

## 2 pole · 3000T/M · 50 Hz

Type	Output KW	Speed r/min	In (Amps)			Efficiency $\eta\%$	Power Factor cos. $\varphi\%$	Tn Nm	Ts Tn	Tmax Tn	Is In	Noise Level dB(A)	Moment of inertia J kgm <sup>2</sup>	Weight kg
			380V	400V	415V									
JM1-631-2	0.18	2720	0.52	0.5	0.48	65.0	0.80	0.61	2.2	2.2	5.5	61	0.0031	14
JM1-632-2	0.25	2720	0.69	0.65	0.63	68.0	0.81	0.96	2.2	2.2	5.5	61	0.0004	14.5
JM1-711-2	0.37	2740	0.99	0.94	0.91	70.0	0.81	1.26	2.2	2.2	6.1	64	0.0006	15
JM1-712-2	0.55	2740	1.39	1.33	1.29	73.0	0.82	1.88	2.2	2.3	6.1	64	0.0006	15.5
JM1-801-2	0.75	2840	1.7	1.62	1.56	80.6	0.83	2.54	2.2	2.3	6.1	67	0.0008	15.5
JM1-802-2	1.1	2840	2.4	2.28	2.19	82.9	0.84	3.72	3	3.2	8	67	0.0009	17.5
JM1-90S-2	1.5	2840	3.22	3.06	2.95	84.2	0.84	5.04	3	3.2	8	72	0.0012	21
JM1-90L-2	2.2	2840	4.59	4.31	4.2	85.7	0.85	7.4	3	3.2	8	72	0.0014	25
JM1-100L-2	3	2860	6.04	5.73	5.53	86.8	0.87	9.95	2.8	3.2	8	76	0.0029	33
JM1-112M-2	4	2880	7.87	7.48	7.21	87.7	0.88	13.22	2.5	3.2	8	77	0.0055	41
JM1-132S1-2	5.5	2900	10.7	10.2	9.79	88.8	0.88	18.11	2.2	3.2	8	80	0.0109	63
JM1-132S2-2	7.5	2900	14.5	13.7	13.2	89.6	0.88	24.7	2.2	3.2	8	80	0.0126	70
JM1-160M1-2	11	2930	20.7	19.6	18.9	90.8	0.89	35.85	1.9	3	8	86	0.0377	110
JM1-160M2-2	15	2930	28	26.6	25.6	91.5	0.89	48.89	1.9	3	8	86	0.0499	120
JM1-160L-2	18.5	2930	33.9	32.3	31.1	92.0	0.90	60.3	1.9	3	8	86	0.055	135
JM1-180M-2	22	2940	40.2	38.2	36.8	92.3	0.90	71.46	1.9	3	8.2	89	0.075	165
JM1-200L1-2	30	2950	54.5	51.7	49.9	93.0	0.90	97.12	1.9	3	7.6	92	0.124	218
JM1-200L2-2	37	2950	66.8	63.5	61.2	93.5	0.90	119.78	1.9	3	7.6	92	0.139	230
JM1-225M-2	45	2960	81	76.9	74.2	93.8	0.90	144.7	1.8	2.5	7.6	92	0.233	280
JM1-250M-2	55	2965	98.6	93.6	90.3	94.2	0.90	176.85	1.8	2.5	8.2	93	0.312	365
JM1-280S-2	75	2970	134	127	122	94.8	0.90	241.16	1.7	2.5	7.6	94	0.579	495
JM1-280M-2	90	2970	158	150	145	95.2	0.91	289.39	1.7	2.5	7.6	94	0.675	565
JM1-315S-2	110	2975	193	183	177	95.2	0.91	352.51	1.6	2.2	7.2	96	1.18	890
JM1-315M-2	132	2975	231	219	211	95.5	0.91	423.02	1.6	2.2	7.2	96	1.82	980
JM1-315L1-2	160	2975	276	263	253	95.6	0.92	512.75	1.6	2.2	7.2	99	2.08	1055
JM1-315L2-2	200	2975	346	329	317	95.5	0.92	640.94	1.6	2.2	7.2	99	2.38	1110
JM1-355M-2	250	2980	430	409	394	96.0	0.92	799.83	1.6	2.2	7.2	103	3.00	1900
JM1-355L-2	315	2980	542	515	496	96.0	0.92	1007.9	1.6	2.2	7.2	103	3.50	2300

Ts/Tn = ratio of locked rotor torque and rated torque

Tmax/Tn = ratio of break-down torque and rated torque

Is/In = ratio of locked rotor amps and rated amps

In = Full Load Current · Is = Locked Rotor Current · Ts = Locked Rotor Torque · Tmax = Maximum Torque · Tn = Full Load Torque

