L2-6	315	430	990	552	94.5	0.86	1.8	6.8	2.0	85	400



TECHNICAL SPECIFICATIONS(50HZ)

Frame reference and size	Rated Power		Full load speed in revolutions per minute	Full load current at rated voltage	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	Voltage
Type	Output kW	capacity HP	Speed r/min	Amps (A)	Eff %	P.F. CosΦ	LRT/RLT	LRA/RLA	BDT/RLT	NOISE LwdB(A)	Voltage V
750min ⁻¹ (8poles)											
Y2-801-8	0.18	0.24	645	0.84	51	0.61	1.8	3.3	1.9	60	400
Y2-802-8	0.25	0.33	645	1.10	54	0.61	1.8	3.3	1.9	60	400
Y2-90S-8	0.37	0.5	670	1.44	62	0.6	1.8	4.0	1.9	62	400
Y2-90L-8	0.55	0.75	670	2.10	63	0.6	1.8	4.0	2.0	62	400
Y2-100L1-8	0.75	1	680	2.42	71	0.67	1.8	4.0	2.0	67	400
Y2-100L2-8	1.1	1.5	680	3.29	73	0.69	1.8	5.0	2.0	67	400
Y2-112M-8	1.5	2	700	4.30	75	0.69	1.8	5.0	2.0	74	400
Y2-132S-8	2.2	3	710	5.88	78	0.71	1.8	6.0	2.0	77	400
Y2-132M-8	3	4	710	7.59	79	0.73	1.8	6.0	2.0	79	400
Y2-160M1-8	4	5.5	720	9.87	81	0.73	1.9	6.0	2.0	79	400
Y2-160M2-8	5.5	7.5	720	13.1	83	0.74	2.0	6.0	2.0	81	400
Y2-160L-8	7.5	10.0	720	17.2	85.5	0.75	2.0	6.0	2.0	81	400
Y2-180L-8	11	15.0	730	24.4	87.5	0.76	2.0	6.6	2.0	81	400
Y2-200L-8	15	20	730	32.7	88	0.76	2.0	6.6	2.0	83	400
Y2-225S-8	18.5	25	730	39.9	90	0.76	1.9	6.6	2.0	84	400
Y2-225M-8	22	30	730	45.9	90.5	0.78	1.9	6.6	2.0	84	400
Y2-250M-8	30	40	730	61.0	91	0.79	1.9	6.6	2.0	86	400
Y2-280S-8	37	50	735	74.6	91.5	0.79	1.9	6.6	2.0	89	400
Y2-280M-8	45	60	735	90.2	92	0.79	1.9	6.6	2.0	91	400
Y2-315S-8	55	75	735	107	92.8	0.81	1.8	6.6	2.0	91	400
Y2-315M-8	75	100	735	144	93	0.81	1.8	6.6	2.0	92	400
Y2-315L1-8	90	125	735	170	93.8	0.82	1.8	6.6	2.0	92	400
Y2-315L2-8	110	150	735	207	94	0.82	1.8	6.4	2.0	92	400
Y2-355M1-8	132	180	745	248	93.7	0.82	1.8	6.4	2.0	92	400
Y2-355M2-8	160	215	745	299	94.2	0.82	1.8	6.4	2.0	100	400
Y2-355L-8	200	270	745	370	94.5	0.83	1.8	6.4	2.0	100	400

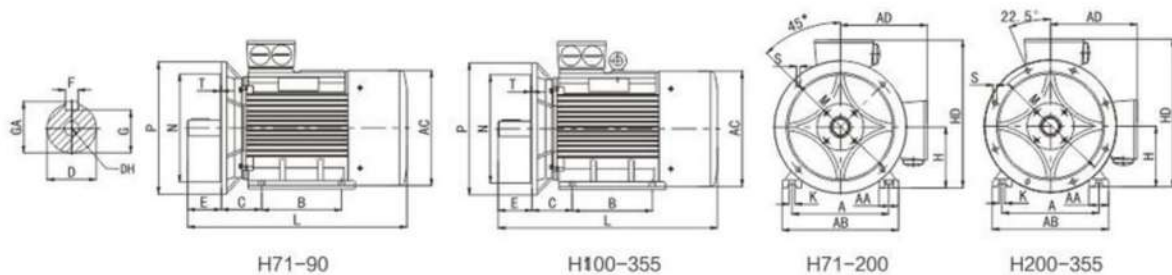
B3 MOUNTING AND OVERALL DIMENSIONS



H71-H90 WITHOUT LIFTING BOLT

Frame Size	Poles	Mounting dimensions(mm)									Overall dimensions(mm)							
		A	B	C	D	E	F	G	H	K	DH	GA	AA	AB	AC	AD	HD	L
80	2.4.6.8	125	100	50	19	40	6	15.5	80	10	M6X16	21.5	34	165	175	145	220	290
90S	2.4.6.8	140	100	56	24	50	8	20	90	10	M8X20	27	36	180	195	155	250	315
90L	2.4.6.8	140	125	56	24	50	8	20	90	10	M8X20	27	36	180	195	155	250	340
100L	2.4.6.8	160	140	63	28	60	8	24	100	10	M10X25	31	40	205	215	180	270	375
112M	2.4.6.8	190	140	70	28	60	8	24	112	12	M10X25	31	45	230	240	190	300	400
132S	2.4.6.8	216	140	89	38	80	10	33	132	12	M12X30	41	55	270	275	210	345	470
132M	2.4.6.8	216	178	89	38	80	10	33	132	12	M12X30	41	55	270	275	210	345	510
160M	2.4.6.8	254	210	108	42	110	12	37	160	12	M16X36	45	65	320	330	255	420	610
160L	2.4.6.8	254	254	108	42	110	12	37	160	15	M16X36	45	65	320	330	255	420	655
180M	2.4.6.8	279	241	121	48	110	14	42.5	180	15	M16X36	51.5	70	355	380	280	455	690
180L	2.4.6.8	279	279	121	48	110	14	42.5	180	15	M16X36	51.5	70	355	380	280	455	730
200L	2.4.6.8	318	305	133	55	110	16	49	200	19	M20X42	59	70	395	420	305	505	760
225S	4.8	356	286	149	60	140	18	53	225	19	M20X40	64	75	435	470	335	560	810
225M	2 4.6.8	356	311	149	55	110	16	49	225	19	M20X40	59	75	435	470	335	560	805
		356	311	149	60	140	18	53	225	19	M20X40	64	75	435	470	335	560	835
250M	2 4.6.8	406	349	168	60	110	18	53	250	24	M20X42	64	80	490	510	370	615	910
		406	349	168	65	140	18	58	250	24	M20X42	69	80	490	510	370	615	910
280S	2 4.6.8	457	368	190	65	140	18	58	280	24	M20X42	69	85	550	580	410	680	985
		457	368	190	75	140	20	67.5	280	24	M20X42	79.5	85	550	580	410	680	985
280M	2 4.6.8	457	419	190	65	140	18	58	280	24	M20X42	69	85	550	580	410	680	1035
		457	419	190	75	140	20	67.5	280	24	M20X42	79.5	85	550	580	410	680	1035
315S	2 4.6.8.10	508	406	216	65	140	18	58	315	28	M20X46	69	116	635	645	530	845	1190
		508	406	216	80	170	22	71	315	28	M20X46	85	116	635	645	530	845	1220
315M	2 4.6.8.10	508	457	216	65	140	18	58	315	28	M20X46	69	116	635	645	530	845	1300
		508	457	216	80	170	22	71	315	28	M20X46	85	116	635	645	530	845	1330
315L	2 4.6.8.10	508	508	216	65	140	18	58	315	28	M20X46	69	116	635	645	530	845	1300
		508	508	216	80	170	22	71	315	28	M20X46	85	116	635	645	530	845	1330
355M	2 4.6.8.10	610	560	254	75	140	20	67.5	355	28	M20X46	79.5	120	730	720	655	1010	1490
		610	560	254	95	170	25	86	355	28	M20X46	100	120	730	720	655	1010	1520
355L	2 4.6.8.10	610	630	254	75	140	20	67.5	355	28	M20X46	79.5	120	730	720	655	1010	1490
		610	630	254	95	170	25	86	355	28	M20X46	100	120	730	720	655	1010	1520

