Standards and Regulations

The motors comply with the relevant standards and regulations, especially :

Standards	IEC	CENELEC	BS
General requirements for electrical machines	60034-1	EN 60034-1	4999-1 4999-69
Methods of determining losses and efficiency	60034-2	HD 53 2	4999-34
Degrees of protection	60034-5	EN 60034-5	4999-20
Methods of cooling	60034-6	EN 60034-6	4999-21
Mounting arrangements	60034-7	EN 60034-7	4999-22
Terminal markings and direction of rotation	60034-8	HD 53 8 S4	4999-3
Noise limits	60034-9	EN 60034-9	4999-51
Starting performance	60034-12	EN 60034-12	4999-112
Mechanical vibration	60034-14	EN 60034-14	4999-50
Standard voltages	60038	HD 472 S1	
Dimensions and output ratings	60072		
Mounting dimensions and relationship Framesize-output ratings	60072	HD 231	4999-10 51-110
Shaft dimension	60072	HD 231	4999-10
Classification of environmental conditions	600721-2-1		
Insulation materail	60085		

Degrees of protection

accordance to IEC 60034-5

IP	Description	IP	Description
3	Protection against solid foreign bodies larger then 2.5 mm (Example : Wires, tools)	3	Protection against waterspray at up to 60° from vertical
4	Protection against solid foreign bodies larger then 1 mm (Example : Wires, bands)	4	Protection against water splashed from any direction
5	Protection against dust (harmful deposits of dust)	5	Protection against water projected by a nozzle from any direction
6	complete protection against dust, Is not described for electrical machines to IEC 34-5	6	Protection against heavy seas or water projected in powerful jets

BR Series 3000 min^{-1} (2 Poles)