## 4 pole · 1500T/M · 50 Hz

Type	Output KW	Speed r/min	In (Amps)			Efficiency $\eta\%$	Power Factor cos. $\varphi\%$	Tn Nm	Ts Tn	Tmax Tn	Is In	Noise Level dB(A)	Moment of inertia J kgm <sup>2</sup>	Weight kg
			380V	400V	415V									
JM1-712-4	0.37	1330	1.12	1.06	1.02	67.0	0.75	2.54	2.1	2.2	5.2	55	0.0008	14.5
JM1-801-4	0.55	1390	1.38	1.31	1.26	80.6	0.75	3.78	2.4	2.3	5.2	58	0.0018	15
JM1-802-4	0.75	1390	1.82	1.73	1.67	82.4	0.76	5.15	2.4	2.3	6.0	58	0.0021	16
JM1-90S-4	1.1	1390	2.59	2.46	2.37	83.9	0.77	7.50	2.7	3.0	7.0	61	0.0023	23
JM1-90L-4	1.5	1390	3.39	3.22	3.11	85.1	0.79	10.23	2.7	3.0	7.0	61	0.0027	25
JM1-100L1-4	2.2	1410	4.77	4.53	4.37	86.5	0.81	14.80	2.5	2.8	7.0	64	0.0054	33
JM1-100L2-4	3	1410	6.35	6.04	5.82	87.5	0.82	20.18	2.5	2.8	7.0	64	0.0067	35
JM1-112M-4	4	1435	8.37	7.96	7.67	88.5	0.82	26.53	2.2	2.8	7.0	65	0.0095	41
JM1-132S-4	5.5	1440	11.3	10.7	10.3	89.3	0.83	36.48	2.2	2.8	7.0	71	0.0214	65
JM1-132M-4	7.5	1440	15	14.3	13.8	90.2	0.84	49.74	2.2	2.8	7.0	71	0.0296	76
JM1-160M-4	11	1460	21.8	20.7	20.0	91.1	0.84	71.59	2.1	2.8	7.5	75	0.0747	118
JM1-160L-4	15	1460	29.1	27.7	26.7	92.0	0.85	98.12	2.1	2.8	7.5	75	0.0918	132
JM1-180M-4	18.5	1470	35.4	33.6	32.4	92.3	0.86	120.19	2.1	2.8	7.5	76	0.139	164
JM1-180L-4	22	1470	41.9	39.8	38.4	92.8	0.86	142.93	2.1	2.5	7.5	76	0.158	182
JM1-200L-4	30	1470	56.8	54	52	93.3	0.86	160.98	2.1	2.5	7.5	79	0.262	245
JM1-225S-4	37	1475	68.9	65.4	63.1	93.8	0.87	198.51	1.8	2.3	7.5	81	0.406	258
JM1-225M-4	45	1475	83.6	79.4	76.6	94.0	0.87	290.37	1.8	2.3	7.5	81	0.469	290
JM1-250M-4	55	1480	102	96.7	93.2	94.4	0.87	354.90	1.8	2.3	7.5	83	0.66	388
JM1-280S-4	75	1480	138	131	126	94.9	0.87	483.95	1.8	2.3	7.5	86	1.12	510
JM1-280M-4	90	1480	165	157	151	95.2	0.87	578.79	1.8	2.3	7.5	86	1.46	606
JM1-315S-4	110	1480	199	189	182	95.5	0.88	707.41	1.7	2.2	7.2	93	3.11	910
JM1-315M-4	132	1480	238	226	218	95.6	0.88	848.89	1.7	2.2	7.2	93	3.62	1000
JM1-315L1-4	160	1480	285	271	261	95.8	0.89	1029	1.7	2.2	7.2	97	4.13	1055
JM1-315L2-4	200	1480	357	339	327	95.6	0.89	1286.2	1.7	2.2	7.2	97	4.73	1128
JM1-355M-4	250	1490	440	418	403	96.0	0.90	1602.4	1.7	2.2	7.2	101	6.5	1700
JM1-355L-4	315	1490	554	526	507	96.0	0.90	2019	1.7	2.2	7.2	101	8.2	1900
JM1-355M-2	250	2980	430	409	394	96.0	0.92	799.83	1.6	2.2	7.2	103	3.00	1900
JM1-355L-2	315	2980	542	515	496	96.0	0.92	1007.9	1.6	2.2	7.2	103	3.50	2300

Ts/Tn = ratio of locked rotor torque and rated torque

Tmax/Tn = ratio of break-down torque and rated torque

Is/In = ratio of locked rotor amps and rated amps

In = Full Load Current · Is = Locked Rotor Current · Ts = Locked Rotor Torque · Tmax = Maximum Torque · Tn = Full Load Torque