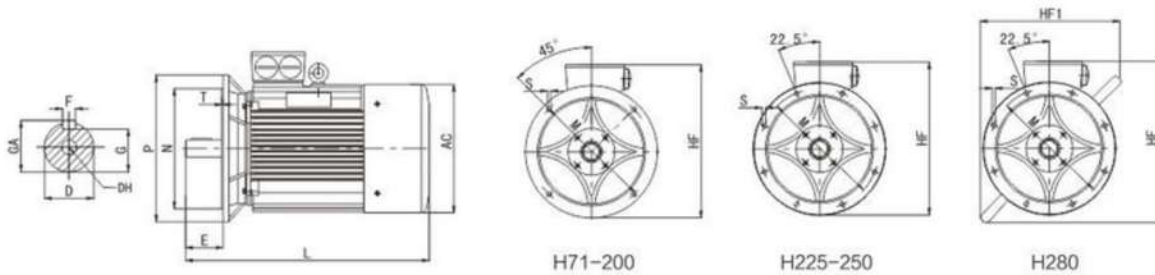
MOUNTING AND OVERALL DIMENSIONS



H71-H90 WITHOUT LIFTING BOLT

Frame Size	Poles	Flange size	Mounting dimensions(mm)																Overall dimensions(mm)							
			A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	DH	GA	AA	AB	AC	AD	HD	L	
80	2,4,6,8	FF165	125	100	50	19	40	6	15.5	80	10	165	130	200	0±1.5	4-φ12	3.5	M6X16	21.5	34	165	175	145	220	290	
90S	2,4,6,8	FF165	140	100	56	24	50	8	20	90	10	165	130	200	0±1.5	4-φ12	3.5	M8X20	27	36	180	195	155	250	315	
90L	2,4,6,8	FF165	140	125	56	24	50	8	20	90	10	165	130	200	0±1.5	4-φ12	3.5	M8X20	27	36	180	195	155	250	340	
100L	2,4,6,8	FF215	160	140	63	28	60	8	24	100	10	215	180	250	0±2	4-φ15	4	M10X25	31	40	205	215	180	270	375	
112M	2,4,6,8	FF215	190	140	70	28	60	8	24	112	12	215	180	250	0±2	4-φ15	4	M10X25	31	45	230	240	190	300	400	
132S	2,4,6,8	FF265	216	140	89	38	80	10	33	132	12	265	230	300	0±2	4-φ15	4	M12X30	41	55	270	275	210	345	470	
132M	2,4,6,8	FF265	216	178	89	38	80	10	33	132	12	265	230	300	0±2	4-φ15	4	M12X30	41	55	270	275	210	345	510	
160M	2,4,6,8	FF300	254	210	108	42	110	12	37	160	12	300	250	350	0±3	4-φ19	5	M16X36	45	65	320	330	255	420	610	
160L	2,4,6,8	FF300	254	254	108	42	110	12	37	160	15	300	250	350	0±3	4-φ19	5	M16X36	45	65	320	330	255	420	655	
180M	2,4,6,8	FF300	279	241	121	48	110	14	42.5	180	15	300	250	350	0±3	4-φ19	5	M16X36	51.5	70	355	380	280	455	690	
180L	2,4,6,8	FF300	279	279	121	48	110	14	42.5	180	15	300	250	350	0±3	4-φ19	5	M16X36	51.5	70	355	380	280	455	730	
200L	2,4,6,8	FF350	318	305	133	55	110	16	49	200	15	350	300	400	0±3	4-φ19	5	M20X42	59	70	395	420	305	505	760	
225S	4,8	FF400	356	286	149	60	140	18	53	225	19	400	350	450	0±4	8-φ19	5	M20X40	64	75	435	470	335	560	810	
225M	2 4,6,8	FF400	356	311	149	55	110	16	49	225	19	400	350	450	0±4	8-φ19	5	M20X40	59	75	435	470	335	560	805	
		FF400	356	311	149	60	140	18	53	225	19	400	350	450	0±4	8-φ19	5	M20X40	64	75	435	470	335	560	835	
250M	2 4,6,8	FF500	406	349	168	60	140	18	53	250	19	500	450	550	0±4	8-φ19	5	M20X42	64	80	490	510	370	615	910	
		FF500	406	349	168	65	140	18	58	250	24	500	450	550	0±4	8-φ19	5	M20X42	69	80	490	510	370	615	910	
280S	2 4,6,8	FF500	457	368	190	65	140	18	58	280	24	500	450	550	0±4	8-φ19	5	M20X42	69	85	550	580	410	680	985	
		FF500	457	368	190	75	140	18	67.5	280	24	500	450	550	0±4	8-φ19	5	M20X42	79.5	85	550	580	410	680	985	
280M	2 4,6,8	FF500	457	419	190	65	140	18	58	280	24	500	450	550	0±4	8-φ19	5	M20X42	69	85	550	580	410	680	1035	
		FF500	457	419	190	75	140	20	67.5	280	24	500	450	550	0±4	8-φ19	5	M20X42	79.5	85	550	580	410	680	1035	
315S	2 4,6,8,10	FF600	508	406	216	65	140	18	58	315	28	600	550	660	0±4	8-φ24	6	M20X46	69	116	635	645	530	845	1190	
		FF600	508	406	216	80	170	20	71	315	28	600	550	660	0±4	8-φ24	6	M20X46	85	116	635	645	530	845	1220	
315M	2 4,6,8,10	FF600	508	457	216	65	140	18	58	315	28	600	550	660	0±4	8-φ24	6	M20X46	69	116	635	645	530	845	1300	
		FF600	508	457	216	80	170	22	71	315	28	600	550	660	0±4	8-φ24	6	M20X46	85	116	635	645	530	845	1330	
315L	2 4,6,8,10	FF600	508	508	216	65	140	18	58	315	28	600	550	660	0±4	8-φ24	6	M20X46	69	116	635	645	530	845	1300	
		FF600	508	508	216	80	170	22	71	315	28	600	550	660	0±4	8-φ24	6	M20X46	85	116	635	645	530	845	1330	
355M	2 4,6,8,10	FF740	610	560	254	75	140	20	67.5	355	28	740	680	800	0±4	8-φ24	6	M20X46	79.5	120	730	720	655	1010	1490	
		FF740	610	560	254	95	170	25	86	355	28	740	680	800	0±4	8-φ24	6	M20X46	100	120	730	720	655	1010	1520	
355L	2 4,6,8,10	FF740	610	630	254	75	140	20	67.5	355	28	740	680	800	0±4	8-φ24	6	M20X46	79.5	120	730	720	655	1010	1490	
		FF740	610	630	254	95	170	25	86	355	28	740	680	800	0±4	8-φ24	6	M20X46	100	120	730	720	655	1010	1520	