CAST IRON Three - phase Squrriel Cage Motors 380V-415V 50Hz Protection IP55

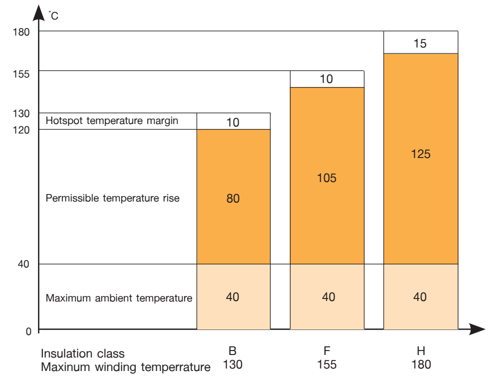
Motor Type	Rated Output kW	Rated Speed rpm	IFL 380V (AMP)	IFL 400V (AMP)	IFL 415V (AMP)	IST / IFL	EFF %	Power factor	Rated torque Nm	TST / TFL	TM / TFL	M of J kgm^2	Noise level LW dB(A)	Net weight kg
BR 801-2	0.75	2840	1.8	1.7	1.67	5.5	75.5	0.83	2.5	2.3	2.6	0.0008	67	14
BR 802-2	1.1	2840	2.6	2.5	2.4	5.6	76.2	0.84	3.7	2.3	2.6	0.0009	67	15
BR 90S-2	1.5	2850	3.4	3.2	3.1	6.1	79.5	0.85	5	2.5	2.9	0.0012	72	20
BR 90L-2	2.2	2850	4.8	4.6	4.4	6.1	81.7	0.85	7.4	2.7	2.9	0.0014	72	24
BR 100L-2	3	2880	6.3	6	5.8	6.5	83.1	0.87	10	2.7	2.9	0.0039	76	30
BR 112M1-2	4	2880	8.2	7.8	7.6	6.5	84.2	0.88	13.3	2.6	2.9	0.0055	77	38
BR 132S1-2	5.5	2900	11.1	10.5	10.2	6.9	85.9	0.88	18.1	2.3	2.6	0.011	80	57
BR 132S2-2	7.5	2900	14.9	14.2	13.5	6.9	87.2	0.88	24.5	2.5	2.8	0.013	80	61
BR 160M1-2	11	2930	21.1	20.1	19.4	6.7	88.7	0.89	35.8	2.6	2.9	0.038	86	101
BR 160M2-2	15	2930	28.6	27.2	26.2	6.7	89.5	0.89	48.8	2.6	2.9	0.045	86	111
BR 160L-2	18.5	2930	34.6	32.9	31.8	6.8	90.2	0.90	60.4	2.5	2.8	0.055	86	126
BR 180M-2	22	2940	41	38.9	37.6	6.6	90.6	0.90	71.4	2.6	2.8	0.076	89	176
BR 200L1-2	30	2950	55.4	52.6	50.7	6.5	91.5	0.90	97.2	2.5	2.7	0.124	92	226
BR 200L2-2	37	2950	67.9	64.5	62.2	6.5	92	0.90	119.8	2.4	2.6	0.139	92	245
BR 225M-2	45	2970	82.1	78	75.3	6.8	92.5	0.90	144.8	2.4	2.6	0.233	92	280
BR 250M1-2	55	2970	99.6	94.6	91.3	6.8	9.32	0.90	177	2.5	2.8	0.312	93	379
BR 280S-2	75	2970	134.8	128.1	123.5	6.7	93.9	0.90	241.3	2.4	2.7	0.597	94	512
BR 280M1-2	90	2970	159.5	151.5	146.1	6.7	94.2	0.91	289.5	2.4	2.7	0.675	94	578
BR 315S-2	110	2980	194.6	184.9	178.2	6.6	94.4	0.91	352.7	2	2.5	1.18	96	845
BR 315M-2	132	2980	233	221.4	213.4	6.6	94.6	0.91	423.2	2.1	2.5	1.55	96	942
BR 315L1-2	160	2980	282.1	270	258.4	6.7	94.7	0.91	513	1.9	2.4	1.76	99	1019
BR 315L2-2	200	2980	347.7	330.1	318.4	6.7	95	0.92	641.2	1.9	2.4	2.02	99	1177
BR 355M-2	250	2980	423.3	410.8	395.9	6.5	95.5	0.92	801.5	1.6	2.3	3.56	103	1740
BR 355L-2	315	2980	543	515.9	497.3	6.5	95.8	0.92	1010	1.6	2.3	4.1	103	1920

▪IFL=full load current ▪IST=locked rotor current ▪TST=locked rotor torque ▪TM=maximum torque ▪TFL=full load torque

Bearings & Lubrication

Frams	DE	NDE
BR-80	6204 ZZ C3	6204 ZZ C3
BR-90	6205 ZZ C3	6205 ZZ C3
BR-100	6206 ZZ C3	6206 ZZ C3
BR-112	6306 ZZ C3	6306 ZZ C3
BR-132	6208 ZZ C3	6208 ZZ C3
BR-160	6309 C3	6309 C3
BR-180	6311 C3	6311 C3
BR-200	6312 C3	6312 C3
BR-225	6313 C3	6313 C3
BR-250 (Horizontal)	6314 C3	6314 C3
BR-250 (Vertical)	6314 C3	7314
BR-280-2P (Horizontal)	6314 C3	6314 C3
BR-280-2P (Vertical)	6314 C3	7314
BR-280-4-8 (Horizontal)	6317 C3	6317 C3
BR-280-4-8 (Vertical)	6317 C3	7317
BR-315 2 P(Horizontal)	6316 C3	6316 C3
BR-315 2 P(Vertical)	6316 C3	7316
BR-315-4-8 P(Horizontal)	N319	6319 C3
BR-315-4-8 P(Vertical)	N319	7319
BR 355 2P (Horizontal)	6319 C3	6319 C3
BR 355 2P (Vertical)	6319 C3	7319
BR 355 4-8P (Horizontal)	N322	6322 C3
BR 355 4-8P (Vertical)	N322	7322