## 6 pole · 1000T/M · 50 Hz

Type	Output KW	Speed r/min	In (Amps)			Efficiency $\eta\%$	Power Factor cos. $\varphi\%$	Tn Nm	Ts Tn	Tmax Tn	Is In	Noise Level dB(A)	Moment of inertia J kgm <sup>2</sup>	Weight kg
			380V	400V	415V									
JM1-711-6	0.18	850	0.74	0.7	0.68	56.0	0.66	1.91	1.9	2.2	4	50	0.0011	14
JM1-712-6	0.25	850	0.95	0.9	0.87	59.0	0.68	2.65	1.9	2.0	4	50	0.0014	14.5
JM1-801-6	0.37	885	1.29	1.23	1.18	62.0	0.70	3.93	1.9	2.0	4.7	52	0.0016	15
JM1-802-6	0.55	885	1.54	1.46	1.41	75.5	0.72	5.84	1.9	2.1	4.7	52	0.0019	16
JM1-90S-6	0.75	910	2.03	1.93	1.86	77.8	0.72	7.87	2.5	2.5	5.5	55	0.0029	19
JM1-90L-6	1.1	910	2.86	2.72	2.62	80	0.73	11.54	2.5	2.5	5.5	55	0.0035	22
JM1-100L-6	1.5	920	3.72	3.53	3.41	81.7	0.75	15.24	2.2	2.5	5.5	59	0.0069	32
JM1-112M-6	2.2	935	5.26	5	4.82	83.6	0.76	22.35	2.2	2.5	5.5	63	0.0140	41
JM1-132S-6	3	960	7.05	6.7	6.45	85.1	0.76	29.84	2.1	2.5	5.5	67	0.0286	63
JM1-132M1-6	4	960	9.27	8.8	8.48	86.3	0.76	39.79	2.1	2.5	6	67	0.0357	72
JM1-132M2-6	5.5	960	12.4	11.8	11.3	87.6	0.77	54.71	2.1	2.5	6	67	0.0449	81
JM1-160M-6	7.5	970	16.6	15.8	15.2	89.2	0.77	73.84	2.1	2.5	6	71	0.081	118
JM1-160L-6	11	970	22.6	22.6	21.8	90.2	0.78	108.30	2.1	2.5	6.5	71	0.116	145
JM1-180L-6	15	970	30.9	29.3	28.2	91.2	0.81	147.68	2.1	2.5	6.5	71	0.207	178
JM1-200L1-6	18.5	980	37.8	36	34.7	91.7	0.81	182.14	2.1	2.5	7	74	0.315	200
JM1-200L2-6	22	980	43.7	41.5	40	92.2	0.83	216.60	2.1	2.5	7	74	0.360	228
JM1-225M-6	30	980	58.6	55.7	53.7	92.6	0.84	292.35	1.8	2.0	7	74	0.547	265
JM1-250M-6	37	980	70.1	66.6	64.2	93.2	0.86	360.26	1.8	2.0	7	76	0.843	370
JM1-280S-6	45	980	84.8	80.6	77.7	93.7	0.86	438.52	1.8	2.0	7	78	1.39	490
JM1-280M-6	55	980	103	98.2	94.7	94	0.86	535.97	1.8	2.0	7	78	1.65	540
JM1-315S-6	75	985	140	133	128	94.6	0.86	730.87	1.8	2.0	7	83	4.11	900
JM1-315M-6	90	985	167	159	153	95	0.86	872.59	1.8	2.0	7	83	4.78	980
JM1-315L1-6	110	985	204	194	187	95.2	0.86	1066.5	1.8	2.0	7	83	5.45	1045
JM1-315L2-6	132	985	241	229	221	95.5	0.87	1279.8	1.8	2.0	7	83	6.12	1100
JM1-355M1-6	160	990	288	274	264	95.8	0.88	1543.4	1.8	2.0	7	90	9.50	1550
JM1-355M2-6	200	990	363	345	332	95.2	0.88	1913.3	1.8	2.0	7	90	10.4	1600
JM1-355L-6	250	990	454	431	416	95.1	0.88	2411.6	1.8	2.0	7	90	12.4	1700

Ts/Tn = ratio of locked rotor torque and rated torque

Tmax/Tn = ratio of break-down torque and rated torque

Is/In = ratio of locked rotor amps and rated amps

In = Full Load Current · Is = Locked Rotor Current · Ts = Locked Rotor Torque · Tmax = Maximum Torque · Tn = Full Load Torque

## 8 pole · 750T/M · 50 Hz

Type	Output KW	Speed r/min	In (Amps)			Efficiency $\eta\%$	Power Factor cos. $\varphi\%$	Tn Nm	Ts Tn	Tmax Tn	Is In	Noise Level dB(A)	Moment of inertia J kgm <sup>2</sup>	Weight kg
			380V	400V	415V									
JM1-801-8	0.18	645	0.88	0.83	0.8	51.0	0.61	2.49	1.8	1.9	3.3	52	0.0025	16
JM1-802-8	0.25	645	1.57	1.09	1.05	54.0	0.61	3.46	1.8	1.9	3.3	52	0.003	18
JM1-90S-8	0.37	670	1.49	1.41	1.36	62.0	0.61	5.12	1.8	1.9	4.9	56	0.0051	22
JM1-90L-8	0.55	670	2.17	2.06	1.99	63.0	0.61	7.61	1.8	2.0	4.0	56	0.0065	24
JM1-100L1-8	0.75	680	2.31	2.2	2.12	73.6	0.67	10.23	1.8	2.0	4.0	59	0.009	30
JM1-100L2-8	1.1	680	3.17	3.01	2.9	76.5	0.69	15.00	1.8	2.0	5.0	59	0.011	32
JM1-112M-8	1.5	690	4.2	3.99	3.85	78.6	0.69	20.46	1.8	2.0	5.0	61	0.0245	40
JM1-132S-8	2.2	705	5.81	5.51	5.32	81.1	0.71	29.59	1.8	2.0	6.0	64	0.0314	64
JM1-132M-8	3	705	7.54	7.16	6.91	82.8	0.73	40.35	1.8	2.0	6.0	64	0.0395	78
JM1-160M1-8	4	720	9.86	9.37	9.03	84.4	0.73	53.06	1.9	2.0	6.0	68	0.0753	105
JM1-160M2-8	5.5	720	13.1	12.5	12	86.0	0.74	72.59	2.0	2.0	6.0	68	0.0931	115
JM1-160L-8	7.5	720	17.4	16.5	15.9	87.3	0.75	99.50	2.0	2.0	6.0	68	0.126	145
JM1-180L-8	11	730	24.7	23.5	22.6	89	0.76	143.90	2.0	2.0	6.0	70	0.203	160
JM1-200L-8	15	730	33.2	31.6	30.4	90.2	0.76	196.23	2.0	2.0	6.6	73	0.399	228
JM1-225S-8	18.5	730	40.7	38.7	37.3	90.8	0.76	242.02	1.9	2.0	6.6	73	0.491	242
JM1-225M-8	22	730	46.9	44.5	42.9	91.4	0.78	287.81	1.9	2.0	6.6	73	0.547	265
JM1-250M-8	30	735	62.5	59.4	57.2	92.3	0.79	382.47	1.9	2.0	6.6	75	0.834	368
JM1-280S-8	37	735	76.6	72.8	70.1	92.9	0.79	484.04	1.9	2.0	6.6	76	1.93	472
JM1-280M-8	45	735	92.7	88	84.8	93.4	0.79	580.74	1.8	2.0	6.6	76	3.65	538
JM1-315S-8	55	735	110	104	101	93.8	0.81	709.80	1.8	2.0	6.6	82	4.79	900
JM1-315M-8	75	735	149	141	136	94.5	0.81	967.91	1.8	2.0	6.6	82	5.58	1000
JM1-315L1-8	90	735	176	167	161	94.8	0.82	1161.49	1.8	2.0	6.6	82	6.37	1055
JM1-315L2-8	110	735	214	203	196	95.3	0.82	1419.60	1.8	2.0	6.4	82	7.23	1118
JM1-355M1-8	132	740	256	243	235	95.5	0.82	1692.08	1.8	2.0	6.4	90	7.9	2000
JM1-355M2-8	160	740	309	294	283	95.8	0.82	2051.00	1.8	2.0	6.4	90	10.3	2150
JM1-355L-8	200	740	382	363	350	95.8	0.83	2563.38	1.8	2.0	6.4	90	12.3	2250
JM1-355L-6	250	990	454	431	416	95.1	0.88	2411.6	1.8	2.0	7	90	12.4	1700

