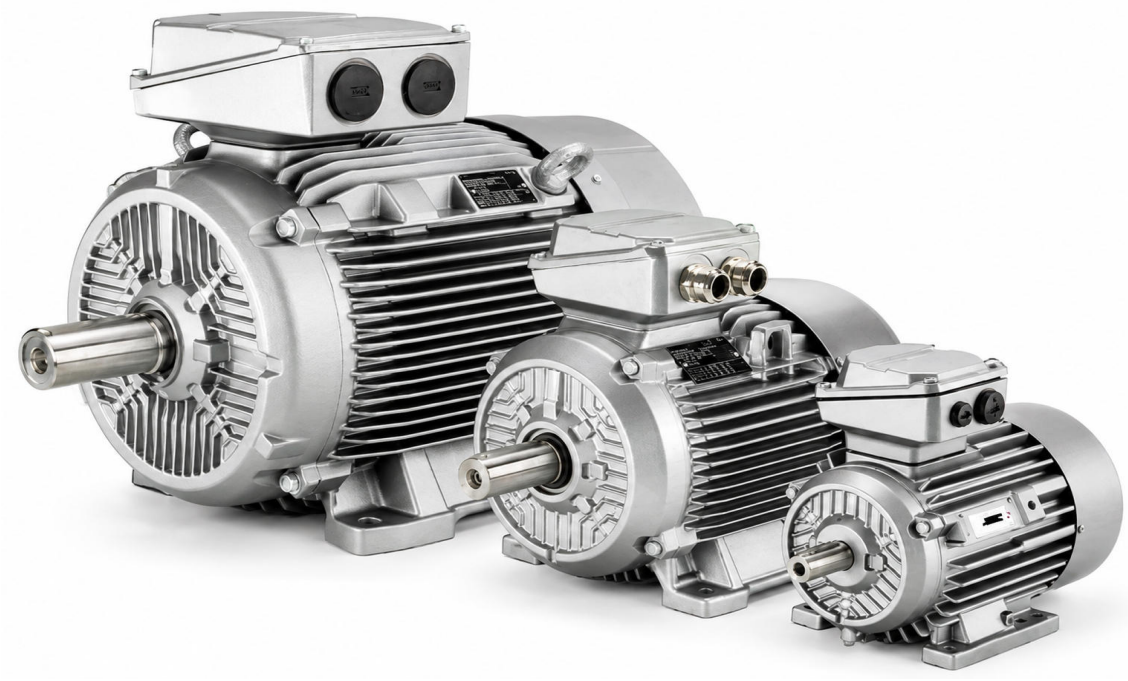


ADM SERIES IE3-IE4 GENERAL PURPOSE MOTORS

BROCHURE

ADD MOTION
INTELLIGENCE IN MOTION

ADM SERIES
IE3 GENERAL PURPOSE MOTORS

The ADM series is a range of totally enclosed fan cooled cast iron construction motors built for general industry application. The simple design and robust construction of the motors make them suitable to meet the tough and demanding applications in various industries.

SPECIFICATIONS

Output:	0.75kW to 500kW (1hp to 475hp)
Pole:	2 to 8 pole
Frame:	IEC 80 – 355
Power supply:	Custom designs for specific supply voltage between 200V to 690V and supply frequency 50Hz or 60Hz.
Ambient:	-20°C to 55°C
Construction:	Cast iron with integrally cast feet
Terminal box:	Cast iron with cable entry
Protection:	IP55 (higher protection class on request)
Insulation:	Class F insulation & Class B temperature rise
Bearings:	Sealed bearings for IEC 80-225
Fan:	Bi-directional fan
Mounting:	All standard mountings B3, B5, B35, V1, B14 and B34

OPTIONAL ACCESSORIES

Space heaters, RTD, cable glands, and canopy for V1 mounting.

APPLICATIONS

- Material handling
- Pumps
- Fans
- Compressors
- Centrifugal roof units

CERTIFICATIONS (ON REQUEST)

PERFORMANCE DATA

Model No.	Frame	Rated (kW)	50 Hz Supply												
			Speed (rpm)	Full Load Amp			Power factor	Efficiency			Starting Current (I_{LR}/ I_{RATED})	Starting Torque (T_{LR}/ T_{RATED})	Breakdown Torque (T_{BD}/ T_{RATED})	Moment of Inertia (kgm^2)	Weight (kg)
				380V	400V	415V		100%	75%	50%					
2 POLE MOTORS															
ADM..80M 2	80M	0.75	2870	1.7	1.6	1.6	0.82	80.7	80.5	78.8	6.5	2.3	2.3	0.0011	18
ADM..80M1 2	80M1	1.1	2875	2.4	2.3	2.2	0.83	82.7	82.5	75.0	6.8	2.2	2.3	0.0019	20
ADM..90S 2	90S	1.5	2880	3.2	3.1	3.0	0.84	84.2	84.0	81.6	7.1	2.2	2.3	0.0024	24
ADM..90L 2	90L	2.2	2880	4.6	4.3	4.2	0.85	85.9	85.8	83.5	7.1	2.2	2.3	0.0031	27
ADM..100L 2	100L	3.0	2880	6.0	5.7	5.5	0.87	87.1	87.0	84.9	7.3	2.2	2.3	0.0051	35
ADM..112M 2	112M	4.0	2915	7.8	7.4	7.2	0.88	88.1	88.0	86.0	8.3	2.2	2.3	0.0082	42
ADM..112M1 2	112M1	5.5	2915	10.6	10.1	9.7	0.88	89.2	89.1	87.5	8.3	2.2	2.3	0.0128	48
ADM..132S 2	132S	5.5	2935	10.6	10.1	9.7	0.88	89.2	89.1	87.5	8.3	2.0	2.3	0.0160	64
ADM..132S1 2	132S1	7.5	2930	14.2	13.5	13.0	0.89	90.1	90.0	88.2	7.9	2.0	2.3	0.0195	70
ADM..160M 2	160M	11	2950	20.6	19.6	18.9	0.89	91.2	91.1	89.6	8.1	2.0	2.3	0.0449	140
ADM..160M1 2	160M1	15	2945	27.9	26.5	25.5	0.89	91.9	91.8	90.4	8.1	2.0	2.3	0.0722	154
ADM..160L 2	160L	18.5	2945	34	32	31	0.89	92.4	92.3	91.0	8.2	2.0	2.3	0.0839	162
ADM..180M 2	180M	22	2950	41	38	37	0.89	92.7	92.6	91.3	8.2	2.0	2.3	0.1257	198
ADM..200L 2	200L	30	2965	55	52	50	0.89	93.3	93.2	92.0	7.6	2.0	2.3	0.1838	260
ADM..200L1 2	200L1	37	2965	67	64	62	0.89	93.7	93.6	92.5	7.6	2.0	2.3	0.2168	280
ADM..225M 2	225M	45	2965	81	77	74	0.90	94.0	93.9	92.9	7.7	2.0	2.3	0.3297	330
ADM..250SM 2	250SM	55	2975	98	94	90	0.90	94.3	94.2	93.3	7.7	2.0	2.3	0.4642	390
ADM..250M 2	250M	75	2975	134	127	122	0.90	94.7	94.6	93.7	7.7	2.0	2.3	0.9786	525
ADM..280SM 2	280SM	75	2975	134	127	122	0.90	94.7	94.6	93.7	7.7	2.0	2.3	0.7256	610
ADM..280SM1 2	280SM1	90	2975	160	152	146	0.90	95.0	94.9	94.0	7.1	1.8	2.3	0.8472	680
ADM..315S 2	315S	110	2975	195	185	179	0.90	95.2	95.1	94.3	7.1	1.8	2.3	1.4745	715
ADM..315SM 2	315SM	132	2985	234	222	214	0.90	95.4	95.3	94.5	7.1	1.8	2.3	1.8727	1050
ADM..315SM1 2	315SM1	160	2985	279	265	256	0.91	95.6	95.6	94.7	7.2	1.8	2.3	2.1536	1080
ADM..315ML 2	315ML	200	2985	349	331	319	0.91	95.8	95.8	95.0	7.2	1.8	2.2	2.6218	1220
ADM..355ML 2	355ML	220	2985	383	364	351	0.91	95.8	95.6	93.7	7.2	1.8	2.2	4.3618	1700
ADM..355ML1 2	355ML1	250	2985	436	414	399	0.91	95.8	95.6	95.4	7.2	1.6	2.2	4.3618	1720
ADM..355ML2 2	355ML2	280	2985	488	464	447	0.91	95.8	95.6	94.4	7.2	1.6	2.2	4.5821	1840
ADM..355ML3 2	355ML3	315	2985	549	522	503	0.91	95.8	95.8	95.5	7.2	1.6	2.2	4.5821	1890
ADM..355ML4 2	355ML4	355	2985	626	594	573	0.90	95.8	95.7	95.5	7.2	1.6	2.2	7.8741	1920
ADM..355J 2	355J	400	2985	705	670	645	0.90	95.8	95.7	94.4	7.0	1.6	2.0	9.3203	2050
ADM..355J1 2	355J1	450	2985	793	753	726	0.90	95.8	95.7	94.4	7.0	1.6	2.0	9.9631	2340
4 POLE MOTORS															
ADM..80M 4	80M	0.75	1430	1.8	1.7	1.7	0.75	82.5	82.3	71.6	6.6	2.3	2.3	0.0028	18
ADM..90S 4	90S	1.1	1430	2.6	2.5	2.4	0.75	84.1	83.9	81.5	6.8	2.3	2.3	0.0040	25
ADM..90L 4	90L	1.5	1430	3.5	3.3	3.2	0.76	85.3	85.2	82.9	7.0	2.3	2.3	0.0052	27
ADM..100L 4	100L	2.2	1440	5.0	4.8	4.6	0.77	86.7	86.6	84.4	7.6	2.3	2.3	0.0098	34
ADM..100L1 4	100L	3.0	1440	6.4	6.1	5.9	0.81	87.7	87.6	85.6	7.6	2.3	2.3	0.0131	39
ADM..112M 4	112M	4.0	1455	8.4	7.9	7.7	0.82	88.6	88.5	86.6	7.8	2.2	2.3	0.0192	45
ADM..132S 4	132S	5.5	1465	11.2	10.7	10.3	0.83	89.6	89.5	88.6	7.9	2.0	2.3	0.0382	70
ADM..132M 4	132M	7.5	1465	15.0	14.3	13.7	0.84	90.4	90.3	89.7	7.5	2.0	2.3	0.0488	80
ADM..160L 4	160L	15	1470	28.8	27.3	26.3	0.86	92.1	92.0	90.6	7.8	2.2	2.3	0.1352	150
ADM..180M 4	180M	18.5	1470	35	34	32	0.86	92.6	92.5	91.2	7.8	2.0	2.3	0.1932	190