Permissible temperature Rises to various standards



BR Series 1500 min^{-1} (4 Poles)

CAST IRON Three - phase Squrriel Cage Motors 380V-415V 50Hz Protection IP55

Motor Type	Rated Output kW	Rated Speed rpm	IFL 380V (AMP)	IFL 400V (AMP)	IFL 415V (AMP)	IST / IFL	EFF %	Power factor	Rated torque Nm	TST / TFL	TM / TFL	M of J kgm^2	Noise level LW dB(A)	Net weight kg
BR 80M1-4	0.55	1390	1.6	1.5	1.4	5.5	71.4	0.75	3.8	2.2	2.4	0.002	58	13
BR 80M2-4	0.75	1390	2.1	2	1.9	5.6	73.5	0.76	5.2	2.2	2.4	0.002	58	14
BR 90S-4	1.1	1400	2.9	2.7	2.6	5.4	76.2	0.77	7.5	2.2	2.5	0.002	61	20
BR 90L-4	1.5	1400	3.8	3.5	3.4	5.2	78.7	0.78	10.2	2.4	2.6	0.003	61	23
BR 100L1-4	2.2	1420	5.1	4.9	4.7	6.0	81.0	0.81	14.8	2.3	2.6	0.007	64	29
BR 100L2-4	3	1420	6.8	6.4	6.2	6.1	82.7	0.82	20.2	2.3	2.7	0.007	64	33
BR 112M-4	4	1440	8.8	8.4	8.1	6.5	84.5	0.82	26.5	2.3	2.8	0.01	65	40
BR 132S-4	5.5	1440	11.7	11.2	10.8	6.8	85.7	0.83	36.5	2.3	2.9	0.021	71	59
BR 132M1-4	7.5	1440	15.6	14.8	14.3	6.5	87.1	0.84	49.8	2.4	3	0.03	71	69
BR 160M-4	11	1460	22.5	21.3	20.6	6.9	88.6	0.84	72	2.3	2.9	0.075	75	109
BR 160L-4	15	1460	30.3	28.5	27.5	6.8	89.5	0.85	98.2	2.3	2.9	0.092	75	130
BR 180M-4	18.5	1470	36.2	34.4	33.2	6.4	90.2	0.86	120.2	2.3	2.9	0.139	76	165
BR 180L-4	22	1470	42.9	40.7	39.3	6.9	90.7	0.86	143	2.3	2.9	0.158	76	180
BR 200L-4	30	1470	57.5	54.7	52.7	6.8	92.1	0.86	195	2.4	2.9	0.262	79	240
BR 225S-4	37	1480	69.7	66.2	64.6	6.5	92.7	0.87	238.9	2.2	2.7	0.406	81	278
BR 225M-4	45	1480	84.5	80.3	77.4	6.3	93.0	0.87	290.5	2.3	2.5	0.469	81	308
BR 250M1-4	55	1480	103	97.8	94.3	6.4	93.3	0.87	355.1	2.2	2.5	0.66	83	402
BR 280S-4	75	1480	138.1	131.1	126.4	6.8	93.8	0.88	483.9	2.1	2.8	1.12	86	540
BR 280M1-4	90	1480	165	157	152	6.9	94.1	0.88	580.7	2.2	2.7	1.46	86	615
BR 315S-4	110	1480	200.5	190.5	183.6	6.5	94.7	0.88	709.8	1.9	2.7	3.11	93	870
BR 315M-4	132	1480	240	228	220	6.8	95	0.88	851.8	2.3	3.2	3.29	93	990
BR 315L1-4	160	1480	287	273	263	6.6	95.2	0.89	1032	2.6	3	3.79	97	1053
BR 315L2-4	200	1480	358	340	328	6.4	95.4	0.89	1290	2.2	2.8	4.49	97	1243
BR 355M-4	250	1490	441	419	405	6.2	95.6	0.90	1603	1.9	2.9	5.67	101	1745
BR 355L-4	315	1490	555	527	509	6.1	95.8	0.90	2020	2.1	3.1	6.66	101	1957