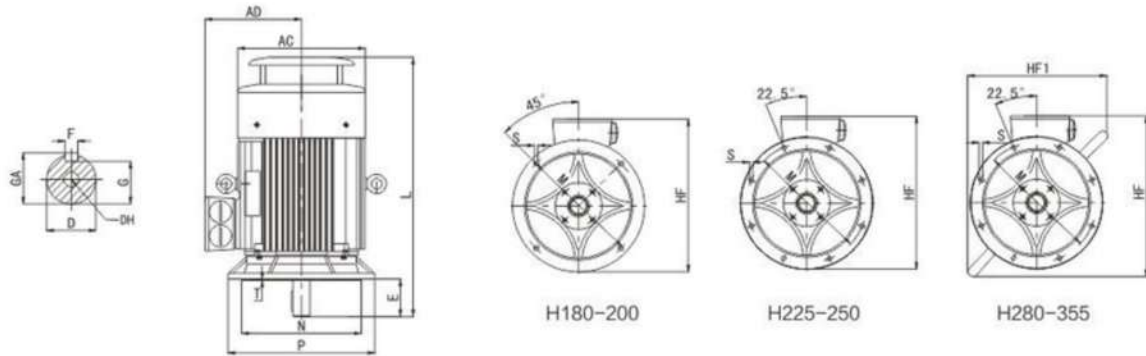
MOUNTING AND OVERALL DIMENSIONS



H71-H90 WITHOUT LIFTING BOLT

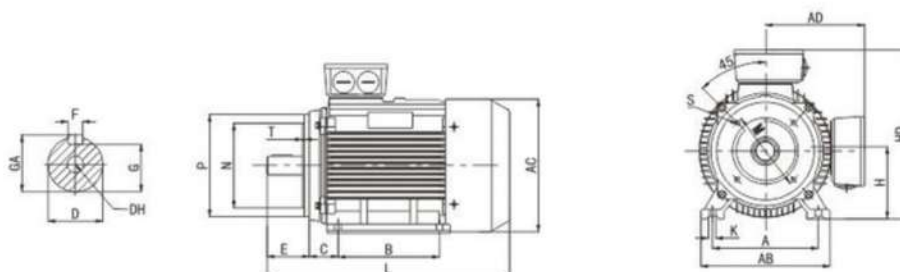
Frame Size	Poles	Flange size	Mounting dimensions(mm)										Overall dimensions(mm)					
			D	E	F	G	M	N	P	R	S	T	DH	GA	AC	HF	HF1	L
80	2.4.6.8	FF165	19	40	6	15.5	165	130	200	0±1.5	4-Φ12	3.5	M6×16	21.5	175	220	-	290
90S	2.4.6.8	FF165	24	50	8	20	165	130	200	0±1.5	4-Φ12	3.5	M8×20	27	195	245	-	315
90L	2.4.6.8	FF165	24	50	8	20	165	130	200	0±1.5	4-Φ12	3.5	M8×20	27	195	245	-	340
100L	2.4.6.8	FF215	28	60	8	24	215	180	250	0±2	4-Φ15	4	M10×25	31	215	270	-	375
112M	2.4.6.8	FF215	28	60	8	24	215	1810	250	0±2	4-Φ15	4	M10×25	31	240	305	-	400
132S	2.4.6.8	FF265	38	80	10	33	265	230	300	0±2	4-Φ15	4	M12×30	41	275	345	-	470
132M	2.4.6.8	FF265	38	80	10	33	265	230	300	0±2	4-Φ15	4	M12×30	41	275	345	-	510
160M	2.4.6.8	FF300	42	110	12	37	300	250	350	0±3	4-Φ19	5	M16×36	45	330	420	-	610
160L	2.4.6.8	FF300	42	110	12	37	300	250	350	0±3	4-Φ19	5	M16×36	45	330	420	-	655
180M	2.4.6.8	FF300	48	110	14	42.5	300	250	350	0±3	4-Φ19	5	M16×36	51.5	380	455	-	690
180L	2.4.6.8	FF300	48	110	14	42.5	300	250	350	0±3	4-Φ19	5	M16×36	51.5	380	455	-	730
200L	2.4.6.8	FF350	55	110	16	49	350	300	400	0±3	4-Φ19	5	M20×42	59	420	515	-	760
225S	4.8	FF400	60	140	18	53	400	350	450	0±4	4-Φ19	5	M20×40	64	470	560	-	810
225M	2 4.6.8	FF400	55	110	16	49	400	350	450	0±4	4-Φ19	5	M20×40	59	470	560	-	805
		FF400	60	140	18	53	400	350	450	0±4	4-Φ19	5	M20×40	64	470	560	-	835
250M	2 4.6.8	FF500	60	140	18	53	500	450	550	0±4	4-Φ19	5	M20×42	64	510	645	-	910
		FF500	65	140	18	58	500	450	550	0±4	4-Φ19	5	M20×42	69	510	645	-	910
280S	2 4.6.8	FF500	65	140	18	58	500	450	550	0±4	4-Φ19	5	M20×42	69	580	685	585	985
		FF500	75	140	20	67.5	500	450	550	0±4	4-Φ19	5	M20×42	79.5	580	685	585	985
280M	2 4.6.8	FF500	65	140	18	58	500	450	550	0±4	4-Φ19	5	M20×42	69	580	685	585	1035
		FF500	75	140	20	67.5	500	450	550	0±4	4-Φ19	5	M20×42	79.5	580	685	585	1035