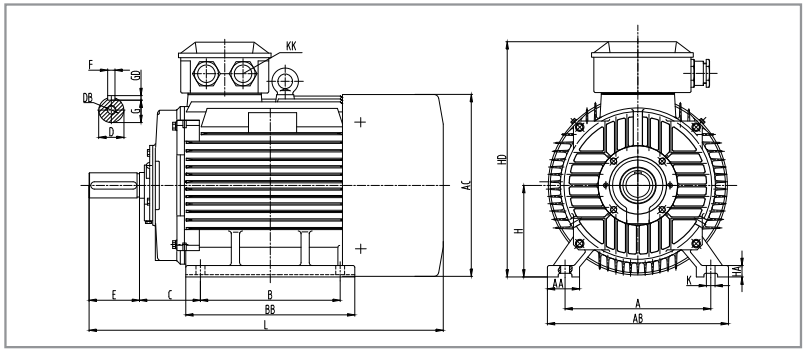
PERFORMANCE DATA

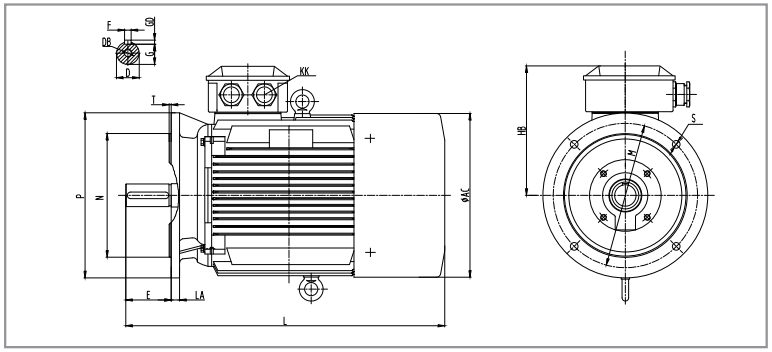
Model No.	Frame	Rated (kW)	50 Hz Supply												Moment of Inertia (kgm^2)	Weight (kg)
			Speed (rpm)	Full Load Amp			Power factor	Efficiency			Starting Current (I_{LR}/I_{RATED})	Starting Torque (T_{LR}/T_{RATED})	Breakdown Torque (T_{BD}/T_{RATED})			
				380V	400V	415V		100%	75%	50%						
4 POLE MOTORS (CONT.)																
ADM..180L 4	180L	22	1470	42	40	38	0.86	93.0	92.9	91.7	7.8	2.0	2.3		0.2450	210
ADM..200L 4	200L	30	1475	57	54	52	0.86	93.6	93.5	92.4	7.3	2.0	2.3		0.3972	280
ADM..225S 4	225S	37	1480	70	66	64	0.86	93.9	93.8	92.7	7.4	2.0	2.3		0.6109	320
ADM..225M 4	225M	45	1480	84	80	77	0.86	94.2	94.1	93.1	7.4	2.0	2.3		0.6942	350
ADM..250SM 4	250SM	55	1485	103	98	94	0.86	94.6	94.5	94.0	7.4	2.2	2.3		0.9861	450
ADM..250M 4	250M	75	1485	139	133	128	0.86	95.0	94.9	94.0	7.4	2.2	2.3		1.2316	510
ADM..280SM 4	280SM	75	1490	136	129	125	0.88	95.0	94.9	94.0	6.9	2.0	2.3		1.7479	600
ADM..280SM1 4	280SM1	90	1490	163	155	149	0.88	95.2	95.1	94.5	6.9	2.0	2.3		2.1536	670
ADM..280SM2 4	280SM2	110	1490	199	189	182	0.88	95.4	95.3	94.7	6.9	2.0	2.3		1.4745	722
ADM..315SM 4	315SM	110	1490	199	189	182	0.88	95.4	95.3	94.7	6.9	2.0	2.3		1.4745	722
ADM..315SM1 4	315SM1	132	1490	236	224	216	0.89	95.6	95.5	94.7	7.0	2.0	2.2		3.9321	1050
ADM..315SM2 4	315SM2	160	1490	285	271	261	0.89	95.8	95.8	95.0	7.1	2.0	2.2		4.5681	1170
ADM..315SM3 4	315SM3	200	1490	356	338	326	0.89	96.0	96.0	95.2	7.1	2.0	2.2		5.4355	1220
ADM..355ML 4	355ML	220	1490	387	368	354	0.90	96.0	96.0	95.3	7.1	2.0	2.2		5.4355	1780
ADM..355ML1 4	355ML1	250	1495	440	418	403	0.90	96.0	96.0	95.5	7.1	2.0	2.2		8.8781	1850
ADM..355ML2 4	355ML2	280	1495	492	468	451	0.90	96.0	96.0	95.5	7.1	2.0	2.2		10.259	1900
ADM..355ML3 4	355ML3	315	1495	554	526	507	0.90	96.0	96.0	95.5	7.1	2.0	2.2		10.259	2000
ADM..355ML4 4	355ML4	355	1490	638	607	585	0.88	96.0	96.0	95.6	7.0	1.7	2.2		12.431	2290
ADM..355J 4	355J	400	1490	719	683	659	0.88	96.0	95.9	95.5	7.0	1.6	2.0		12.431	2300
ADM..355J1 4	355J1	450	1490	809	769	741	0.88	96.0	95.9	95.5	7.0	1.6	2.0		13.387	2500
ADM..355J2 4	355J2	500	1490	899	854	823	0.88	96.0	95.9	95.5	7.0	1.6	2.0		14.797	2600
6 POLE MOTORS																
ADM..90S 6	90S	0.75	945	2.0	1.9	1.9	0.71	78.9	78.7	75.8	6.0	2.1	2.1		0.0055	26
ADM..90L 6	90L	1.1	950	2.8	2.7	2.6	0.73	81.0	79.8	78.1	6.0	2.1	2.1		0.0077	28
ADM..100L 6	100L	1.5	950	3.8	3.6	3.5	0.73	82.5	82.3	79.8	6.5	2.1	2.1		0.0137	36
ADM..112M 6	112M	2.2	965	5.4	5.1	4.9	0.74	84.3	84.2	81.8	6.6	2.1	2.1		0.0208	42
ADM..132S 6	132S	3.0	975	7.2	6.8	6.6	0.74	85.6	85.5	83.3	6.8	2.1	2.1		0.0370	60
ADM..132M 6	132M	4.0	960	9.5	9.0	8.7	0.74	86.8	86.7	84.3	6.8	2.0	2.1		0.0555	72
ADM..132M1 6	132M1	5.5	960	12.7	12.0	11.6	0.75	88.0	87.9	85.7	7.0	2.0	2.1		0.0684	79
ADM..160M 6	160M	7.5	970	16.2	15.4	14.8	0.79	89.1	89.0	87.2	7.0	2.0	2.1		0.1294	125
ADM..160L 6	160L	11	970	23.1	22.0	21.2	0.8	90.3	90.2	88.6	7.2	2.0	2.1		0.1820	155
ADM..180L 6	180L	15	970	31	29.3	28.2	0.81	91.2	91.1	89.6	7.3	2.0	2.1		0.2858	185
ADM..200L 6	200L	18.5	970	38	36	35	0.81	91.7	91.6	90.2	7.3	2.0	2.1		0.4205	240
ADM..200L1 6	200L1	22	970	45	43	41	0.81	92.2	92.1	90.8	7.4	2.0	2.1		0.4852	250
ADM..225SM 6	225M	30	970	59	56	54	0.83	92.9	92.8	91.6	6.9	2.0	2.1		0.6691	300
ADM..250SM 6	250SM	37	980	72	68	66	0.84	93.3	93.2	92.3	7.1	2.0	2.1		1.1694	384
ADM..250M 6	250M	45	980	87	83	80	0.84	93.7	93.6	92.7	7.3	2.0	2.0		1.8486	419
ADM..280SM 6	280SM	55	980	103	98	95	0.86	94.1	94.0	93.3	6.6	2.0	2.0		2.2785	600
ADM..28SM1 6	280SM1	75	980	143	136	131	0.84	94.6	94.5	93.8	6.7	2.0	2.0		2.8152	643
ADM..315SM 6	315SM	90	980	170	161	155	0.85	94.9	94.8	93.9	6.7	2.0	2.0		5.7151	1050
ADM..315SM1 6	315SM1	110	980	207	196	189	0.85	95.1	95.0	94.2	6.8	2.0	2.0		5.9437	1150
ADM..315SM2 6	315SM2	132	980	244	232	224	0.86	95.4	95.3	94.5	6.8	2.0	2.0		7.1630	1180