Ts/Tn = ratio of locked rotor torque and rated torque

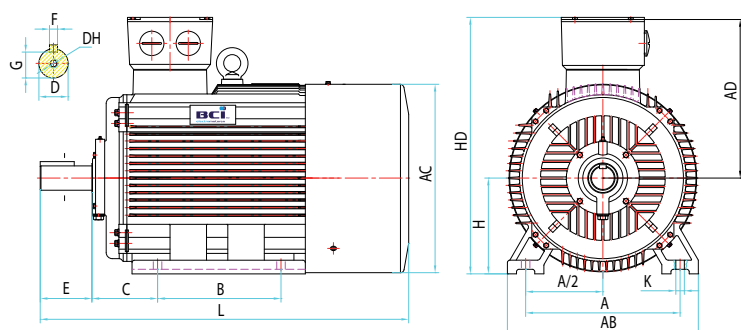
Tmax/Tn = ratio of break-down torque and rated torque

Is/In = ratio of locked rotor amps and rated amps

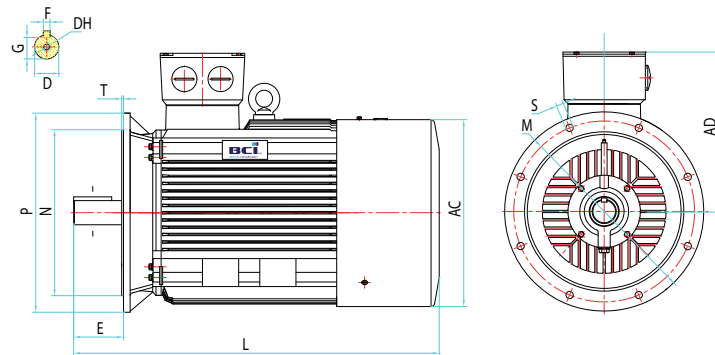
In = Full Load Current · Is = Locked Rotor Current · Ts = Locked Rotor Torque · Tmax = Maximum Torque · Tn = Full Load Torque