V1 MOUNTING AND OVERALL DIMENSIONS



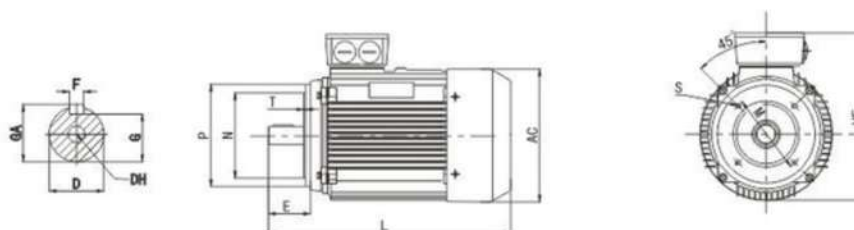
Frame Size	Poles	Mounting dimensions(mm)										Overall dimensions(mm)						
		D	E	F	G	M	N	P	R	S	T	DH	GA	AC	AD	HF	HF1	L
180M	2.4.6.8	48	110	14	42.5	300	250	350	0±3	4-Φ19	5	M16×36	51.5	380	280	500	—	750
180L	2.4.6.8	48	110	14	42.5	300	250	350	0±3	4-Φ19	5	M16×36	51.5	380	280	500	—	790
200L	2.4.6.8	55	110	16	49	350	300	400	0±3	4-Φ19	5	M20×42	59	420	305	550	—	835
225S	4.8	60	140	18	53	400	350	450	0±4	8-Φ19	5	M20×40	64	470	335	610	—	900
225M	2	55	110	16	49	400	350	450	0±4	8-Φ19	5	M20×40	59	470	335	610	585	895
	4.6.8	60	140	18	53	400	350	450	0±4	8-Φ19	5	M20×40	64	470	335	610	585	925
250M	2	60	140	18	53	500	450	550	0±4	8-Φ19	5	M20×42	64	510	370	685	585	1010
	4.6.8	65	140	18	58	500	450	550	0±4	8-Φ19	5	M20×42	69	510	370	685	585	1010
280S	2	65	140	18	58	500	450	550	0±4	8-Φ19	5	M20×42	69	580	410	685	800	1105
	4.6.8	75	140	18	67.5	500	450	550	0±4	8-Φ19	5	M20×42	79.5	580	410	685	800	1105
280M	2	65	140	18	58	500	450	550	0±4	8-Φ19	5	M20×42	69	580	410	685	800	1155
	4.6.8	75	140	20	67.5	500	450	550	0±4	8-Φ19	5	M20×42	79.5	580	410	685	800	1155
315S	2	65	140	18	58	600	550	660	0±4	8-Φ24	6	M20×46	65	645	530	830	800	1310
	4.6.8.10	80	170	22	71	600	550	660	0±4	8-Φ24	6	M20×46	85	645	530	830	800	1340
315M	2	65	140	18	58	600	550	660	0±4	8-Φ24	6	M20×46	69	645	530	830	800	1420
	4.6.8.10	80	170	22	71	600	550	660	0±4	8-Φ24	6	M20×46	85	645	530	830	800	1450
315L	2	65	140	18	58	600	550	660	0±4	8-Φ24	6	M20×46	69	645	530	830	800	1420
	4.6.8.10	80	170	22	71	600	550	660	0±4	8-Φ24	6	M20×46	85	645	530	830	800	1450
355M	2	75	140	20	67.5	740	660	800	0±4	8-Φ24	6	M20×46	79.5	720	655	990	920	1630
	4.6.8.10	95	170	25	86	740	660	800	0±4	8-Φ24	6	M20×46	100	720	655	990	920	1660
355L	2	75	140	20	67.5	740	660	800	0±4	8-Φ24	6	M20×46	79.5	720	655	990	920	1630
	4.6.8.10	95	170	25	86	740	660	800	0±4	8-Φ24	6	M20×46	100	720	655	990	920	1660

B34 MOUNTING AND OVERALL DIMENSIONS



Frame Size	Flange size	Mounting dimensions(mm)																Overall dimensions(mm)							
		A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	DH	GA	AB	AC	AD	HD	L		
80	FT100	125	100	50	19	40	6	15.5	80	10	100	80	120	0±1.5	4-M6	3.0	M6×16	21.5	165	175	145	220	290		
90S	FT115	140	100	56	24	50	8	20	90	10	115	95	140	0±1.5	4-M8	3.0	M8×20	27	180	195	155	250	315		
90L	FT115	140	125	56	24	50	8	20	90	10	115	95	140	0±1.5	4-M8	3.0	M8×20	27	180	195	155	250	340		
100L	FT130	160	140	63	28	60	8	24	100	12	130	110	160	0±2.0	4-M8	3.5	M10×25	31	205	215	180	270	375		
112M	FT130	190	140	70	28	60	8	24	112	12	130	110	160	0±2.0	4-M8	3.5	M10×25	31	230	240	190	300	400		
132S	FT165	216	140	89	38	80	10	33	132	12	165	130	200	0±2.0	4-M10	4	M12×30	41	270	275	210	345	470		
132M	FT165	216	178	89	38	80	10	33	132	12	165	130	200	0±2.0	4-M10	4	M12×30	41	270	275	210	345	510		