PERFORMANCE DATA

Model No.	Frame	Rated (kW)	50 Hz Supply												
			Speed (rpm)	Full Load Amp			Power factor	Efficiency			Starting Current (I_{LR}/I_{RATED})	Starting Torque (T_{LR}/T_{RATED})	Breakdown Torque (T_{BD}/T_{RATED})	Moment of Inertia (kgm^2)	Weight (kg)
				380V	400V	415V		100%	75%	50%					
6 POLE MOTORS (CONT.)															
ADM..355ML 6	355ML	160	990	296	281	271	0.86	95.6	95.5	94.4	6.8	1.8	2.0	11.226	1610
ADM..355ML1 6	355ML1	200	990	365	346	334	0.87	95.8	95.7	94.6	6.8	1.8	2.0	13.077	1630
ADM..355ML2 6	355ML2	220	990	401	381	367	0.87	95.8	95.7	94.6	6.8	1.8	2.0	13.570	1720
ADM..355ML3 6	355ML3	250	990	456	433	417	0.87	95.8	95.7	94.6	6.8	1.8	2.0	16.778	2000
ADM..355ML4 6	355ML4	280	990	516	491	473	0.86	95.8	95.7	94.7	6.8	1.8	2.0	22.438	2050
ADM..355ML5 6	355ML5	315	990	581	552	532	0.86	95.8	95.7	94.7	6.8	1.8	2.0	22.438	2300
ADM..355J 6	355J	355	990	655	622	599	0.86	95.8	95.8	94.8	6.5	1.6	2.0	23.702	2510
ADM..355J1 6	355J1	400	990	738	701	675	0.86	95.8	95.8	94.8	6.5	1.6	2.0	23.702	2620
8 POLE MOTORS															
ADM..100L 8	100L	0.75	660	2.3	2.2	2.1	0.67	75.0	75.0	73.1	4.0	1.8	2.0	0.0085	35
ADM..100L1 8	100L1	1.1	690	3.1	3.0	2.9	0.69	77.7	77.5	75.9	5.0	1.8	2.0	0.0111	42
ADM..112M 8	112M	1.5	700	4.1	3.9	3.8	0.69	79.7	79.6	78.1	6.0	1.8	2.0	0.0160	55
ADM..132S 8	132S	2.2	710	5.7	5.5	5.3	0.71	81.9	81.8	79.6	6.0	1.8	2.0	0.0333	70
ADM..132M 8	132M	3.0	710	7.5	7.1	6.8	0.73	83.5	83.4	81.1	6.0	1.8	2.0	0.0462	87
ADM..160M 8	160M	4.0	730	9.8	9.3	9.0	0.73	84.8	84.6	81.2	6.0	1.9	2.0	0.0688	112
ADM..160M1 8	160M1	5.5	725	13.1	12.4	12.0	0.74	86.2	86.1	84.6	6.0	2.0	2.0	0.0971	120
ADM..160L 8	160L	7.5	720	17.4	16.5	15.9	0.75	87.3	87.2	85.9	6.0	2.0	2.0	0.1375	140
ADM..180L 8	180L	11	725	24.8	23.6	22.7	0.76	88.6	88.5	87.3	6.6	2.0	2.0	0.2314	185
ADM..200L 8	200L	15	730	33	32	30.6	0.76	89.6	89.5	87.6	6.6	2.0	2.0	0.3882	225
ADM..225S 8	225S	18.5	730	41	39	38	0.76	90.1	90.0	88.6	6.6	1.9	2.0	0.5987	276
ADM..225M 8	225M	22	730	47	45	43	0.78	90.6	90.5	89.5	6.6	1.9	2.0	0.7044	312
ADM..250SM 8	250SM	30	730	63	60	58	0.79	91.3	91.2	89.6	6.6	1.9	2.0	1.0677	400
ADM..250M 8	250M	37	730	78	74	71	0.79	91.8	91.7	90.5	6.6	1.9	2.0	1.8486	436
ADM..280SM 8	280SM	45	735	94	89	86	0.79	92.2	92.1	91.0	6.6	1.9	2.0	2.1495	665
ADM..280SM1 8	280SM1	55	735	114	109	105	0.79	92.5	92.4	91.7	6.6	1.8	2.0	2.1495	705
ADM..315Sm 8	315SM	75	740	151	144	138	0.81	93.1	93.0	92.4	6.6	1.8	2.0	5.7053	1050
ADM..315SM1 8	315SM1	90	740	179	170	163	0.82	93.4	93.3	92.8	6.6	1.8	2.0	6.7750	1070
ADM..315SM2 8	315SM2	110	740	218	207	199	0.82	93.7	93.6	93.3	6.4	1.8	2.0	8.0231	1090
ADM..355ML 8	355ML	132	740	260	247	238	0.82	94.0	93.9	92.9	6.4	1.8	2.0	12.391	1550
ADM..355ML1 8	355ML1	160	740	314	299	288	0.82	94.3	94.2	93.2	6.4	1.8	2.0	15.111	1590
ADM..355ML2 8	355ML2	200	740	387	368	354	0.83	94.6	94.6	92.8	6.4	1.8	2.0	19.644	1850
ADM..355ML3 8	355ML3	220	740	426	404	390	0.83	94.6	94.6	93.4	6.4	1.8	2.0	19.644	1900
ADM..355J 8	355J	250	740	490	465	448	0.82	94.6	94.6	93.5	6.5	1.8	2.0	21.155	2500
ADM..355J1 8	355J1	280	740	548	521	502	0.82	94.6	94.6	93.5	6.5	1.8	2.0	24.500	2700

DIMENSIONAL DRAWINGS





All images shown my represent the range of product, or for illustration purposes only. Please contact Regal to request a sample or image if required.

Frame	A	AA	AB	AC	B1	B2	BB	C	D	DB	E	F	G	GD	H	HA	HD	K	KK	L	HB	M	P	LA	N	T	S	D.E	N.D.E
80	125	35	160	175	100	-	165	50	19	M6	40	6	15.5	6	80	10	230	4x10	2xM20	320	150	165	200	12	130	3.5	4x12	6204-2Z/C3	6204-2Z/C3
90L	140	38	175	195	125	-	208	56	24	M8	50	8	20	7	90	14	245	4x10	2xM20	380	155	165	200	12	130	3.5	4x12	6205-2Z/C3	6205-2Z/C3
90S	140	38	175	195	100	-	180	56	24	M8	50	8	20	7	90	14	245	4x10	2xM20	350	155	165	200	12	130	3.5	4x12	6205-2Z/C3	6205-2Z/C3
100L	160	42	200	215	140	-	232	63	28	M10	60	8	24	7	100	16	270	4x12	2xM20	440	170	215	250	13	180	4	4x14.5	6206-2Z/C3	6206-2Z/C3
112M	190	45	226	240	140	-	248	70	28	M10	60	8	24	7	112	15	300	4x12	2xM25	465	188	215	250	14	180	4	4x14.5	6206-2Z/C3	6206-2Z/C3
132M	216	55	262	275	178	-	260	89	38	M12	80	10	33	8	132	18	345	4x12	2xM25	550	213	265	300	14	230	4	4x14.5	6208-2Z/C3	6208-2Z/C3
132S	216	55	262	275	140	-	224	89	38	M12	80	10	33	8	132	18	345	4x12	2xM25	505	213	265	300	14	230	4	4x14.5	6208-2Z/C3	6208-2Z/C3
160L	254	65	314	330	254	-	335	108	42	M16	110	12	37	8	160	20	430	4X14.5	2xM25	700	270	300	350	16	250	5	4x14.5	6309/C3	6309/C3
160M	254	65	314	330	210	-	304	108	42	M16	110	12	37	8	160	20	430	4X14.5	2xM25	665	270	300	350	16	250	5	4x14.5	6309/C3	6309/C3
180L	279	70	349	380	279	-	381	121	48	M16	110	14	42.5	9	180	22	465	4X14.5	2xM32	760	285	300	350	15	250	5	4x18.5	6311/C3	6311/C3
180M	279	70	349	380	241	-	349	121	48	M16	110	14	42.5	9	180	22	465	4X14.5	2xM25	720	285	300	350	15	250	5	4x18.5	6311/C3	6311/C3
200L	318	70	388	420	305	-	389	133	55	M20	110	16	49	10	200	25	520	4x18.5	2xM32	815	320	350	400	17	300	5	4x18.5	6312/C3	6312/C3
225M*	356	75	431	470	311	-	393	149	55	M20	110	16	49	10	225	28	570	6x18.5	2xM32	825	345	400	450	20	350	5	8x18.5	6312/C3	6312/C3
225S	356	75	431	470	286	-	368	149	60	M20	140	18	53	11	225	28	570	6x18.5	2xM32	830	345	400	450	20	350	5	8x18.5	6313/C3	6312/C3
225M	356	75	431	470	311	-	393	149	60	M20	140	18	53	11	225	28	570	6x18.5	2xM32	855	345	400	450	20	350	5	8x18.5	6313/C3	6312/C3
250SM*	406	80	484	510	311	349	445	168	60	M20	140	18	53	11	250	30	635	6x24	2xM40	915	385	500	550	22	450	5	8x18.5	6314/C3	6313/C3
250M*	406	80	484	510	-	349	515	168	60	M20	140	18	53	11	250	30	635	6x24	2xM40	990	385	500	550	22	450	5	8x18.5	6314/C3	6314/C3
250SM	406	80	484	510	311	349	445	168	70	M20	140	20	62.5	12	250	30	635	6x24	2xM40	915	385	500	550	22	450	5	8x18.5	6315/C3	6314/C3
250M	406	80	484	510	-	349	515	168	70	M20	140	20	62.5	12	250	30	635	6x24	2xM40	990	385	500	550	22	450	5	8x18.5	6315/C3	6314/C3
280SM*(A)	457	85	542	580	368	419	536	190	65	M20	140	18	58	11	280	35	695	6x24	2xM50	1025	415	500	550	22	450	5	8x18.5	6314/C3	6314/C3
280SM*(B)	457	85	542	580	368	419	536	190	65	M20	140	18	58	11	280	35	695	6x24	2xM50	1045	415	500	550	22	450	5	8x18.5	6314/C3	6314/C3
280SM(A)	457	85	542	580	368	419	536	190	80	M20	170	22	71	14	280	35	695	6x24	2xM50	1065	415	500	550	22	450	5	8x18.5	6317/C3	6314/C3
280SM(B)	457	85	542	580	368	419	536	190	80	M20	170	22	71	14	280	35	695	6x24	2xM50	1075	415	500	550	22	450	5	8x18.5	6317/C3	6314/C3
315ML*	508	120	628	645	457	508	680	216	70	M20	140	20	62.5	12	315	45	870	6x24	2xM63	1285	555	600	660	22	550	6	8x24	6317/C3	6317/C3
315ML	508	120	628	645	457	508	680	216	90	M24	170	25	81	14	315	45	870	6x28	2xM63	1355	555	600	660	22	550	6	8x24	NU319/C3	6319/C3
315SM*(A)	508	120	628	645	406	457	680	216	65	M20	140	18	58	11	315	45	870	6x28	2xM63	1285	555	600	660	22	550	6	8x24	6317/C3	6317/C3
315SM*(B)	508	120	628	645	406	457	680	216	70	M20	140	20	62.5	12	315	45	870	6x28	2xM63	1285	555	600	660	22	550	6	8x24	6317/C3	6317/C3
315SM(A)	508	120	628	645	406	457	680	216	85	M20	170	22	76	14	315	45	870	6x28	2xM63	1355	555	600	660	22	550	6	8x24	NU319/C3	6319/C3
315SM(B)	508	120	628	645	406	457	680	216	90	M24	170	25	81	14	315	45	870	6x28	2xM63	1355	555	600	660	22	550	6	8x24	NU319/C3	6319/C3
355ML*	610	116	726	710	560	630	750	254	90	M24	170	25	81	14	355	52	1030	6x28	2xM80	1545	675	740	800	25	680	6	8x24	6319/C3	6319/C3
355ML	610	116	726	710	560	630	750	254	100	M24	210	28	90	16	355	52	1030	6x28	2xM80	1585	675	740	800	25	680	6	8x24	NU322/C3	6322/C3
355J*	630	135	760	770	800	-	1140	254	90	M24	170	25	81	14	355	52	1150	4x35	7xM63	1900	795	740	800	25	680	6	8x24	6219/C3	6219/C3
355J	630	135	760	770	800	-	1140	254	100	M24	210	28	90	16	355	52	1150	4x35	7xM63	1940	795	740	800	25	680	6	8x24	NU224/C3 + 6224/C3	NU224/C3

(*) stand for 2pole. *(A) stands for standard design.* *(B) stands for "(B)" for increased power design.*

ADM SERIES

IE4 PREMIUM EFFICIENCY MOTORS

ADD MOTION
INTELLIGENCE IN MOTION

ADM series IE4 motors aren't just efficient—they're built to last Advanced materials and designs mean they run cooler reducing wear and tear.
The design and robust construction of the motors make them suitable to meet the tough and demanding applications in various industries.