# JM1 63 -355 IE2

## B3

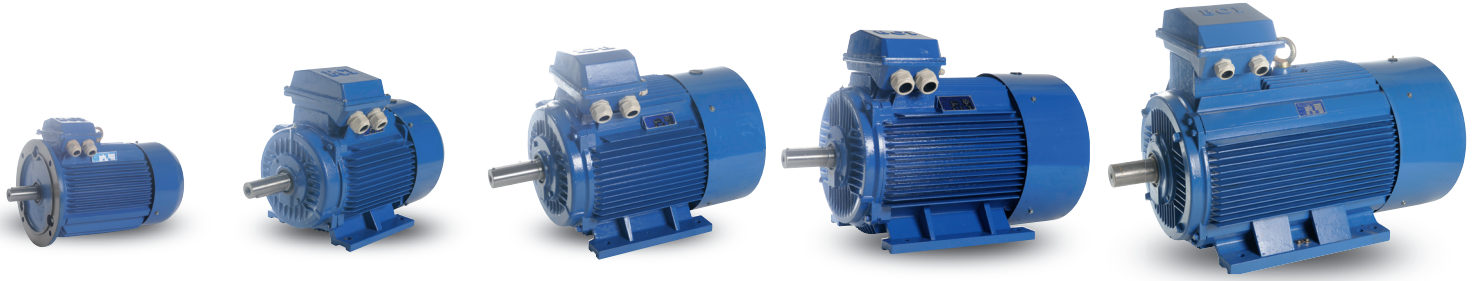


## B5



FRAME	B3																B5					
	A	A/2	B	C	D	E	F	G	H	K	AB	AC	AD	HD	L	DH	M	N	P	S	T	HF
JM1 63	100	50	80	40	11	23	4	8.5	63	7	135	130	70	180	230	M4x12	115	95	140	10	3	130
JM1 71	112	56	90	45	14	30	5	11	71	7	150	145	80	195	255	M5x12	130	110	160	10	3.5	145
JM1 80	125	62.5	100	50	19	40	6	15.5	80	10	165	175	145	220	295	M6x16	165	130	200	12	3.5	185
JM1 90S	140	70	100	56	24	50	8	20	90	10	180	195	155	250	320	M8x19	165	130	200	12	3.5	195
JM1 90L	140	70	125	56	24	50	8	20	90	10	180	195	155	250	345	M8x19	165	130	200	12	3.5	195
JM1 100L	160	80	140	63	28	60	8	24	100	12	205	215	180	270	385	M10x22	215	180	250	15	4	245
JM1 112M	190	95	140	70	28	60	8	24	112	12	230	240	190	300	400	M10x22	215	180	250	15	4	265
JM1 132S	216	108	140	89	38	80	10	33	132	12	270	275	210	345	470	M12x28	265	230	300	15	4	315
JM1 132M	216	108	178	89	38	80	10	33	132	12	270	275	210	345	510	M12x28	265	230	300	15	4	315
JM1 160M	254	127	210	108	42	110	12	37	160	15	320	330	255	422	615	M16x36	300	250	350	19	5	385
JM1 160L	254	127	254	108	42	110	12	37	160	15	320	330	255	422	670	M16x36	300	250	350	19	5	385
JM1 180M	279	139.5	241	121	48	110	14	42.5	180	15	355	380	280	458	700	M16x36	300	250	350	19	5	430
JM1 180L	279	139.5	279	121	48	110	14	42.5	180	15	355	380	280	458	740	M16x36	300	250	350	19	5	430
JM1 200L	318	159	305	133	55	110	16	49	200	19	395	420	305	525	770	M20x42	350	300	400	19	5	480
JM1 225S	356	178	286	149	60	140	18	53	225	19	435	470	335	574	815	M20x42	400	350	450	19	5	535
JM1 225M-2	356	178	311	149	55	110	16	49	225	19	435	470	335	574	820	M20x42	400	350	450	19	5	535
JM1 225M-4	356	178	311	149	60	140	18	53	225	19	435	470	335	574	845	M20x42	400	350	450	19	5	535
JM1 250M-2	406	203	349	168	60	140	18	53	250	-	490	510	370	635	910	M20x42	500	450	550	19	5	595
JM1 250M-4	406	203	349	168	65	140	18	58	250	-	490	510	370	635	910	M20x42	500	450	550	19	5	595
JM1 280S-2	457	228.5	368	190	65	140	18	58	280	-	550	580	410	693	985	M20x42	500	450	550	19	5	650
JM1 280S-4	457	228.5	368	190	75	140	20	67.5	280	-	550	580	410	693	985	M20x42	500	450	550	19	5	650
JM1 280M-2	457	228.5	419	190	65	140	18	58	280	-	550	580	410	693	1035	M20x42	500	450	550	19	5	650
JM1 280M-4	457	228.5	419	190	75	140	20	67.5	280	-	550	580	410	693	1035	M20x42	500	450	550	19	5	650
JM1 315S-2	508	254	406	216	65	140	18	58	315	-	635	645	530	810	1160	M20x42	600	550	660	24	6	-
JM1 315S-4	508	254	406	216	80	170	22	71	315	-	635	645	530	810	1270	M20x42	600	550	660	24	6	-
JM1 315M-2	508	254	457	216	65	140	18	58	315	-	635	645	530	810	1190	M20x42	600	550	660	24	6	-
JM1 315M-4	508	254	457	216	80	170	22	71	315	-	635	645	530	810	1300	M20x42	600	550	660	24	6	-
JM1 315L-2	508	254	508	216	65	140	18	58	315	-	635	645	530	810	1190	M20x42	600	550	660	24	6	-
JM1 315L-4	508	254	508	216	80	170	22	71	315	-	635	645	530	810	1300	M20x42	600	550	660	24	6	-
JM1 355M-2	610	305	560	254	75	140	20	67.5	355	-	730	710	655	1010	1500	M20x42	740	680	800	24	6	-
JM1 355M-4	610	305	560	254	100	210	25	86	355	-	730	710	655	1010	1530	M20x42	740	680	800	24	6	-
JM1 355L-2	610	305	560	254	75	140	20	67.5	355	-	730	710	655	1010	1500	M20x42	740	680	800	24	6	-
JM1 355L-4	610	305	630	254	100	210	25	86	355	-	730	710	655	1010	1530	M20x42	740	680	800	24	6	-