B14 MOUNTING AND OVERALL DIMENSIONS



Frame Size	Flange size	Mounting dimensions(mm)											Overall dimensions(mm)				
		D	E	F	G	M	N	P	R	S	T	DH	GA	AC	HF	L	
80	FT100	19	40	6	15.5	100	80	120	0±1.5	4-M6	3.0	M6×16	21.5	175	220	290	
90S	FT115	24	50	8	20	115	95	140	0±1.5	4-M8	3.0	M8×20	27	195	245	315	
90L	FT115	24	50	8	20	115	95	140	0±1.5	4-M8	3.0	M8×20	27	195	245	340	
100L	FT130	28	60	8	24	130	110	160	0±1.5	4-M8	3.5	M10×25	31	215	270	375	
112M	FT130	25	60	8	24	130	110	160	0±1.5	4-M8	3.5	M10×25	31	240	305	400	
132S	FT165	38	80	10	33	165	130	200	0±1.5	4-M10	4	M12×30	41	275	345	470	
132M	FT165	38	80	10	33	165	130	200	0±1.5	4-M10	4	M12×30	41	275	345	510	

YE2(IE2) SERIES

THREE PHASE TEFC ASYNCHRONOUS
CAST IRON MOTOR



PRODUCTS

YE2 series three phase asynchronous motor is complete new designed high efficiency motor with cast iron housing. Its efficiency indicators are in line with IE2 and Australia MEPS2(Level 1B)

CHARACTERISTICS

- Widely applied in general machinery and industries such as pumps & water treatment, road machinery, petroleum, chemical, metallurgy, cement and paper-milling.
- IP55 protection, Class F insulation, B Temperature rise, S1 duty
- Rated voltage 380V/400V/415V, rated frequency 50HZ
- Operation conditions: ambient temperature: -15°C~40°C, altitude ≤ 1000m
- Y-connection for motors up to 3KW and Δ-connection for 4KW and above
- Cooling method is IC411

MOUNTING ARRANGEMENTS

Type	Basic type of construction	Derive types of construction				
YE2-80-355	 IM B3 IM 1001	 IM V5 IM 1011	 IM V6 IM 1031	 IM B6 IM 1051	 IM B7 IM 1061	 IM B8 IM 1071
YE2-80-355	 IM B35 IM 2001	 IM V15 IM 2011	 IM V36 IM 2031	 IM 2051	 IM 2061	 IM 2071
YE2-80-160	 IM B34 IM 2101	 IM 2111	 IM 2131	 IM 2151	 IM 2161	 IM 2171
YE2-80-355	 IM B5 IM 3001	 IM V1 IM 3011	 IM V6 IM 3031			
YE2-80-160	 IM B14 IM 3601	 IM V18 IM 3611	 IM V19 IM 3631			

TECHNICAL SPECIFICATIONS(50HZ)

Frame reference and size	Rated Power		Full load speed in revolutions per minute	Full load current at rated voltage	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	Voltage
Type	Output	capacity	Speed	Amps	Eff	P.F.	LRT/RLT	LRA/RLA	BDT/RLT	NOISE	Voltage
	kW	HP	r/min	(A)	%	CosΦ				LwdB(A)	V
SPEED3000RPM 2-POLE											
YE2-80M1-2	0.75	1.0	2885	1.77	77.4	0.83	2.3	6.8	2.3	62	400
YE2-80M2-2	1.10	1.5	2885	2.53	79.6	0.83	2.3	7.3	2.3	62	400
YE2-90S-2	1.50	2.0	2885	3.34	81.3	0.84	2.3	7.6	2.3	67	400
YE2-90L-2	2.20	3.0	2890	4.73	83.2	0.85	2.3	7.8	2.3	67	400
YE2-100L-2	3.00	4.0	2895	6.19	84.6	0.87	2.3	8.1	2.3	74	400
YE2-112M-2	4.00	5.5	2895	8.05	85.8	0.88	2.3	8.3	2.3	77	400
YE2-132S1-2	5.50	7.5	2920	10.9	87	0.88	2.2	8.0	2.3	79	400
YE2-132S2-2	7.50	10	2930	14.5	88.1	0.89	2.2	7.8	2.3	79	400
YE2-160M1-2	11.0	15	2945	21.0	89.4	0.89	2.2	7.9	2.3	81	400
YE2-160M2-2	15.0	20	2945	28.4	90.3	0.89	2.2	8.0	2.3	81	400
YE2-160L-2	18.5	25	2950	34.7	90.9	0.89	2.2	8.1	2.3	81	400
YE2-180M-2	22.0	30	2960	41.1	91.3	0.89	2.2	8.2	2.3	83	400
YE2-200L1-2	30.0	40	2965	55.7	92.0	0.89	2.2	7.5	2.3	84	400
YE2-200L2-2	37.0	50	2965	68.3	92.5	0.89	2.2	7.5	2.3	84	400
YE2-225M-2	45.0	60	2965	82.7	92.9	0.89	2.2	7.6	2.3	86	400
YE2-250M-2	55.0	75	2970	101	93.2	0.89	2.2	7.6	2.3	89	400
YE2-280S-2	75.0	100	2980	137	93.8	0.89	2.0	6.9	2.3	91	400
YE2-280M-2	90.0	125	2980	163	94.1	0.9	2.0	7.0	2.3	91	400
YE2-315S-2	110	150	2980	197	94.3	0.9	2.0	7.1	2.2	92	400
YE2-315M-2	132	180	2980	236	94.6	0.91	2.0	7.1	2.2	92	400
YE2-315L1-2	160	215	2980	282	94.8	0.91	2.0	7.1	2.2	92	400
YE2-315L2-2	200	270	2980	352	95	0.91	2.0	7.1	2.2	92	400
YE2-355M-2	250	340	2985	439	95	0.91	2.0	7.1	2.2	100	400
YE2-355L2-2	315	430	2985	554	95	0.91	2.0	7.1	2.2	100	400
SPEED1500RPM 4-POLE											
YE2-80M-4	0.75	1.0	1390	1.91	79.6	0.75	2.3	6.5	2.3	56	400
YE2-90S-4	1.1	1.5	1400	2.74	81.4	0.75	2.3	6.5	2.3	59	400
YE2-90L-4	1.5	2.0	1400	3.67	82.8	0.75	2.3	6.9	2.3	59	400
YE2-100L1-4	2.2	3.0	1430	4.94	84.3	0.81	2.3	7.5	2.3	64	400
YE2-100L2-4	3.0	4.0	1430	6.5	85.5	0.82	2.3	7.6	2.3	64	400
YE2-112M-4	4.0	5.5	1440	8.56	86.6	0.82	2.3	7.7	2.3	65	400
YE2-132S-4	5.5	7.5	1440	11.6	87.7	0.82	2.0	7.5	2.3	71	400
YE2-132M-4	7.5	10	1440	15.5	88.7	0.83	2.0	7.4	2.3	71	400
YE2-160M-4	11	15	1460	21.9	89.8	0.85	2.2	7.5	2.3	73	400
YE2-160L-4	15	20	1460	29.2	90.6	0.86	2.2	7.7	2.3	73	400
YE2-180M-4	18.5	25	1470	35.8	91.2	0.86	2.2	7.7	2.3	76	400
YE2-180L-4	22	30	1470	42.4	91.6	0.86	2.2	7.8	2.3	76	400
YE2-200L-4	30	40	1470	57.4	92.3	0.86	2.2	7.2	2.3	76	400
YE2-225S-4	37	50	1475	70.5	92.7	0.86	2.2	7.3	2.3	78	400
YE2-225M-4	45	60	1475	85.4	93.1	0.86	2.2	7.4	2.3	78	400
YE2-250M-4	55	75	1480	104	93.5	0.86	2.2	7.4	2.3	79	400
YE2-280S-4	75	100	1480	138	94.0	0.88	2.2	6.7	2.3	80	400
YE2-280M-4	90	125	1480	165	94.2	0.88	2.2	6.9	2.3	80	400
YE2-315S-4	110	150	1480	201	94.5	0.88	2.2	6.9	2.2	88	400
YE2-315M-4	132	180	1480	241	94.7	0.88	2.2	6.9	2.2	88	400
YE2-315L1-4	160	215	1480	288	94.9	0.89	2.2	6.9	2.2	88	400
YE2-315L2-4	200	270	1480	359	95.1	0.89	2.2	6.9	2.2	88	400
YE2-355M-4	250	340	1480	444	95.1	0.90	2.2	6.9	2.2	95	400
YE2-355L2-4	315	430	1480	559	95.1	0.90	2.2	6.9	2.2	95	400