SPECIFICATIONS

Output:	0.75kW to 500kW (1hp to 475hp)
Pole:	2 to 8 pole
Frame:	IEC 80 – 355
Power supply:	Custom designs for specific supply voltage between 200V to 690V and supply frequency 50Hz or 60Hz.
Ambient:	-20°C to 55°C
Construction:	Cast iron with integrally cast feet
Terminal box:	Cast iron with cable entry
Protection:	IP55 (higher protection class on request)
Insulation:	Class F insulation & Class B temperature rise
Bearings:	Sealed bearings for IEC 80-225
Fan:	Bi-directional fan
Mounting:	All standard mountings B3, B5, B35, V1, B14 and B34

OPTIONAL ACCESSORIES

Space heaters, RTD, cable glands, and canopy for V1 mounting.

CERTIFICATIONS (ON REQUEST)

Performance Data 2P Synchronous Speed 3000 50Hz

Type	Rated Output		Efficiency η%	Power Factor cosφ	A Rated Current		Speed (rpm)	Torque (Nm)	Ts/Tn	Tmax/Tn	Is/In	Momet of intertiea	Weight kg
	KW	HP			380V	400V							
E4-80M1-2	0.75	1	83.5	0.83	1.64	1.56	2890	2.48	2.2	2.3	8.5	0.0016	24
E4-80M2-2	1.1	1.5	85.2	0.83	2.36	2.25	2890	3.63	2.2	2.3	8.5	0.0022	27
E4-90S-2	1.5	2	86.5	0.85	3.10	2.94	2900	4.94	2.2	2.3	9	0.0026	31
E4-90L-2	2.2	3	88.0	0.86	4.42	4.20	2900	7.24	2.2	2.3	9	0.0033	36
E4-100L-2	3	4	89.1	0.87	5.88	5.59	2900	9.88	2.2	2.3	9.5	0.0063	47
E4-112M-2	4	5.5	90.0	0.88	7.67	7.29	2910	13.1	2.2	2.3	9.5	0.0103	60
E4-132S1-2	5.5	7.5	90.9	0.88	10.4	9.92	2940	17.9	2.0	2.3	9.5	0.0175	70
E4-132S2-2	7.5	10	91.7	0.89	14.0	13.3	2940	24.3	2.0	2.3	9.5	0.0237	80
E4-160M1-2	11	15	92.6	0.89	20.3	19.3	2955	35.5	2.0	2.3	9.5	0.0566	128
E4-160M2-2	15	20	93.3	0.89	27.4	26.1	2955	48.5	2.0	2.3	9.5	0.0761	146
E4-160L-2	18.5	25	93.7	0.89	33.7	32.0	2955	59.8	2.0	2.3	9.5	0.0897	170
E4-180M-2	22	30	94.0	0.89	40.0	38.0	2965	70.9	2.0	2.3	9.5	0.1314	210
E4-200L1-2	30	40	94.5	0.89	54.2	51.5	2970	96.5	2.0	2.3	9	0.1932	278
E4-200L2-2	37	50	94.8	0.89	66.6	63.3	2970	119	2.0	2.3	9	0.2168	296
E4-225M-2	45	60	95.0	0.89	80.9	76.8	2975	144	2.0	2.3	9	0.3597	338
E4-250M-2	55	75	95.3	0.89	98.5	93.6	2980	176	2.0	2.3	9	0.4740	430
E4-280S-2	75	100	95.6	0.89	134	127	2980	240	1.8	2.3	8.5	0.7658	563
E4-280M-2	90	125	95.8	0.89	160	152	2980	288	1.8	2.3	8.5	0.9124	605
E4-315S-2	110	150	96.0	0.89	196	186	2985	352	1.8	2.3	8.5	1.717	930
E4-315M-2	132	180	96.2	0.89	234	222	2985	422	1.8	2.3	8.5	1.873	1000
E4-315L1-2	160	220	96.3	0.89	284	270	2985	512	1.8	2.2	8.5	2.153	1060
E4-315L-2	185	250	96.3	0.89	328	312	2985	592	1.8	2.2	8.5	2.466	1130
E4-315L2-2	200	270	96.5	0.89	354	336	2985	640	1.8	2.2	8.5	2.622	1130
E4-355M1-2	220	300	96.5	0.91	381	362	2985	704	1.6	2.2	8.5	3.524	1680
E4-355M-2	250	340	96.5	0.91	433	411	2985	800	1.6	2.2	8.5	4.053	1698
E4-355L1-2	280	375	96.5	0.91	484	460	2985	896	1.6	2.2	8.5	4.252	1760
E4-355L-2	315	430	96.5	0.91	545	518	2985	1008	1.6	2.2	8.5	4.362	1770
E4-3551-2	355	470	96.5	0.90	621	590	2985	1136	0.9	1.8	8.6	4.935	1910

Performance Data 4P Synchronous Speed 1500 50Hz

Type	Rated Output		Efficiency η%	Power Factor cosφ	A Rated Current		Speed (rpm)	Torque (Nm)	Ts/Tn	Tmax/Tn	Is/In	Momet of intertiea	Weight kg
	KW	HP			380V	400V							
E4-80M1-4	0.55	0.75	83.9	0.72	1.38	1.31	1425	3.69	2.3	2.3	8.0	0.0028	25
E4-80M2-4	0.75	1	85.7	0.74	1.80	1.71	1435	4.99	2.3	2.3	8.5	0.0030	28
E4-90S-4	1.1	1.5	87.2	0.75	2.56	2.43	1445	7.27	2.3	2.3	8.5	0.0094	31
E4-90L-4	1.5	2	88.2	0.76	3.40	3.23	1445	10.3	2.3	2.3	9	0.03849	35
E4-100L1-4	2.2	3	89.5	0.79	4.73	4.49	1460	14.4	2.3	2.3	9	0.0098	46
E4-100L2-4	3	4	90.4	0.80	6.30	5.99	1460	19.6	2.3	2.3	9.5	0.0131	52
E4-112M-4	4	5.5	91.1	0.80	8.34	7.92	1460	26.2	2.3	2.3	9.5	0.0192	67
E4-132S-4	5.5	7.5	91.9	0.80	11.4	10.8	1475	35.6	2.0	2.3	9.5	0.0382	76
E4-132M-4	7.5	10	92.6	0.81	15.2	14.4	1475	48.6	2.0	2.3	9.5	0.0488	87
E4-160M-4	11	15	93.3	0.83	21.6	20.5	1475	71.2	2.0	2.3	9.5	0.1255	148
E4-160L-4	15	20	93.9	0.84	28.9	27.4	1475	97.1	2.0	2.3	9.5	0.1545	174
E4-180M-4	18.5	25	94.2	0.85	35.1	33.3	1480	119	2.0	2.3	9.5	0.1932	205
E4-180L-4	22	30	94.5	0.85	41.6	39.5	1480	142	2.0	2.3	9.5	0.2309	225
E4-200L-4	30	40	94.9	0.85	56.5	53.7	1485	193	2.0	2.3	9	0.3597	280
E4-225S-4	37	50	95.2	0.85	69.5	66.0	1485	238	2.0	2.3	9	0.6109	325
E4-225M-4	45	60	95.4	0.85	84.3	80.1	1485	289	2.0	2.3	9	0.7220	356
E4-250M-4	55	75	95.7	0.86	102	96.5	1485	354	2.0	2.3	9	0.8452	436
E4-280S-4	75	100	96.0	0.87	136	130	1490	481	2.0	2.3	8.5	1.810	586
E4-280M-4	90	125	96.1	0.88	162	154	1490	577	2.0	2.3	8.5	2.029	635
E4-315S-4	110	150	96.3	0.89	195	185	1490	707	1.8	2.2	8.5	3.238	935
E4-315M-4	132	180	96.4	0.89	234	222	1490	849	1.8	2.2	8.5	3.643	1004
E4-315L1-4	160	220	96.6	0.90	280	266	1490	1029	1.8	2.2	8.5	4.568	1128
E4-315L-4	185	250	96.6	0.90	323	307	1490	1490	1.8	2.2	8.5	5.031	1150
E4-315L2-4	200	270	96.7	0.90	349	332	1490	1286	1.8	2.2	8.5	5.436	1190
E4-355M1-4	220	300	96.7	0.90	384	365	1490	1410	1.8	2.2	8.5	7.793	1552
E4-355M-4	250	340	96.7	0.90	436	415	1490	1602	1.8	2.2	8.5	8.286	1626
E4-355L1-4	280	375	96.7	0.90	489	464	1490	1795	1.8	2.2	8.5	9.273	1700
E4-355L-4	315	430	96.7	0.90	550	522	1490	2019	1.8	2.2	8.5	10.259	1800
E4-355l-4	355	470	96.7	0.88	634	602	1490	2283	0.9	1.8	8.6	12.232	2050