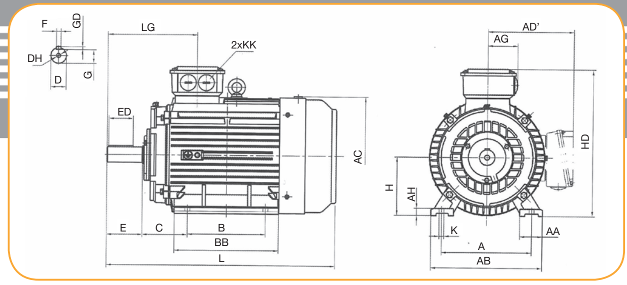
▪IFL=full load current ▪IST=locked rotor current ▪TST=locked rotor torque ▪TM=maximum torque ▪TFL=full load torque

BR Series 1000 min^{-1} (6 Poles)

CAST IRON Three - phase Squrriel Cage Motors 380V-415V 50Hz Protection IP55

Motor Type	Rated Output kW	Rated Speed rpm	IFL 380V (AMP)	IFL 400V (AMP)	IFL 415V (AMP)	IST / IFL	EFF %	Power factor	Rated torque Nm	TST / TFL	TM / TFL	M of J kgm^2	Noise level LW dB(A)	Net weight kg
BR 80M1-6	0.37	890	1.3	1.2	1.1	4.4	62.5	0.70	4	1.9	2.3	0.002	54	14
BR 80M2-6	0.55	890	1.8	1.7	1.6	4.5	65.0	0.72	5.9	2.1	2.4	0.003	54	16
BR 90S-6	0.75	910	2.3	2.2	2.1	4.1	69.1	0.72	7.9	2.3	2.7	0.003	57	20
BR 90L-6	1.1	910	3.2	3	2.9	4.6	72.0	0.73	11.5	2.3	2.7	0.004	57	23
BR 100L-6	1.5	920	4.1	3.9	3.7	5	76.0	0.75	15.6	2.4	2.8	0.007	61	29
BR 112M-6	2.2	940	5.6	5.3	5.1	5.2	79.1	0.76	22.4	2.1	2.5	0.014	65	38
BR 132S-6	3	960	7.4	7	6.8	5.6	81.3	0.76	29.9	1.9	2.5	0.029	69	54
BR 132M1-6	4	960	9.7	9.2	8.9	6.2	82.3	0.76	39.8	2.1	2.7	0.036	69	62
BR 132M2-6	5.5	960	12.8	12.2	11.7	6.5	84.7	0.77	54.7	2.3	2.8	0.045	69	69
BR 160M-6	7.5	970	17.1	16.2	15.6	5.6	86.6	0.77	73.9	2	2.6	0.088	73	103
BR 160L-6	11	970	24.5	23.2	22.4	5.8	87.6	0.78	108.3	2.1	2.4	0.116	73	121
BR 180L-6	15	970	31.6	30.1	28.9	5.7	89.0	0.81	147.7	2	2.4	0.207	73	173
BR 200L1-6	18.5	970	38.5	36.6	35.2	6.7	90.2	0.81	182.2	2.2	2.8	0.315	76	221
BR 200L2-6	22	970	44.7	42.5	40.9	6.6	90.2	0.83	216.7	2.3	2.9	0.36	76	236
BR 225M-6	30	980	59.3	56.4	54.3	6.8	91.5	0.84	292.5	2.2	2.7	0.547	76	301
BR 250M-6	37	980	70.1	67.4	64.9	6.2	92.2	0.86	360.7	2	2.5	0.834	78	370
BR 280S-6	45	980	86	82	79	6.1	92.5	0.86	438.7	1.9	2.5	1.39	80	478
BR 280M1-6	55	980	105	100	96	6.7	92.9	0.86	536.2	2.1	2.7	1.65	80	535
BR 315S-6	75	990	142	135	129	6.5	93.7	0.86	723.8	2	2.7	4.11	85	790
BR 315M-6	90	990	170	161	155	6.2	93.9	0.86	868.6	2.0	2.6	4.28	85	880
BR 315L1-6	110	990	206	196	188	6	94.5	0.86	1062	1.9	2.7	5.45	85	997
BR 315L2-6	132	990	244	232	223	5.8	94.6	0.87	1274	2.0	2.7	6.12	85	1103
BR 355M1-6	160	990	291	276	266	6.3	95.1	0.88	1544	1.6	2.8	8.85	92	1400
BR 355M2-6	200	990	362	343	331	6.6	95.4	0.88	1930	2.0	2.9	9.55	92	1780
BR 355L-6	250	990	451	429	413	6.5	95.7	0.88	2413	1.6	3	10.3	92	2050