TECHNICAL SPECIFICATIONS(50Hz)

Frame reference and size	Rated Power		Full load speed in revolutions per minute	Full load current at rated voltage	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	Voltage
Type	Output kW	capacity HP	Speed r/min	Amps (A)	Eff %	P.F. CosΦ	LRT/RLT	LRA/RLA	BDT/RLT	Nose LwdB(A)	Voltage V
SPEED1000RPM 6-POLE											
YE2-80M1-6	0.37	0.5	885	1.19	67.6	0.70	1.9	4.7	2.0	62	400
YE2-80M2-6	0.55	0.75	885	1.59	73.1	0.70	1.9	4.7	2.1	62	400
YE2-90S-6	0.75	1.0	930	2.00	75.9	0.71	2.0	5.8	2.1	57	400
YE2-90L-6	1.10	1.5	930	2.80	78.1	0.72	2.0	5.9	2.1	57	400
YE2-100L-6	1.50	2.0	930	3.70	79.8	0.72	2.0	5.9	2.1	61	400
YE2-112M-6	2.20	3.0	945	5.40	81.8	0.72	2.0	6.2	2.1	65	400
YE2-132S-6	3.00	4.0	960	7.10	83.3	0.72	2.0	6.4	2.1	69	400
YE2-132M1-6	4.00	5.5	965	9.45	84.6	0.74	2.0	6.6	2.1	69	400
YE2-132M2-6	5.50	7.5	965	12.3	86.0	0.75	2.0	6.8	2.1	69	400
YE2-160M-6	7.50	10	970	15.9	87.2	0.78	2.0	6.8	2.1	73	400
YE2-160L-6	11.0	15	970	22.7	88.7	0.79	2.0	6.9	2.1	73	400
YE2-180L-6	15.0	20	980	31.4	89.7	0.81	2.0	7.3	2.1	73	400
YE2-200L1-6	18.5	25	980	38.4	90.4	0.81	2.0	7.2	2.1	73	400
YE2-200L2-6	22.0	30	980	44.3	90.9	0.81	2.0	7.3	2.1	73	400
YE2-225M-6	30.0	40	980	59.2	91.7	0.82	2.0	6.8	2.1	74	400
YE2-250M-6	37.0	55	980	70.9	92.2	0.83	2.0	7.0	2.1	76	400
YE2-280S-6	45.0	60	980	85.8	92.7	0.85	2.0	7.2	2.0	78	400
YE2-280M-6	55.0	75	980	104	93.1	0.85	2.0	7.2	2.0	78	400
YE2-315S-6	75.0	100	990	141	93.7	0.86	2.0	6.5	2.0	83	400
YE2-315M-6	90.0	125	990	169	94.0	0.85	2.0	6.6	2.0	83	400
YE2-315L1-6	110	150	990	206	94.3	0.85	2.0	6.6	2.0	83	400
YE2-315L2-6	132	180	990	244	94.6	0.86	2.0	6.6	2.0	83	400
YE2-355M1-6	160	200	990	291	94.8	0.86	2.0	6.7	2.0	85	400
YE2-355M2-6	200	270	990	363	95.0	0.86	2.0	6.8	2.0	85	400
YE2-355L-6	250	340	990	454	95.0	0.86	2.0	6.8	2.0	85	400
SPEED750RPM 8-POLE											
YE2-80M1-8	0.18	0.25	650	0.98	45.9	0.61	1.8	3.3	1.9	62	400
YE2-80M2-8	0.25	0.37	650	0.98	50.6	0.61	1.8	3.3	1.9	62	400
YE2-90S-8	0.37	0.5	675	1.64	56.1	0.61	1.8	4.0	1.9	67	400
YE2-90L-8	0.55	0.75	675	2.22	61.7	0.61	1.8	4.0	2.0	67	400
YE2-100L1-8	0.75	1.0	685	2.57	66.2	0.67	1.8	4.0	2.0	74	400
YE2-100L2-8	1.10	1.5	685	3.42	70.8	0.69	1.8	5.0	2.0	77	400
YE2-112M-8	1.50	2.0	695	4.39	74.1	0.70	1.8	5.0	2.0	79	400
YE2-132S1-8	2.20	3.0	710	6.07	77.6	0.71	1.8	6.0	2.0	79	400
YE2-132S2-8	3.00	4.0	710	7.80	80.0	0.73	1.8	6.0	2.0	81	400
YE2-160M1-8	4.00	5.5	725	10.2	81.9	0.73	1.9	6.0	2.0	81	400
YE2-160M2-8	5.50	7.5	725	13.5	83.8	0.74	1.9	6.0	2.0	81	400
YE2-160L-8	7.50	10	725	17.8	85.3	0.75	1.9	6.0	2.0	83	400
YE2-180L-8	11.0	15	735	25.6	86.9	0.75	2.0	6.5	2.0	84	400
YE2-200L-8	15.0	20	730	34.1	88.0	0.776	2.0	6.6	2.0	84	400
YE2-225S-8	18.5	25	730	41.7	88.6	0.76	1.9	6.6	2.0	86	400
YE2-225M-8	22.0	30	730	48.9	89.1	0.78	1.9	6.6	2.0	89	400
YE2-250M-8	30.0	40	735	64.3	89.8	0.79	1.9	6.5	2.0	91	400
YE2-280S-8	37.0	50	735	78.8	90.3	0.79	1.9	6.6	2.0	91	400
YE2-280M-8	45.0	60	735	95.4	90.7	0.79	1.9	6.6	2.0	92	400
YE2-315S-8	55.0	75	735	113	91.0	0.81	1.8	6.6	2.0	92	400
YE2-315M-8	75.0	100	735	154	91.6	0.81	1.8	6.2	2.0	92	400
YE2-315L1-8	90.0	125	735	181	91.9	0.82	1.8	6.4	2.0	92	400
YE2-315L2-8	110	150	735	221	92.3	0.82	1.8	6.4	2.0	100	400
YE2-355M1-8	132	180	740	264	92.6	0.82	1.8	6.4	2.0	100	400
YE2-355M2-8	160	220	740	319	93.0	0.82	1.8	6.4	2.0	100	400
YE2-355L-8	200	270	740	---	---	---	1.8	6.4	2.0	100	400