Performance Data 6P Synchronous Speed 1000 50Hz

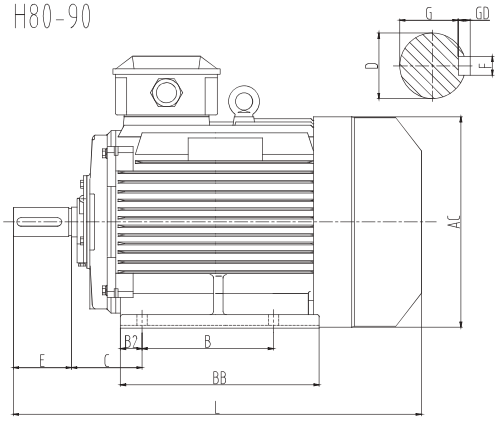
Type	Rated Output		Efficiency η%	Power Factor cosφ	A Rated Current		Speed (rpm)	Torque (Nm)	Ts/Tn	Tmax/Tn	Is/In	Momet of intertiea	Weight kg
	KW	HP			380V	400V							
E4-80M1-6	0.37	0.5	78.0	0.66	1.09	1.04	930	3.80	2.0	2.1	8.5	0.0023	26
E4-80M2-6	0.55	0.75	80.9	0.67	1.54	1.46	930	5.65	2.0	2.1	8.5	0.0036	29
E4-90S-6	0.75	1	82.7	0.70	1.97	1.87	955	7.50	2.1	2.1	7.5	0.0064	31
E4-90L-6	1.1	1.5	84.5	0.70	2.83	2.68	955	10.0	2.1	2.1	7.5	0.0083	38
E4-100L-6	1.5	2	85.9	0.71	3.74	3.55	960	14.9	2.1	2.1	7.5	0.0169	48
E4-112M-6	2.2	3	87.4	0.71	5.39	5.12	970	21.7	2.1	2.1	7.5	0.0262	64
E4-132S-6	3	4	88.6	0.71	7.25	6.88	975	29.4	2.0	2.1	7.5	0.0481	69
E4-132M1-6	4	5.5	89.5	0.72	9.43	8.96	975	39.2	2.0	2.1	7.5	0.0592	79
E4-132M2-6	5.5	7.5	90.5	0.72	12.8	12.2	975	53.9	2.0	2.1	8.0	0.0740	87
E4-160M-6	7.5	10	91.3	0.76	16.4	15.6	980	73.1	2.0	2.1	8.0	0.1497	134
E4-160L-6	11	15	92.3	0.77	23.5	22.3	980	107	2.0	2.1	8.5	0.1942	166
E4-180L-6	15	20	92.9	0.80	30.7	29.1	985	145	2.0	2.1	8.5	0.3199	201
E4-200L1-6	18.5	25	93.4	0.80	37.6	35.7	985	179	2.0	2.1	8.5	0.4853	281
E4-200L2-6	22	30	93.7	0.81	44.0	41.8	985	213	2.0	2.1	8.5	0.5715	312
E4-225M-6	30	40	94.2	0.82	59.0	56.1	985	291	2.0	2.1	8.3	0.7924	325
E4-250M-6	37	50	94.5	0.83	71.7	68.1	990	357	2.0	2.1	8.3	1.17	402
E4-280S-6	45	60	94.8	0.83	86.9	82.6	990	434	2.0	2.0	8.5	1.892	510
E4-280M-6	55	75	95.1	0.84	105	99.8	990	531	2.0	2.0	8.5	2.28	554
E4-315S-6	75	100	95.4	0.84	142	135	990	723	1.6	2.0	8.0	4.27	870
E4-315M-6	90	125	95.6	0.85	168	160	990	868	1.6	2.0	8.0	5.33	990
E4-315L1-6	110	150	95.8	0.85	205	195	990	1061	1.6	2.0	8.0	6.02	1063
E4-315L2-6	132	180	96.0	0.86	243	231	990	1273	1.6	2.0	8.0	7.16	1148
E4-355M1-6	160	220	96.2	0.86	294	279	990	1543	1.6	2.0	8.0	11.3	1620
E4-355M-6	185	250	96.2	0.86	340	323	990	1785	1.6	2.0	8.0	14.3	1800
E4-355M2-6	200	270	96.3	0.86	367	349	990	1929	1.6	2.0	8.0	14.5	1820
E4-355L1-6	220	300	96.3	0.86	404	383	990	2122	1.6	2.0	8.0	15.3	1857
E4-355L-6	250	340	96.5	0.86	458	435	990	2412	1.6	2.0	8.0	16.0	1860
E4-3551-6	280	375	96.6	0.82	537	510	990	2701	0.9	2.0	8.0	17.0	2050

Performance Data 8P Synchronous Speed 750 50Hz

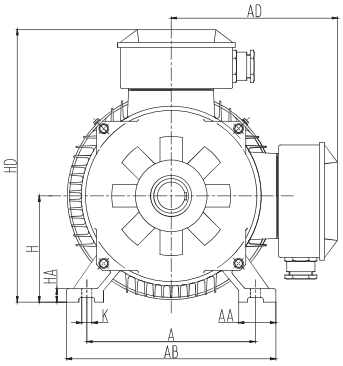
Type	Rated Output		Efficiency η%	Power Factor cosφ	A Rated Current		Speed (rpm)	Torque (Nm)	Ts/Tn	Tmax/Tn	Is/In	Momet of intertiea	Weight kg
	KW	HP			380V	400V							
E4-112M-8	1.5	3	82.6	0.69	4.00	3.80	700	20.5	2.0	2.0	7.0	0.0176	57
E4-132S-8	2.2	4	84.5	0.70	5.65	5.37	710	29.6	1.8	2.0	7.5	0.0407	75
E4-132M-8	3	4	85.9	0.70	7.58	7.20	710	40.4	1.8	2.0	7.8	0.0517	91
E4-160M1-8	4	5.5	87.1	0.71	9.83	9.34	730	52.3	1.8	2.0	7.9	0.0971	133
E4-160M2-8	5.5	7.5	88.3	0.72	13.1	12.5	725	72.4	1.8	2.0	8.1	0.13751	135
E4-160L-8	7.5	10	89.3	0.74	17.2	16.4	720	99.5	1.8	2.0	7.8	0.1537	147
E4-180L-8	11	15	90.4	0.74	25.0	23.7	725	145	1.8	2.0	7.9	0.2450	191
E4-200L-8	15	20	91.2	0.75	33.3	31.7	730	196	1.8	2.0	8.0	0.4098	249
E4-225S-8	18.5	25	91.7	0.75	40.9	38.8	730	242	1.8	2.0	8.1	0.6691	291
E4-225M-8	22	30	92.1	0.76	47.8	45.4	730	288	1.8	2.0	8.3	0.7396	322
E4-250M-8	30	40	92.7	0.77	63.9	60.7	730	392	1.8	2.0	7.9	1.322	440
E4-280S-8	37	50	93.1	0.78	77.4	73.5	735	481	1.8	2.0	7.9	2.021	576
E4-280M-8	45	60	93.4	0.78	93.9	89.2	735	585	1.8	2.0	7.9	2.579	715
E4-315S-8	55	75	93.7	0.80	111	106	740	710	1.6	2.0	8.2	5.616	1010
E4-315M-8	75	100	94.2	0.80	151	144	740	968	1.6	2.0	7.6	6.008	1104
E4-315L1-8	90	125	94.4	0.81	179	170	740	1161	1.6	2.0	7.7	7.844	1135
E4-315L2-8	110	150	94.7	0.81	218	207	740	1420	1.6	2.0	7.7	8.557	1160
E4-355M1-8	132	180	94.9	0.81	261	248	740	1704	1.6	2.0	7.7	13.75	1596
E4-355M2-8	160	220	95.1	0.82	312	296	740	2065	1.6	2.0	7.7	15.71	1635
E4-355L-8	200	270	95.4	0.82	388	369	740	2581	1.6	2.0	7.8	21.15	2060

Motor Installation and Boundary Dimensions B3

H80-90



H80-100



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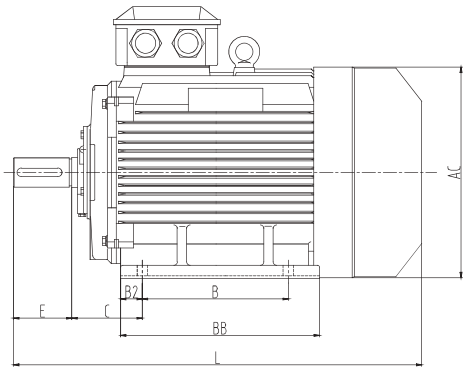

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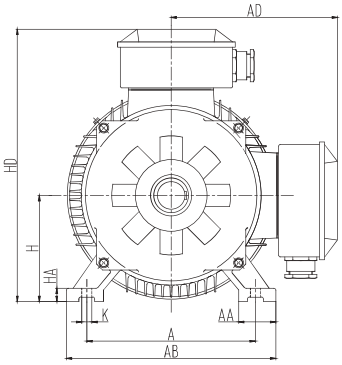

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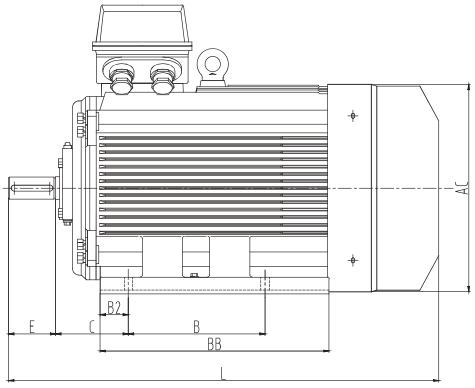
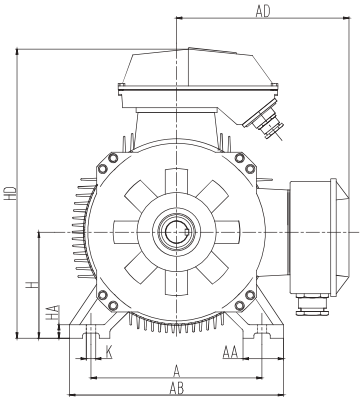


H315-355

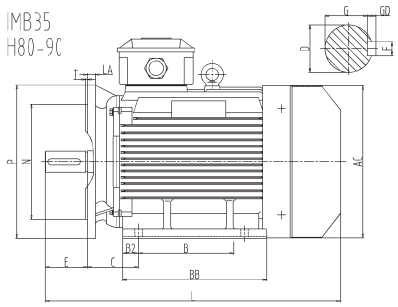


H315-355

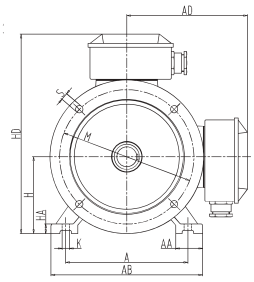
Motor Installation and Boundary Dimensions B3