# JM1 63 -355 IE2



JM1 132-B5

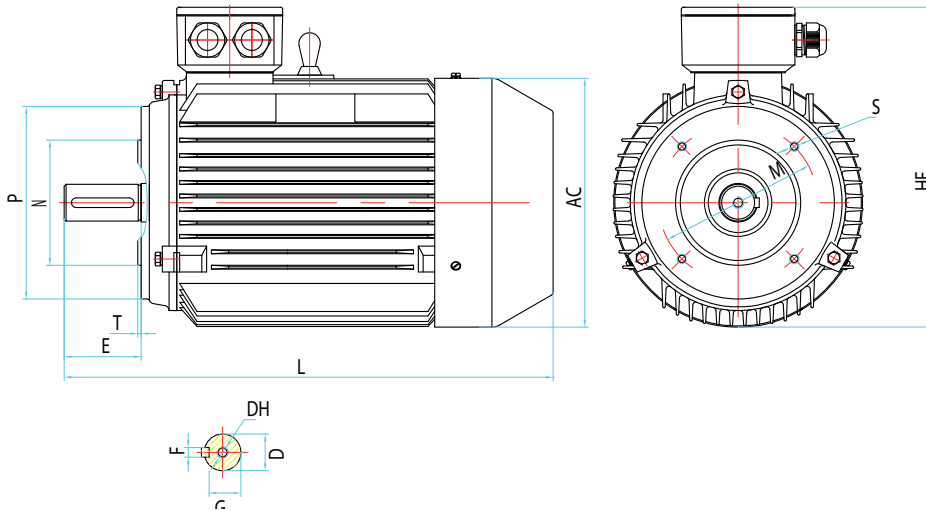
JM1 160

JM1 225

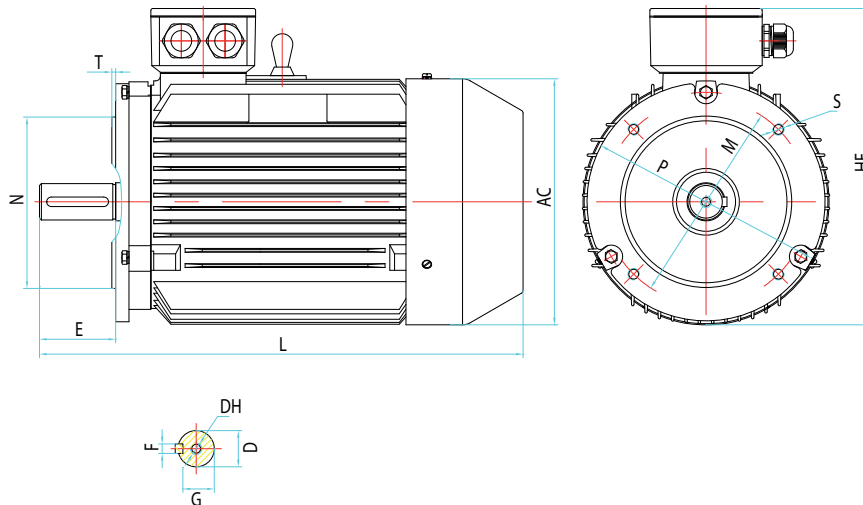
JM1 280

JM1 355

## B14A



## B14B



FRAME															B14A					B14B							
	A	A2	B	C	D	E	F	G	H	K	AB	AC	AD	HD	L	DH	M	N	P	S	T	HF	M	N	P	S	T
JM63	110	50	80	40	11	23	4	8.5	63	7	135	130	70	180	230	M4x12	75	60	90	M5	2,5	130	100	80	120	M6	2,5
JM71	112	56	90	45	14	30	5	11	71	7	150	155	80	195	255	M5x12	85	70	105	M6	2,5	145	115	95	140	M8	3
JM80	125	62.5	100	50	19	40	6	15.5	80	10	165	165	145	214	295	M6x16	100	80	120	M6	3	105	130	110	160	M8	3,5
JM90S	140	70	100	56	24	50	8	20	90	10	180	195	155	250	320	M8x19	115	95	140	M8	3	195	130	110	160	M8	3,5
JM90L	140	70	125	56	24	50	8	20	90	10	180	195	155	250	345	M8x19	115	95	140	M8	3	195	130	110	160	M8	3,5
JM100L	160	80	140	63	28	60	8	24	100	12	205	215	180	270	385	M10x22	130	110	160	M8	3,5	245	165	130	200	M10	3,5
JM12M	190	95	140	70	28	60	8	24	112	12	230	240	190	300	400	M10x22	130	110	160	M8	3,5	365	165	130	200	M10	3,5
132S	216	108	140	89	38	80	10	33	132	12	270	275	210	345	470	M12x28	165	130	200	M10	3,5	-					
132M	216	108	178	89	38	80	10	33	132	12	270	275	210	345	510	M12x28	165	130	200	M10	3,5	-					