▪IFL=full load current ▪IST=locked rotor current ▪TST=locked rotor torque ▪TM=maximum torque ▪TFL=full load torque



BRANCO

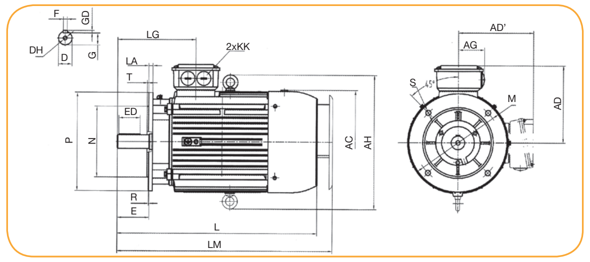
MOTORI ELETTRICI

Mounting IM B3

Dimensions Three - phase Motors BR Series CAST IRON

Frame size	A	AA	AB	AC	AD	AG	B	BB	C	D	DH	E	ED	F	G	GD	H	HA	HD	K	KK	L	LG
08M	125	34	160	175	140	51	100	130	50	19	M6 X 16	40	25	6	15.5	6	80	10	230	10	M25 X 1.5	295	106
90S	140	36	180	190	150	60	100	135	56	24	M8 X 19	50	40	8	20	7	90	12.5	260	10	M25 X 1.5	320	124
90L	140	36	180	190	150	60	125	160	56	24	M8 X 19	50	40	8	20	7	90	12.5	260	10	M25 X 1.5	345	124
100L	160	40	200	215	160	60	140	182	63	28	M10 X 22	60	45	8	24	7	100	14	275	12	M25 X 1.5	385	140
112M	190	45	230	236	185	75	140	195	70	28	M10 X 22	60	45	8	24	7	112	14	310	12	M32 X 1.5	410	145
132S	216	52	265	275	205	75	140	205	89	38	M12 X 28	80	63	10	33	8	132	16	350	12	M32 X 1.5	480	169
132M	216	52	265	275	205	75	178	245	89	38	M12 X 28	80	63	10	33	8	132	16	350	12	M32 X 1.5	520	169
160M	254	65	320	330	250	95	210	260	108	42	M16 X 36	110	90	12	37	8	160	19	425	14.5	M40 X 1.5	610	270
160L	254	65	320	330	250	95	254	305	108	42	M16 X 36	110	90	12	37	8	160	19	425	14.5	M40 X 1.5	655	270
180M	279	74	350	380	270	95	241	297	121	48	M16 X 36	110	90	14	42.5	9	180	22	460	14.5	M40 X 1.5	680	277
180L	279	74	350	380	270	95	279	327	121	48	M16 X 36	110	90	14	42.5	9	180	22	460	14.5	M40 X 1.5	720	277
200L	318	75	395	420	325	120	305	370	133	55	M20 X 42	110	90	16	49	10	200	25	515	18.5	M50 X 1.5	760	300
225S(4-8P)	356	75	436	465	335	120	286	355	149	60	M20 X 42	140	110	18	53	11	225	28	560	18.35	M50 X 1.5	825	340
225M(2P)	356	75	436	465	335	120	311	380	149	55	M20 X 42	110	90	16	49	10	225	28	560	18.5	M50 X 1.5	820	310
225M(4-8P)	356	75	435	465	335	120	311	380	149	60	M20 X 42	140	110	18	53	11	225	28	560	18.5	M50 X 1.5	850	340
250M(2P)	406	88	495	520	370	160	349	440	168	60	M20 X 42	140	110	18	53	11	250	33	620	24	M63 X 1.5	925	353
250M1(4-8P)	406	88	495	520	370	160	349	440	168	65	M20 X 42	140	110	18	58	11	250	33	620	24	M63 X 1.5	925	353