Type	Pole	A	B	B2	C	D	F	GD	G	E	H	K	AA	AB	AC	AD	BB	HA	HD	L
80M	2,4,6	125	100	15	50	19	6	6	15.5	40	80	10	34	160	175	150	167	10	230	330
90S	2,4,6	140	100	20	56	24	8	7	20	50	90	10	36	176	205	155	180	12	245	350
90L	2,4,6	140	125	20	56	24	8	7	20	50	90	10	36	176	205	155	210	12	245	380
100L	2,4,6	160	140	18	63	28	8	7	24	60	100	12	40	200	215	170	233	14	270	440
112M	2,4,6,8	190	140	20	70	28	8	7	24	60	112	12	45	226	240	193	248	15	315	470
132S	2,4,6,8	216	140	22	89	38	10	8	33	80	132	12	55	262	275	213	266	18	345	545
132M	4,6,8	216	178	22	89	38	10	8	33	80	132	12	55	262	275	213	266	18	345	545
160M	2	254	210	25	108	42	12	8	37	110	160	14.5	65	314	330	265	304	20	430	680
160M	4,6,8	254	210	25	108	42	12	8	37	110	160	14.5	65	314	330	265	340	20	430	715
160L	2,4,6,8	254	254	25	108	42	12	8	37	110	160	14.5	65	314	330	265	340	20	430	715
180M	2,4	279	241	33	121	48	14	9	42.5	110	180	14.5	70	349	380	280	345	22	470	740
180L	4,6,8	279	279	33	121	48	14	9	42.5	110	180	14.5	70	349	380	280	383	22	470	780
200L	2,4,6,8	318	305	32	133	55	16	10	49	110	200	18.5	70	388	420	315	389	25	520	850
225M	2	356	311	45	149	55	16	10	49	110	225	18.5	75	431	470	345	390	28	570	820
225S	4,8	356	286	45	149	60	18	11	53	140	225	18.5	75	431	470	345	390	28	570	855
225M	4,6,8	356	311	45	149	60	18	11	53	140	225	18.5	75	431	470	345	390	28	570	855
250M	2	406	349	52	168	60	18	11	53	140	250	24	80	484	510	380	440	30	635	955
250M	4,6,8	406	349	52	168	65	18	11	58	140	250	24	80	484	510	380	440	30	635	955
280S	2	457	368	68	190	65	18	11	58	140	280	24	85	542	580	410	530	35	695	1060
280S	4,6,8	457	368	68	190	75	20	12	67.5	140	280	24	85	542	580	410	530	35	695	1060
280M	2	457	419	68	190	65	18	11	58	140	280	24	85	542	580	410	530	35	695	1060
280M	4,6,8	457	419	68	190	75	20	12	67.5	140	280	24	85	542	580	410	530	35	695	1060
315S	2	508	406	84	216	65	18	11	58	140	315	28	120	628	645	550	570	45	870	1190
315S	4,6,8	508	406	84	216	80	22	14	71	170	315	28	120	628	645	550	570	45	870	1250
315M	2	508	457	84	216	65	18	11	58	140	315	28	120	628	645	550	680	45	870	1300
315M	4,6,8	508	457	84	216	80	22	14	71	170	315	28	120	628	645	550	680	45	870	1360
315L	2	508	508	84	216	65	18	11	58	140	315	28	120	628	645	550	680	45	870	1300
315L	4,6,8	508	508	84	216	80	22	14	71	170	315	28	120	628	645	550	680	45	870	1360
355M	2	610	560	68	254	75	20	12	67.5	140	355	28	116	726	710	665	750	52	1030	1520
355M	4,6,8	610	560	68	254	95	25	14	86	170	355	28	116	726	710	665	750	52	1030	1550
355L	2	610	560	68	254	75	20	12	67.5	140	355	28	116	726	710	665	750	52	1030	1520
355L	4,6,8	610	630	68	254	95	25	14	86	170	355	28	116	726	710	665	750	52	1030	1550
3551	2	610	560	68	254	75	20	12	67.5	140	355	28	116	726	710	665	750	52	1030	1660
3551	4,6	610	630	68	254	95	25	14	86	170	355	28	116	726	710	665	750	52	1030	1690

Installation and overall dimensions of motor B35



H80-100



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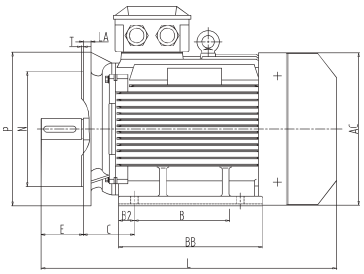
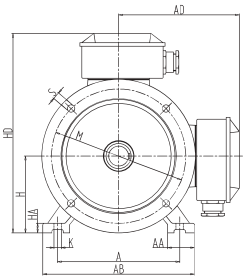


H112-200



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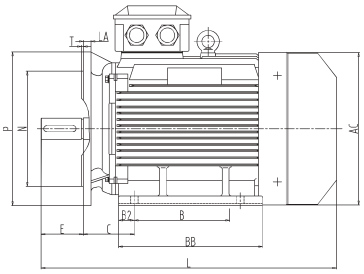
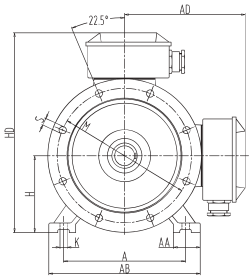


H225-280



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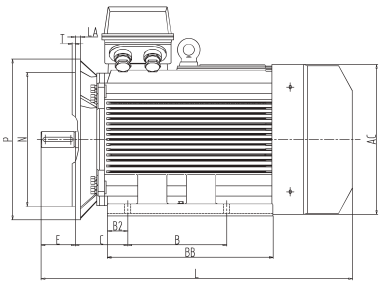
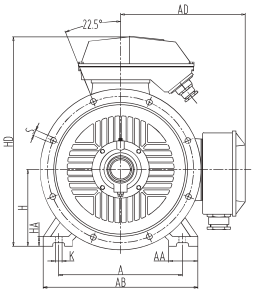


H315-355



H315-355

Installation and overall dimensions of motor B35

Type	Pole	A	B	B2	C	D	F	GD	G	E	H	K	M	N	P	S	AA	AB	AC	AD	BB	HA	HD	LA	T	L
80M	2,4,6	125	100	15	50	19	6	6	15.5	40	80	10	165	130	200	4-Φ12	34	160	175	150	167	10	230	12	3.5	330
90S	2,4,6	140	100	20	56	24	8	7	20	50	90	10	165	130	200	4-Φ12	36	176	205	155	180	12	245	12	3.5	350
90L	2,4,6	140	125	20	56	24	8	7	20	50	90	10	165	130	200	4-Φ12	36	176	205	155	210	12	245	12	3.5	380
100L	2,4,6	160	140	18	63	28	8	7	24	60	100	12	215	180	250	4-Φ14.5	40	200	215	170	233	14	270	13	4	440
112M	2,4,6,8	190	140	20	70	28	8	7	24	60	112	12	215	180	250	4-Φ14.5	45	226	240	193	248	15	315	14	4	470
132S	2,4,6,8	216	140	22	89	38	10	8	33	80	132	12	265	230	300	4-Φ14.5	55	262	275	213	266	18	345	14	4	545
132M	4,6,8	216	178	22	89	38	10	8	33	80	132	12	265	230	300	4-Φ14.5	55	262	275	213	266	18	345	14	4	545
160M	2	254	210	25	108	42	12	8	37	110	160	14.5	300	250	350	4-Φ18.5	65	314	330	265	304	20	430	16	5	680
160M	4,6,8	254	210	25	108	42	12	8	37	110	160	14.5	300	250	350	4-Φ18.5	65	314	330	265	340	20	430	16	5	715
160L	2,4,6,8	254	254	25	108	42	12	8	37	110	160	14.5	300	250	350	4-Φ18.5	65	314	330	265	340	20	430	16	5	715
180M	2,4	279	241	33	121	48	14	9	42.5	110	180	14.5	300	250	350	4-Φ18.5	70	349	380	280	345	22	470	15	5	740
180L	4,6,8	279	279	33	121	48	14	9	42.5	110	180	14.5	300	250	350	4-Φ18.5	70	349	380	280	383	22	470	15	5	780
200L	2,4,6,8	318	305	32	133	55	16	10	49	110	200	18.5	350	300	400	4-Φ18.5	70	388	420	315	389	25	520	17	5	850
225M-2	2	356	311	45	149	55	16	10	49	110	225	18.5	400	350	450	8-Φ18.5	75	431	470	345	390	28	570	20	5	820
225S-4	4,8	356	286	45	149	60	18	11	53	140	225	18.5	400	350	450	8-Φ18.5	75	431	470	345	390	28	570	20	5	855
225M	4,6,8	356	311	45	149	60	18	11	53	140	225	18.5	400	350	450	8-Φ18.5	75	431	470	345	390	28	570	20	5	855
250M-2	2	406	349	52	168	60	18	11	53	140	250	24	500	450	550	8-Φ18.5	80	484	510	380	440	30	635	22	5	955
250M-4	4,6,8	406	349	52	168	65	18	11	58	140	250	24	500	450	550	8-Φ18.5	80	484	510	380	440	30	635	22	5	955
280S-2	2	457	368	68	190	65	18	11	58	140	280	24	500	450	550	8-Φ18.5	85	542	580	410	530	35	695	22	5	1060
280S-4	4,6,8	457	368	68	190	75	20	12	67.5	140	280	24	500	450	550	8-Φ18.5	85	542	580	410	530	35	695	22	5	1060
280M-2	2	457	419	68	190	65	18	11	58	140	280	24	500	450	550	8-Φ18.5	85	542	580	410	530	35	695	22	5	1060
280M-4	4,6,8	457	419	68	190	75	20	12	67.5	140	280	24	500	450	550	8-Φ18.5	85	542	580	410	530	35	695	22	5	1060
315S	2	508	406	84	216	65	18	11	58	140	315	28	600	550	660	8-Φ24	120	628	645	550	570	45	870	22	6	1190
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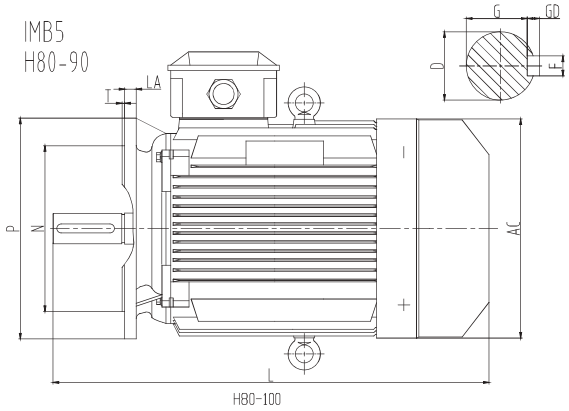
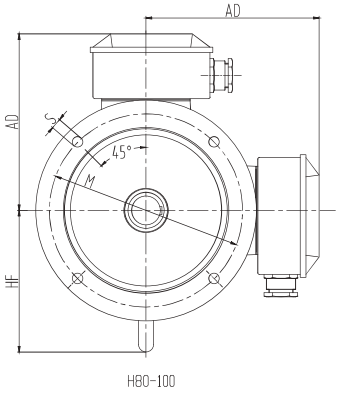
315M	2	508	457	84	216	65	18	11	58	140	315	28	600	550	660	8-Φ24	120	628	645	550	680	45	870	22	6	1300
315M	4,6,8	508	457	84	216	80	22	14	71	170	315	28	600	550	660	8-Φ24	120	628	645	550	680	45	870	22	6	1360
315L	2	508	508	84	216	65	18	11	58	140	315	28	600	550	660	8-Φ24	120	628	645	550	680	45	870	22	6	1300
315L	4,6,8	508	508	84	216	80	22	14	71	170	315	28	600	550	660	8-Φ24	120	628	645	550	680	45	870	22	6	1360
355M	2	610	560	68	254	75	20	12	67.5	140	355	28	740	680	800	8-Φ24	116	726	710	665	750	52	1030	25	6	1520
355M	4,6,8	610	560	68	254	95	25	14	86	170	355	28	740	680	800	8-Φ24	116	726	710	665	750	52	1030	25	6	1550
355L	2	610	560	68	254	75	20	12	67.5	140	355	28	740	680	800	8-Φ24	116	726	710	665	750	52	1030	25	6	1520
355L	4,6,8	610	630	68	254	95	25	14	86	170	355	28	740	680	800	8-Φ24	116	726	710	665	750	52	1030	25	6	1550
3551	2	610	560	68	254	75	20	12	67.5	140	355	28	740	680	800	8-Φ24	116	726	710	665	750	52	1030	25	6	1660
3551	4,6	610	630	68	254	95	25	14	86	170	355	28	740	680	800	8-Φ24	116	726	710	665	750	52	1030	25	6	1690