## 2 pole · 3000T/M · 50 Hz

Type	Output	Speed	In (Amps)			Efficiency $\eta\%$	Power Factor cos. $\varphi\%$	Tn	I <sub>s</sub>	I <sub>max</sub>	I <sub>s</sub>	Noise Level	Moment of inertia	Weight
	KW	r/min	380V	400V	415V	100% FL	100% FL	Nm	Tn	Tn	In	dB(A)	dB(A)	kg
JM400M-2	400	2982	689	657	637	95.9	0.92	1281	1.23	2.53	5.80	101	12.52	2604
JM400M-2	450	2982	775	737	713	95.9	0.92	1440	1.64	2.03	7.11	101	13.26	3035
JM400L-2	500	2982	853	814	791	96.0	0.92	1681	1.47	2.72	6.42	102	14.21	3122
JM400L-2V	560	2982	952	908	879	96.0	0.92	1793	1.31	2.43	5.74	102	14.95	3088
JM400L-2V	630	2892	1071	1019	985	96.1	0.93	2016	1.83	2.98	7.27	103	15.67	3987
JM450M-2	560	2986	945	900	873	96.3	0.93	1790	1.05	2.9	6.14	112	20.07	3340
JM450M-2	630	2984	1063	1012	983	96.3	0.93	2016	0.98	2.57	5.46	112	20.07	3340
JM450L-2	710	2988	1195	1138	1105	96.3	0.94	2270	1.38	3.42	7.29	112	27.10	4020
JM450L-2	800	2986	1340	1276	1239	96.5	0.94	2555	1.23	3.05	6.59	112	27.10	4120
JM450L-2	900	2985	1507	1435	1393	96.6	0.94	2874	1.09	2.71	5.86	112	27.10	4120

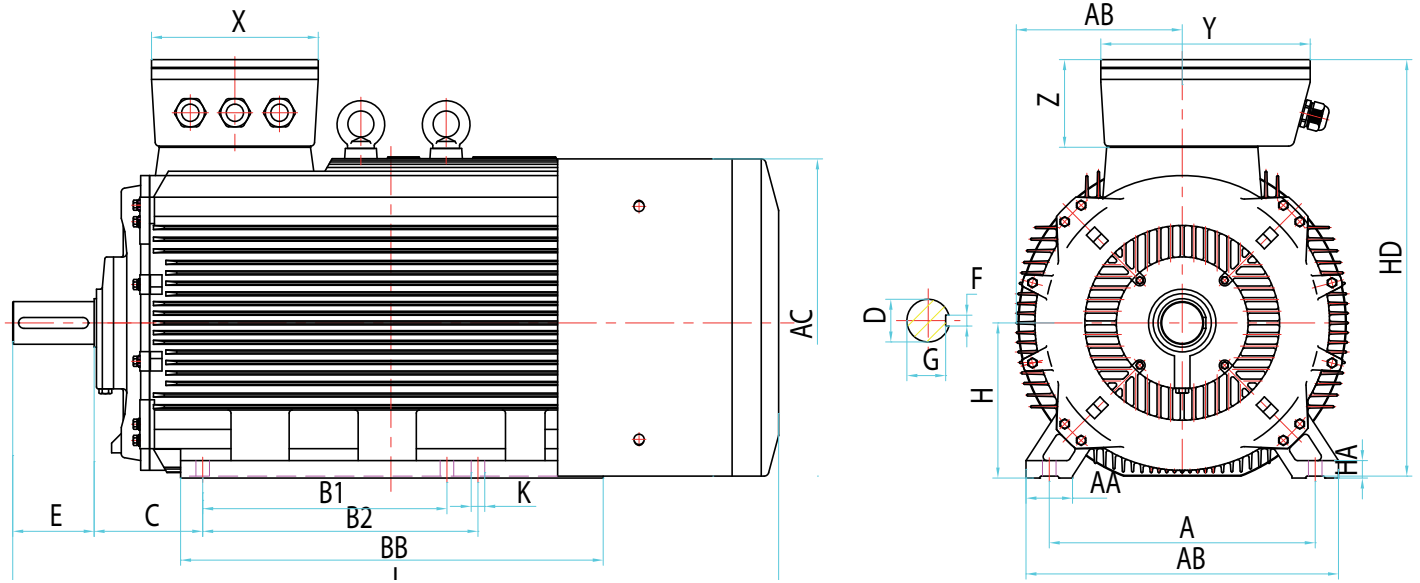
## 4 pole · 1500T/M · 50 Hz

Type	Output	Speed	In (Amps)			Efficiency $\eta\%$	Power Factor cos. $\varphi\%$	Tn	I <sub>s</sub>	I <sub>max</sub>	I <sub>s</sub>	Noise Level	Moment of inertia	Weight
	KW	r/min	380V	400V	415V	100% FL	100% FL	Nm	Tn	Tn	In	dB(A)	dB(A)	kg
JM400M-4	400	1492	700	666	645	96.0	0.90	2510	1.92	2.75	6.61	111	14.95	2786
JM400M-4	450	1492	785	750	726	96.1	0.90	2880	2.03	2.81	6.84	111	15.63	3122
JM400L-4	500	1492	869	831	807	96.4	0.90	3203	1.83	2.52	6.19	111	18.41	3132
JM400L-4V	560	1492	971	924	893	96.4	0.90	3587	2.02	2.67	6.64	112	19.62	3548
JM400L-4V	630	1492	1092	1043	1011	96.4	0.91	4035	1.75	2.34	5.81	112	21.33	3589
JM450M-4	560	1492	967	921	894	96.3	0.91	3570	1.29	2.71	6.43	111	35.10	3584
JM450M-4	630	1492	1088	1036	1006	96.4	0.91	4020	1.47	2.9	6.94	111	41.00	4055
JM450L-4	710	1492	1222	1164	1130	96.4	0.91	4530	1.30	2.57	6.17	111	41.00	4055
JM450L-4	800	1491	1373	1308	1270	96.6	0.93	5100	1.53	2.28	6.91	111	49.50	4724
JM450L-4	900	1491	1571	1496	1452	96.6	0.92	5740	1.75	2.34	5.81	111	49.50	4732