250M2(4P)	406	88	495	520	370	160	349	440	168	70	M20 X 42	140	110	20	62.5	12	250	33	620	24	M63 X 1.5	935	353
280S(2P)	457	103	550	570	400	160	368	495	190	65	M20 X 42	140	110	18	58	11	280	35	685	24	M63 X 1.5	960	350
280S(4-8P)	457	103	550	570	400	160	368	495	190	75	M20 X 42	140	110	20	67.5	12	280	35	685	24	M63 X 1.5	975	350
280M(2P)	457	103	550	570	400	160	419	535	190	65	M20 X 42	140	110	18	58	11	280	35	685	24	M63 X 1.5	1000	350
280M1(4-8P)	457	103	550	570	400	160	419	535	190	75	M20 X 42	140	110	20	67.5	12	280	35	685	24	M63 X 1.5	1015	350
280M2(4-8P)	457	103	550	570	400	160	419	535	190	80	M20 X 42	170	140	22	71	14	280	35	685	24	M63 X 1.5	1060	380
315S(2P)	508	120	630	650	495	195	406	515	216	65	M20 X 42	140	110	18	58	11	315	45	820	28	M63 X 1.5	1160	387
315M(2P)	508	120	630	650	495	195	457	625	216	65	M20 X 42	140	110	18	58	11	315	45	820	28	M63 X 1.5	1270	387
315L(2P)	508	120	630	650	495	195	508	625	216	65	M20 X 42	140	110	18	58	11	315	45	820	28	M63 X 1.5	1270	387
315S(4-8P)	508	120	630	650	495	195	406	515	216	80	M20 X 42	170	140	22	71	14	315	45	820	28	M63 X 1.5	1190	417
315M(4-8P)	508	120	630	650	495	195	457	625	216	80	M20 X 42	170	140	22	71	14	315	45	820	28	M63 X 1.5	1300	417
315L(4-8P)	508	120	630	650	495	195	508	625	216	80	M20 X 42	170	140	22	71	14	315	45	820	28	M63 X 1.5	1300	417
355M(2P)	610	125	735	735	640	330	560	775	254	75	M24 X 50	140	110	20	67.5	12	355	49	1000	28	M63 X 1.5	1500	420
355L(2P)	610	125	735	735	640	330	630	775	254	75	M24 X 50	140	110	20	67.5	12	355	49	1000	28	M63 X 1.5	1500	420
355M(4-8P)	610	125	735	735	640	330	560	775	254	95	M24 X 50	170	140	25	86	14	355	49	1000	28	M63 X 1.5	1530	450
*355M(4-8P)	610	125	735	735	640	330	560	775	254	100	M24 X 50	210	160	28	90	16	355	49	1000	28	M63 X 1.5	1570	490
355L(4-8P)	610	125	735	735	640	330	630	775	254	95	M24 X 50	170	140	25	86	14	355	49	1000	28	M63 X 1.5	1530	450
*355L(4-8P)	610	125	735	735	640	330	630	775	254	100	M24 X 50	210	160	28	90	16	355	49	1000	28	M63 X 1.5	1570	490

*These motors can also be supplied. Please state the dimensions of the shaft extention on order.