Installation and overall dimensions of motor B5 (H80~280)



H80-100



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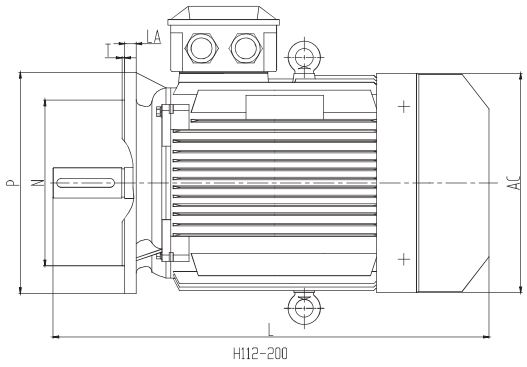
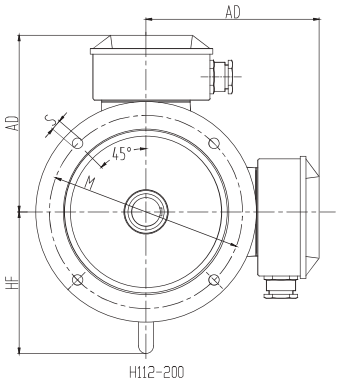


H112-200



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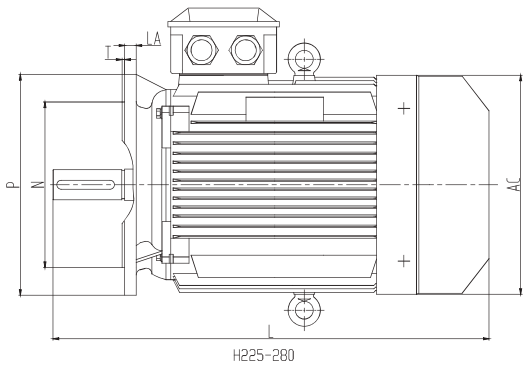
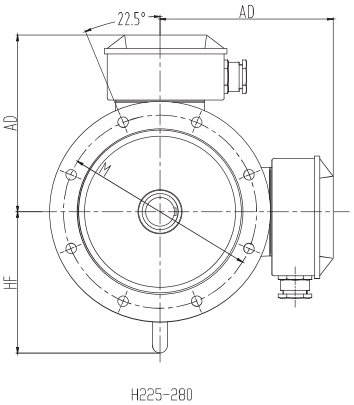


H225-280



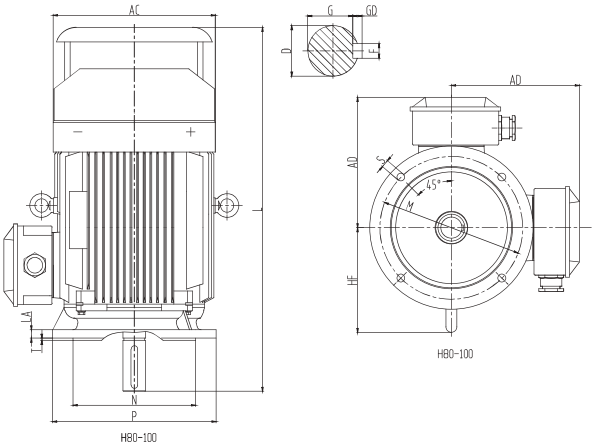
H225-280

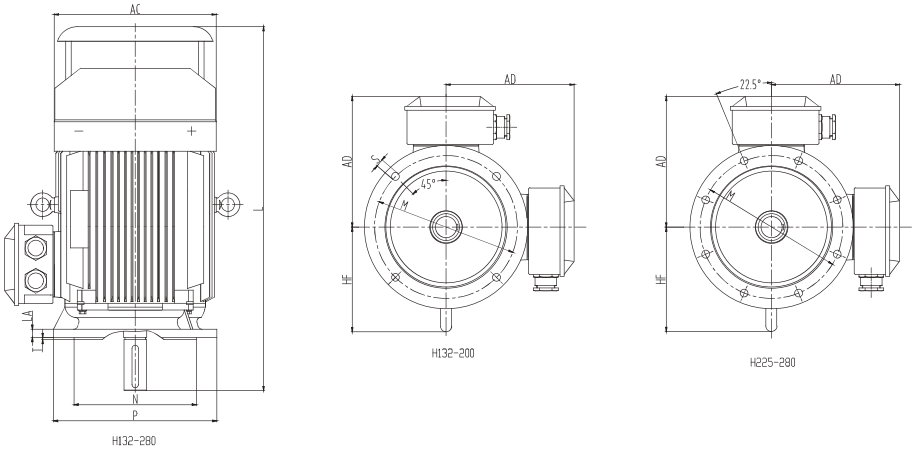
Installation and overall dimensions of motor B5 (H80~280)

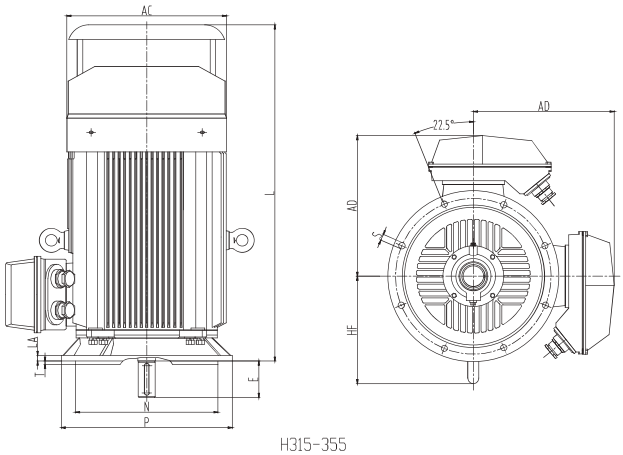
Type	Pole	C	D	F	GD	G	E	H	M	N	P	S	AC	AD	HF	LA	T	L
80M	2,4,6	50	19	6	6	15.5	40	80	165	130	200	4-Φ12	175	150	-	12	3.5	330
90S	2,4,6	56	24	8	7	20	50	90	165	130	200	4-Φ12	205	155	-	12	3.5	350
90L	2,4,6	56	24	8	7	20	50	90	165	130	200	4-Φ12	205	155	-	12	3.5	380
100L	2,4,6	63	28	8	7	24	60	100	215	180	250	4-Φ14.5	215	170	145	13	4	440
112M	2,4,6,8	70	28	8	7	24	60	112	215	180	250	4-Φ14.5	240	193	155	14	4	470
132S	2,4,6,8	89	38	10	8	33	80	132	265	230	300	4-Φ14.5	275	213	180	14	4	545
132M	4,6,8	89	38	10	8	33	80	132	265	230	300	4-Φ14.5	275	213	180	14	4	545
160M	2	108	42	12	8	37	110	160	300	250	350	4-Φ18.5	330	265	230	16	5	680
160M	4,6,8	108	42	12	8	37	110	160	300	250	350	4-Φ18.5	330	265	230	16	5	715
160L	2,4,6,8	108	42	12	8	37	110	160	300	250	350	4-Φ18.5	330	265	230	16	5	715
180M	2,4	121	48	14	9	42.5	110	180	300	250	350	4-Φ18.5	380	280	240	15	5	740
180L	4,6,8	121	48	14	9	42.5	110	180	300	250	350	4-Φ18.5	380	280	240	15	5	780
200L	2,4,6,8	133	55	16	10	49	110	200	350	300	400	4-Φ18.5	420	315	265	17	5	850
225M	2	149	55	16	10	49	110	225	400	350	450	8-Φ18.5	470	345	290	20	5	820
225S	4,8	149	60	18	11	53	140	225	400	350	450	8-Φ18.5	470	345	290	20	5	855
225M	4,6,8	149	60	18	11	53	140	225	400	350	450	8-Φ18.5	470	345	290	20	5	855
250M	2	168	60	18	11	53	140	250	500	450	550	8-Φ18.5	510	380	320	22	5	955
250M	4,6,8	168	65	18	11	58	140	250	500	450	550	8-Φ18.5	510	380	320	22	5	955
280S	2	190	65	18	11	58	140	280	500	450	550	8-Φ18.5	580	410	368	22	5	1060
280S	4,6,8	190	75	20	12	67.5	140	280	500	450	550	8-Φ18.5	580	410	368	22	5	1060
280M	2	190	65	18	11	58	140	280	500	450	550	8-Φ18.5	580	410	368	22	5	1060
280M	4,6,8	190	75	20	12	67.5	140	280	500	450	550	8-Φ18.5	580	410	368	22	5	1060

Installation and overall dimensions motor V1 (H80~355)

IMV1
H80-90



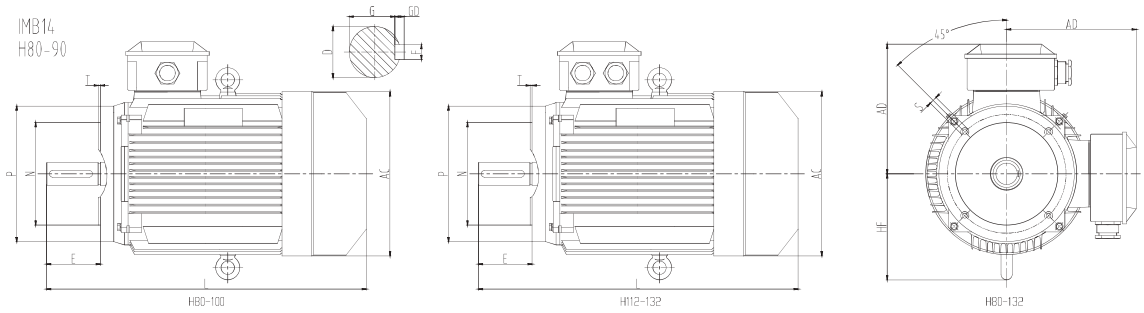




Installation and overall dimensions motor V1 (H80~355)