YE3(IE3) SERIES

THREE PHASE TEFC ASYNCHRONOUS
CAST IRON MOTOR



PRODUCTS

YE3 series three phase asynchronous motor is complete new designed high efficiency motor with cast iron housing. Its efficiency indicators are in line with IE3 and Australia MEPS2(Level 1B)

CHARACTERISTICS

- Widely applied in general machinery and industries such as pumps & water treatment, road machinery, petroleum, chemical, metallurgy, cement and paper-milling.
- IP55 protection, Class F insulation, B Temperature rise, S1 duty
- Rated voltage 380V/400V/415V, rated frequency 50HZ
- Operation conditions: ambient temperature:-15°C~40°C, altitude ≤1000m
- Y-connection for motors up to 3KW and Δ-connection for 4KW and above
- Cooling method is Ic411
- Frame 80-250 removable feet motor available

MOUNTING ARRANGEMENTS

Type	Basic type of construction	Derivde types of construction				
YE3-80-355	 IM B3 IM 1001	 IM V5 IM 1011	 IM V6 IM 1031	 IM B6 IM 1051	 IM B7 IM 1061	 IM B8 IM 1071
YE3-80-355	 IM B35 IM 2001	 IM V15 IM 2011	 IM V36 IM 2031	 IM 2051	 IM 2061	 IM 2071
YE3-80-160	 IM B34 IM 2101	 IM 2111	 IM 2131	 IM 2151	 IM 2161	 IM 2171
YE3-80-355	 IM B5 IM 3001	 IM V1 IM 3011	 IM V6 IM 3031			
YE3-80-160	 IM B14	 IM V18	 IM V19			



TECHNICAL SPECIFICATIONS(50HZ)

Frame reference and size	Rated Power		Full load speed in revolutions per minute	Full load current at rated voltage	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	Voltage
Type	Output kW	capacity HP	Speed r/min	Amps (A)	Eff %	P.F. CosΦ	LRT/RLT	LRA/RLA	BDT/RLT	NOISE LwdB(A)	Voltage V
SPEED3000RPM 2-POLE											
YE3-80M1-2	0.75	1.0	2890	1.64	80.70	0.820	2.30	7.0	2.3	62	400
YE3-80M2-2	1.10	1.5	2890	2.31	82.70	0.830	2.20	7.3	2.3	62	400
YE3-90S-2	1.50	2.0	2890	3.06	84.20	0.840	2.20	7.6	2.3	67	400
YE3-90L-2	2.20	3.0	2890	4.35	85.90	0.850	2.20	7.6	2.3	67	400
YE3-100L-2	3.00	4.0	2895	5.71	87.10	0.870	2.20	7.8	2.3	74	400
YE3-112M-2	4.00	5.5	2910	7.45	88.10	0.880	2.20	8.3	2.3	77	400
YE3-132S1-2	5.5	7.5	2940	10.10	89.20	0.880	2.00	8.3	2.3	79	400
YE3-132S2-2	7.50	10	2940	13.70	90.10	0.880	2.00	7.9	2.3	79	400
YE3-160M1-2	11.0	15	2950	19.60	91.20	0.890	2.00	8.1	2.3	81	400
YE3-160M2-2	15.0	20	2950	26.50	91.90	0.890	2.00	8.1	2.3	81	400
YE3-160L-2	18.5	25	2950	32.50	92.40	0.890	2.00	8.2	2.3	81	400
YE3-180M-2	22.0	30	2960	38.50	92.70	0.890	2.00	8.2	2.3	83	400
YE3-200L1-2	30.0	40	2965	52.10	93.30	0.890	2.00	7.6	2.3	84	400
YE3-200L2-2	37.0	50	2970	64.00	93.70	0.890	2.00	7.6	2.3	84	400
YE3-225M-2	45.0	60	2970	76.80	94.00	0.900	2.00	7.7	2.3	86	400
YE3-250M-2	55.0	75	2980	93.50	94.30	0.900	2.00	7.7	2.3	89	400
YE3-280S-2	75.0	100	2980	127.00	94.70	0.900	1.80	7.1	2.3	91	400
YE3-280M-2	90.0	125	2980	152.00	95.00	0.900	1.80	7.1	2.3	91	400
YE3-315S-2	110.0	150	2980	185.00	95.20	0.900	1.80	7.1	2.3	92	400
YE3-315M-2	132.0	180	2980	224.00	94.50	0.900	1.80	7.1	2.3	92	400
YE3-315L1-2	160.0	215	2980	265.00	95.60	0.910	1.80	7.2	2.3	92	400
YE3-315L2-2	200.0	270	2980	331.00	95.80	0.910	1.80	7.2	2.2	92	400
YE3-355M-2	250.0	340	2980	414.00	95.80	0.910	1.60	7.2	2.2	100	400
YE3-355L2-2	315.0	430	2980	522.00	95.80	0.910	1.60	7.2	2.2	100	400
SPEED1500RPM 4-POLE											
YE3-80M-4	0.75	1.0	1430	1.75	82.5	0.75	2.3	6.60	2.3	56	400
YE3-90S-4	1.1	1.5	1440	2.48	84.1	0.76	2.3	6.80	2.3	59	400
YE3-90L-4	1.5	2.0	1440	3.30	85.3	0.77	2.3	7.00	2.3	59	400
YE3-100L1-4	2.2	3.0	1455	4.52	86.7	0.81	2.3	7.60	2.3	64	400
YE3-100L2-4	3.0	4.0	1455	6.02	87.7	0.82	2.3	7.60	2.3	64	400
YE3-112M-4	4.0	5.5	1460	7.95	88.6	0.82	2.2	7.80	2.3	65	400
YE3-132S-4	5.5	7.5	1470	10.7	89.6	0.83	2.0	7.90	2.3	71	400
YE3-132M-4	7.5	10	1470	14.3	90.4	0.84	2.0	7.50	2.3	71	400
YE3-160M-4	11.0	15	1470	20.4	91.4	0.85	2.2	7.70	2.3	73	400
YE3-160L-4	15.0	20	1470	27.3	92.1	0.86	2.2	7.80	2.3	73	400
YE3-180M-4	18.5	25	1475	33.5	92.6	0.86	2.0	7.80	2.3	76	400
YE3-180L-4	22.0	30	1475	39.7	93.0	0.86	2.0	7.80	2.3	76	400
YE3-200L-4	30.0	40	1480	53.8	93.6	0.86	2.0	7.80	2.3	76	400
YE3-225S-4	37.0	50	1485	66.1	93.9	0.86	2.0	7.40	2.3	78	400
YE3-225M-4	45.0	60	1485	80.2	94.2	0.86	2.0	7.40	2.3	78	400
YE3-250M-4	55.0	75	1485	97.6	94.6	0.86	2.2	7.40	2.3	79	400
YE3-280S-4	75.0	100	1485	129.0	95.0	0.88	2.0	6.90	2.3	80	400
YE3-280M-4	90.0	120	1485	155.0	95.2	0.88	2.0	6.90	2.3	80	400
YE3-315S-4	110.0	150	1485	187.0	95.4	0.89	2.0	7.00	2.2	88	400
YE3-315M-4	132.0	180	1485	224.0	95.6	0.89	2.0	7.00	2.2	88	400
YE3-315L1-4	160.0	215	1485	271.0	95.8	0.89	2.0	7.10	2.2	88	400
YE3-315L2-4	200.0	270	1485	334.0	96.0	0.90	2.0	7.10	2.2	88	400
YE3-355M-4	250.0	340	1490	418.0	96.0	0.90	2.0	7.10	2.2	95	400
YE3-355L-4	315.0	430	1490	526.0	96.0	0.90	2.0	7.10	2.2	95	400