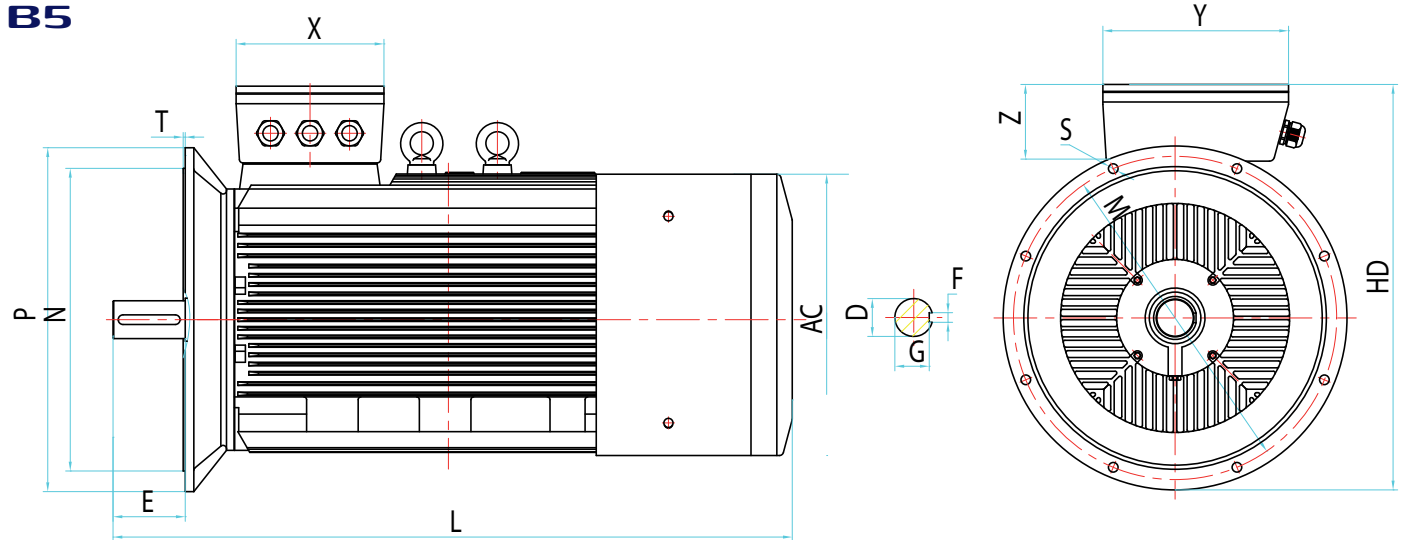
## 6 pole · 1000T/M · 50 Hz

Type	Output	Speed	In (Amps)			Efficiency $\eta\%$	Power Factor cos. $\varphi\%$	Tn	I <sub>s</sub>	I <sub>max</sub>	I <sub>s</sub>	Noise Level	Moment of inertia	Weight
	KW	r/min	380V	400V	415V	100% FL	100% FL	Nm	Tn	Tn	In	dB(A)	dB(A)	kg
JM400M-6	315	994	571	552	535	95.8	0.86	3026	1.83	2.34	5.91	108	18.21	3003
JM400M-6	355	994	647	624	599	95.9	0.86	3411	1.86	2.31	5.89	108	19.32	3410
JM400L-6	400	994	730	701	685	95.9	0.86	3843	2.08	2.48	6.38	108	21.86	3558
JM400L-6	450	994	819	783	766	95.9	0.86	4323	2.07	2.43	6.31	111	22.31	3841
JM400L-6V	500	994	908	871	851	96.1	0.86	4804	1.86	2.19	5.72	111	23.52	3866
JM400L-6V	560	994	958	935	916	96.1	0.86	5380	1.95	2.22	5.88	111	24.46	4140
JM450M-6	500	994	918	874	849	96.0	0.86	4785	1.61	2.34	5.99	108	49.30	3886
JM450M-6	560	994	1027	978	950	96.1	0.86	5355	1.64	2.32	5.89	108	54.10	4203
JM450L-6	630	994	1152	1097	1065	96.1	0.86	6025	1.65	2.3	5.99	108	60.60	4620
JM450L-6	710	994	1297	1235	1199	95.9	0.86	6790	1.71	2.33	6.13	111	67.90	5080
JM450L-6	800	995	1450	1381	1341	96.5	0.87	7680	1.52	2.06	5.47	111	67.90	5080

### B3



### B5



FRAME	A	AA	AB	AC	B1	B2	BB	C	D	DB	E	F	G	GD	H	HA	HD	K	L	AD	Eyebolt IPE	X	Y	Z	
									ø									ø			max 2x ø				
JM400M/L-2	686	120	806	860	630	710	1090	280	85	M24	170	22	76	14	400	52	1080	36	1820	400	2xM36	100mm	430	485	225
JM400M/L-4/6	686	120	806	860	630	710	1090	280	110	M24	210	28	100	16	400	52	1080	36	1881	400	2xM36	100mm	430	485	225
JM450M/L-2	800	150	950	950	900	1000	1200	250	90	M24	170	25	81	14	450	62	1400	36	2050	480	2xM42	130mm	460	530	275
JM450M/L-4/6	800	150	950	950	900	1000	1200	250	130	M24	250	32	119	18	450	62	1400	36	2200	480	2xM42	130mm	460	530	275