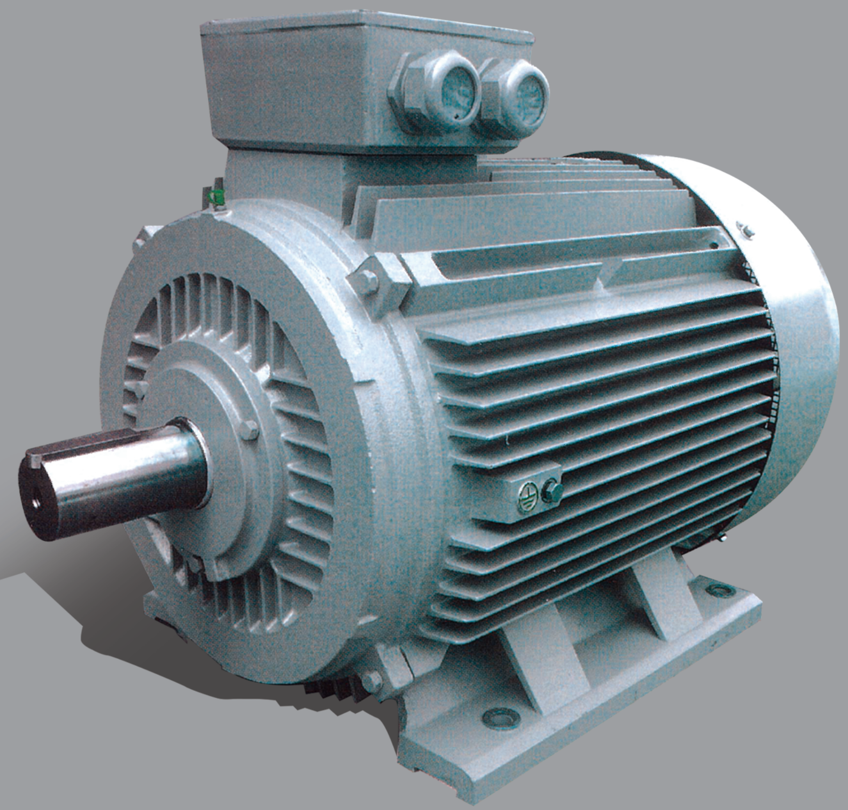


Mounting IM B5

Dimensions Three - phase Motors BR Series CAST IRON

Frame size	AC	AD	AD[1]	AG	D	DH	E	ED	F	G	GD	KK	L	LA	LG	M	N	P	S	T
80M	175	150	140	51	19	M6x16	40	25	6	15.5	6	M25X1.5	295	12	106	165	130	200	12	3.5
90S	190	165	150	60	24	M8x19	50	40	8	20	7	M25X1.5	320	12	124	165	130	200	12	3.5
90L	190	165	150	60	24	M8x19	50	40	8	20	7	M25X1.5	345	12	124	165	130	200	12	3.5
100L	215	170	160	60	28	M10x22	60	45	8	24	7	M25X1.5	385	14	140	215	180	250	14.5	4
112M	236	195	185	75	28	M10x22	60	45	8	24	7	M32X1.5	410	14	145	215	180	250	14.5	4
132S	275	215	205	75	38	M12x28	80	63	10	33	8	M32X1.5	480	14	169	265	230	300	14.5	4
132M	275	215	205	75	38	M12x28	80	63	10	33	8	M32X1.5	520	14	169	265	230	300	14.5	4
160M	330	265	250	95	42	M16x36	110	90	12	37	8	M40X1.5	610	15	270	300	250	350	18.5	5
160L	330	265	250	95	42	M16x36	110	90	12	37	8	M40X1.5	655	15	270	300	250	350	18.5	5
180M	380	280	270	95	48	M16x36	110	90	14	42.5	9	M40X1.5	680	15	277	300	250	350	18.5	5
180L	380	280	270	95	48	M20x42	110	90	14	42.5	9	M40X1.5	720	15	277	300	250	350	18.5	5
200L	420	315	325	120	55	M20x42	110	90	16	49	10	M50X1.5	760	17	300	350	300	400	18.5	5
225S(4-8P)	465	335	335	120	60	M20x42	140	110	18	53	11	M50X1.5	825	20	340	400	350	450	18.5	5
225M(2P)	465	335	335	120	55	M20x42	110	90	16	49	10	M50X1.5	820	20	310	400	350	450	18.5	5
225M(4-8P)	465	335	335	120	60	M20x42	140	110	18	53	11	M50X1.5	850	20	340	400	350	450	18.5	5
250M(2P)	520	375	370	160	60	M20x42	140	110	18	53	11	M63X1.5	925	20	353	500	450	550	18.5	5
250M1(4-8P)	520	375	370	160	65	M20x42	140	110	18	58	11	M63X1.5	925	20	353	500	450	550	18.5	5
250M2(4P)	520	375	370	160	70	M20x42	140	110	20	62.5	12	M63X1.5	925	20	353	500	450	550	18.5	5
280S(2P)	570	405	400	160	65	M20x42	140	110	18	58	11	M63X1.5	960	22	350	500	450	550	18.5	5