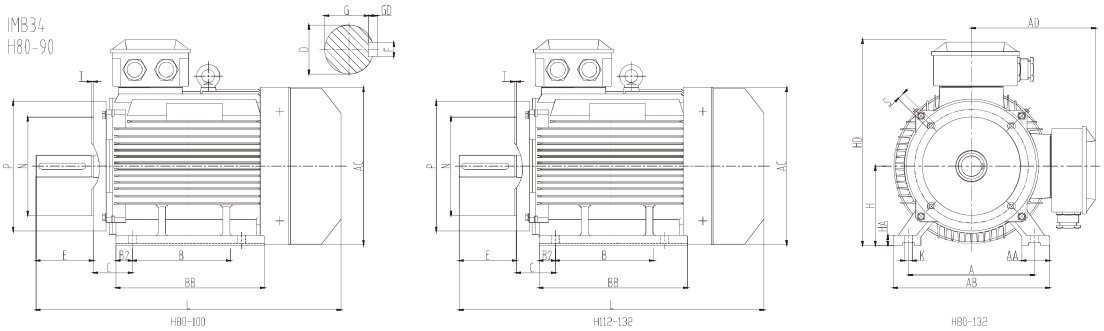
Type	Pole	C	D	F	GD	G	E	H	M	N	P	S	AC	AD	HF	LA	T	L
80M	2,4,6	50	19	6	6	15.5	40	80	165	130	200	4-Φ12	175	150	-	12	3.5	380
90S	2,4,6	56	24	8	7	20	50	90	165	130	200	4-Φ12	205	155	-	12	3.5	410
90L	2,4,6	56	24	8	7	20	50	90	165	130	200	4-Φ12	205	155	-	12	3.5	440
100L	2,4,6	63	28	8	7	24	60	100	215	180	250	4-Φ14.5	215	170	145	13	4	500
112M	2,4,6,8	70	28	8	7	24	60	112	215	180	250	4-Φ14.5	240	193	155	14	4	530
132S	2,4,6,8	89	38	10	8	33	80	132	265	230	300	4-Φ14.5	275	213	180	14	4	565
132M	4,6,8	89	38	10	8	33	80	132	265	230	300	4-Φ14.5	275	213	180	14	4	605
160M	2	108	42	12	8	37	110	160	300	250	350	4-Φ18.5	330	265	230	16	5	780
160M	4,6,8	108	42	12	8	37	110	160	300	250	350	4-Φ18.5	330	265	230	16	5	815
160L	2,4,6,8	108	42	12	8	37	110	160	300	250	350	4-Φ18.5	330	265	230	16	5	815
180M	2,4	121	48	14	9	42.5	110	180	300	250	350	4-Φ18.5	380	280	240	15	5	840
180L	4,6,8	121	48	14	9	42.5	110	180	300	250	350	4-Φ18.5	380	280	240	15	5	880
200L	2,4,6,8	133	55	16	10	49	110	200	350	300	400	4-Φ18.5	420	315	265	17	5	920
225M	2	149	55	16	10	49	110	225	400	350	450	8-Φ18.5	470	345	290	20	5	920
225S	4,8	149	60	18	11	53	140	225	400	350	450	8-Φ18.5	470	345	290	20	5	950
225M	4,6,8	149	60	18	11	53	140	225	400	350	450	8-Φ18.5	470	345	290	20	5	950
250M	2	168	60	18	11	53	140	250	500	450	550	8-Φ18.5	510	380	320	22	5	1050
250M	4,6,8	168	65	18	11	58	140	250	500	450	550	8-Φ18.5	510	380	320	22	5	1050
280S	2	190	65	18	11	58	140	280	500	450	550	8-Φ18.5	580	410	368	22	5	1160
280S	4,6,8	190	75	20	12	67.5	140	280	500	450	550	8-Φ18.5	580	410	368	22	5	1160
280M	2	190	65	18	11	58	140	280	500	450	550	8-Φ18.5	580	410	368	22	5	1160
280M	4,6,8	190	75	20	12	67.5	140	280	500	450	550	8-Φ18.5	580	410	368	22	5	1160
315S	2	216	65	18	11	58	140	315	600	550	660	8-Φ24	645	550	430	22	6	1310
315S	4,6,8	216	80	22	14	71	170	315	600	550	660	8-Φ24	645	550	430	22	6	1390
315M	2	216	65	18	11	58	140	315	600	550	660	8-Φ24	645	550	430	22	6	1310
315M	4,6,8	216	80	22	14	71	170	315	600	550	660	8-Φ24	645	550	430	22	6	1390
315L	2	216	65	18	11	58	140	315	600	550	660	8-Φ24	645	550	430	22	6	1420
315L	4,6,8	216	80	22	14	71	170	315	600	550	660	8-Φ24	645	550	430	22	6	1500
355M	2	254	75	20	12	67.5	140	355	740	680	800	8-Φ24	710	665	490	25	6	1660
355M	4,6,8	254	95	25	14	86	170	355	740	680	800	8-Φ24	710	665	490	25	6	1690
355L	2	254	75	20	12	67.5	140	355	740	680	800	8-Φ24	710	665	490	25	6	1660
355L	4,6,8	254	95	25	14	86	170	355	740	680	800	8-Φ24	710	665	490	25	6	1690
3551	2	254	75	20	12	67.5	140	355	d740	680	800	8-Φ24	710	665	490	25	6	1800
3551	4,6	254	95	25	14	86	170	355	740	680	800	8-Φ24	710	665	490	25	6	1830

Installation and overall dimensions motor B14 (H80~132)



Type	Pole	C	D	F	GD	G	E	H	M	N	P	S	AC	AD	HF	T	L
80M	2,4,6	50	19	6	6	15.5	40	80	100	80	120	4-M6	170	150	-	3.5	320
90S	2,4,6	56	24	8	7	20	50	90	115	95	140	4-M8	195	155	-	3.5	350
90L	2,4,6	56	24	8	7	20	50	90	115	95	140	4-M8	195	155	-	3.5	380
100L	2,4,6	63	28	8	7	24	60	100	130	110	160	4-M8	215	170	145	4	440
112M	2,4,6,8	70	28	8	7	24	60	112	130	110	160	4-M8	240	193	155	4	470
132S	2,4,6,8	89	38	10	8	33	80	132	165	130	200	4-M8	275	213	180	4	505
132M	4,6,8	89	38	10	8	33	80	132	165	130	200	4-M8	275	213	180	4	545

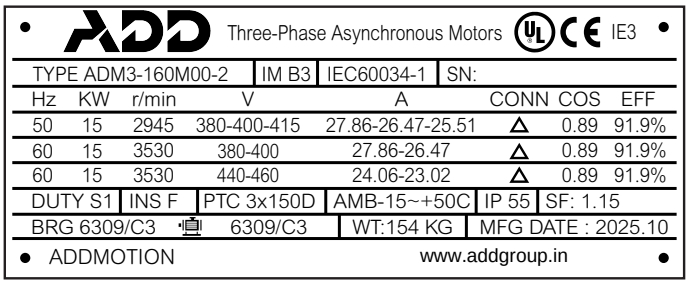
Installation and overall dimensions motor B34 (H80~132)



Type	Pole	A	B	B2	C	D	F	GD	G	E	H	K	M	N	P	S	AA	AB	AC	AD	BB	HA	HD	T	L
80M	2,4,6	125	100	15	50	19	6	6	15.5	40	80	10	100	80	120	4-M6	34	160	170	150	167	10	230	3.5	320
90S	2,4,6	140	100	20	56	24	8	7	20	50	90	10	115	95	140	4-M8	36	176	195	155	180	12	245	3.5	350
90L	2,4,6	140	125	20	56	24	8	7	20	50	90	10	115	95	140	4-M8	36	176	195	155	210	12	245	3.5	380
100L	2,4,6	160	140	18	63	28	8	7	24	60	100	12	130	110	160	4-M8	40	200	215	170	233	14	270	4	440
112M	2,4,6,8	190	140	20	70	28	8	7	24	60	112	12	130	110	160	4-M8	45	226	240	193	248	15	315	4	470
132S	2,4,6,8	216	140	22	89	38	10	8	33	80	132	12	165	130	200	4-M8	55	262	275	213	224	18	345	4	505
132M	4,6,8	216	178	22	89	38	10	8	33	80	132	12	165	130	200	4-M8	55	262	275	213	266	18	345	4	545

NAME PLATE SAMPLE

ADM Series standard product configuration confirms to IEC frame.



ADD Three-Phase Asynchronous Motors UL CE IE3

TYPE ADM3-160M00-2			IM B3	IEC60034-1	SN:		
Hz	KW	r/min	V	A	CONN	COS	EFF
50	15	2945	380-400-415	27.86-26.47-25.51	Δ	0.89	91.9%
60	15	3530	380-400	27.86-26.47	Δ	0.89	91.9%
60	15	3530	440-460	24.06-23.02	Δ	0.89	91.9%

DUTY S1	INS F	PTC 3x150D	AMB-15~+50C	IP 55	SF: 1.15
BRG 6309/C3		6309/C3	WT:154 KG	MFG DATE : 2025.10	

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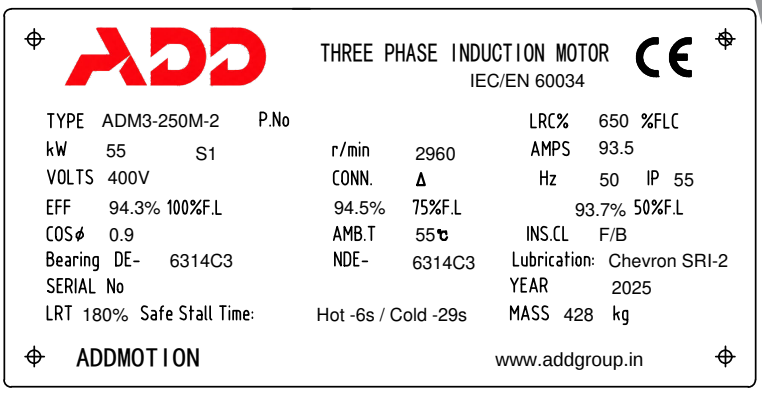

ADD THREE PHASE INDUCTION MOTOR CE
IEC/EN 60034

TYPE	ADM3-250M-2	P.No		LRC%	650 %FLC
kW	55	S1	r/min	2960	AMPS 93.5
VOLTS	400V		CONN.	Δ	Hz 50 IP 55
EFF	94.3%	100%F.L	94.5%	75%F.L	93.7% 50%F.L
COSφ	0.9		AMB.T	55℃	INS.CL F/B
Bearing	DE-	6314C3	NDE-	6314C3	Lubrication: Chevron SRI-2
SERIAL	No				YEAR 2025
LRT	180%	Safe Stall Time:	Hot -6s / Cold -29s		MASS 428 kg

ADDMOTION www.addgroup.in

For additional details, please contact our technical support team.

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