TECHNICAL SPECIFICATIONS(50HZ)

Frame reference and size	Rated Power		Full load speed in revolutions per minute	Full load current at rated voltage	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	Voltage
Type	Output	capacity	Speed	Amps	Eff	P.F.	LRT/RLT	LRA/RLA	BDT/RLT	Nose	Voltage
	kW	HP	r/min	(A)	%	CosΦ				LwdB(A)	V
SPEED1000RPM 6-POLE											
YE3-80M1-6	0.37	0.5	910	1.2	67.0	0.680	\	\	\	\	400
YE3-80M2-6	0.55	0.8	925	1.6	74.0	0.700	\	\	\	\	400
YE3-90S-6	0.75	1.0	955	1.93	78.9	0.710	2.0	6.0	2.10	57	400
YE3-90L-6	1.10	1.5	955	2.69	81.0	0.730	2.0	6.0	2.10	57	400
YE3-100L-6	1.50	2.0	955	3.60	82.5	0.730	2.0	6.5	2.10	61	400
YE3-112M-6	2.20	3.0	970	5.09	84.3	0.740	2.0	6.6	2.10	65	400
YE3-132S-6	3.00	4.0	970	6.84	85.6	0.740	2.0	6.8	2.10	69	400
YE3-132M1-6	4.00	5.5	970	8.99	86.8	0.740	2.0	6.8	2.10	69	400
YE3-132M2-6	5.50	7.5	970	12.0	88.0	0.750	2.0	7.0	2.10	69	400
YE3-160M-6	7.50	10	980	15.4	89.1	0.790	2.0	7.0	2.10	73	400
YE3-160L-6	11.00	15	980	22.0	90.3	0.800	2.0	7.2	2.10	73	400
YE3-180L-6	15.00	20	980	29.3	91.2	0.810	2.0	7.3	2.10	73	400
YE3-200L1-6	18.50	25	985	36.0	91.7	0.810	2.0	7.3	2.10	73	400
YE3-200L2-6	22.00	30	985	42.5	92.2	0.810	2.0	7.4	2.10	73	400
YE3-225M-6	30.00	40	985	56.2	92.9	0.830	2.0	6.9	2.10	74	400
YE3-250M-6	37.00	50	990	68.1	93.3	0.840	2.0	7.1	2.10	76	400
YE3-280S-6	45.00	60	990	81.6	93.7	0.850	2.0	7.3	2.00	78	400
YE3-280M-6	55.00	75	990	98.1	94.1	0.860	2.0	7.3	2.00	78	400
YE3-315S-6	75.00	100	990	136.0	94.6	0.840	2.0	6.6	2.00	83	400
YE3-315M-6	90.00	125	990	161.0	94.9	0.850	2.0	6.7	2.00	83	400
YE3-315L1-6	110.00	150	990	196.0	95.1	0.850	2.0	6.7	2.00	83	400
YE3-315L2-6	132.00	180	990	232.0	95.4	0.860	2.0	6.8	2.00	83	400
YE3-355M1-6	160.00	215	990	281.0	95.6	0.860	1.8	6.8	2.00	85	400
YE3-355M2-6	200.00	270	990	346.0	95.8	0.870	1.8	6.8	2.00	85	400
YE3-355L1-6	250.00	340	990	433.0	95.8	0.870	1.8	6.8	2.00	85	400
YE3-355L2-6	315.00	430	990	552.0	95.8	0.860	1.8	6.8	2.00	85	400

CONVENTIONAL MOUNTING TYPE AND SUITABLE FRAME SIZE ARE GIVEN IN FOLLOWING TABLE(WITH "✓")

Frame Size	Basic type			derived type											
	B3	B5	B35	V1	V3	V5	V6	B6	B7	B8	V15	V36	B14	B34	V18
80 ~112	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
132~160	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
180~280	✓	✓	✓	✓	—	—	—	—	—	—	—	—	—	—	—
315~355	✓	✓	✓	✓	—	—	—	—	—	—	—	—	—	—	—



MOTOR MOIO
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MIAN CORPORATION

35-36 UMER MARKET, RAILWAY ROAD LAHORE

PAKISTAN

0092 42 37672092

0092 42 37672093

atifzaka@hotmail.com