280S(4-8P)	570	405	400	160	75	M20x42	140	110	20	67.5	12	M63X1.5	975	22	350	500	450	550	18.5	5
280M(2P)	570	405	400	160	65	M20x42	140	110	18	58	11	M63X1.5	1000	22	350	500	450	550	18.5	5
280M1(4-8P)	570	405	400	160	75	M20x42	140	110	20	67.5	12	M63X1.5	1015	22	350	500	450	550	18.5	5
280M2(4P)	570	405	400	160	80	M20x42	170	140	22	71	14	M63X1.5	1060	22	450	550	450	550	18.5	5
315S(2P)	650	500	495	195	65	M20x42	140	110	18	58	11	M63X1.5	1160	24	387	600	550	660	24	6
315M(2P)	650	500	495	195	65	M20x42	140	110	18	58	11	M63X1.5	1270	24	387	600	550	660	24	6
315L(2P)	650	500	495	195	65	M20x42	140	110	18	58	11	M63X1.5	1270	24	387	600	550	660	24	6
315S(4-8P)	650	500	495	195	80	M20x42	170	140	22	71	14	M63X1.5	1190	24	417	600	550	660	24	6
315M(4-8P)	650	500	495	195	80	M20x42	170	140	22	71	14	M63X1.5	1300	24	417	600	550	660	24	6
315L(4-8P)	650	500	495	195	80	M20x42	170	140	22	71	14	M63X1.5	1300	24	417	600	550	660	24	6
355M(2P)V1	735	645	640	330	75	M24x50	140	110	20	67.5	12	M63X1.5	1500	25	420	740	680	800	24	6
355L(2P)V1	735	645	640	330	75	M24x50	140	110	20	67.5	12	M63X1.5	1500	25	420	740	680	800	24	6
355M(4-8P)V1	735	645	640	330	95	M24x50	170	140	25	86	14	M63X1.5	1530	25	450	740	680	800	24	6
*355M(4-8P)V1	735	645	640	330	100	M24x50	210	160	28	90	16	M63X1.5	1570	25	490	740	680	800	24	6
355L (4-8P)V1	735	645	640	330	95	M24x50	170	140	25	86	14	M63X1.5	1530	25	450	740	680	800	24	6
*355M(4-8P)V1	735	645	640	330	100	M24x50	210	160	28	90	16	M63X1.5	1570	25	490	740	680	800	24	6

The 'R' dimension is zero   The motors of B5 are supplied only up to frame size 315 *These motors can also be supplied. Please state the dimensions of the shaft extention on order.



Three Phase induction Motor

Class F Insulation, IP55 Protection, IEC Standard

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