Transmission Australia – Cast Iron Motor Range
Performance data

3 Phase, 415V, 50Hz, IP55

kW	Motor frame	Speed [r/min]	Efficiency [%] at % full load 125	**100**	75	50	Power factor, cos φ at % full load 125	**100**	75	50	Current Full load I_N [A]	Locked rotor I_L/I_N	t_E time[2] [sec]	Torque Full load T_N [Nm]	Locked rotor T_L/T_N	Break down T_B/T_N	Moment of inertia J=¼GD² [kg·m²]	Weight of foot mount motor [kg]
3000 r/min = 2 poles																		
0.75	**80 A**	2815	75.3	**76.2**	75.7	72.3	0.88	**0.83**	0.78	0.67	1.7	5.9	17	2.5	2.8	3.6	0.00075	16
1.1	**80 B**	2830	77.5	**79.3**	80.0	78.2	0.89	**0.84**	0.82	0.72	2.3	6.0	11	3.7	2.6	2.9	0.0009	17
1.5	**90 S**	2850	79.3	**80.4**	80.2	77.3	0.88	**0.84**	0.80	0.70	3.1	6.5	11	5.0	2.8	3.3	0.0012	22
2.2	**90 L**	2830	79.4	**81.6**	82.7	81.6	0.90	**0.87**	0.84	0.74	4.3	6.4	6	7.4	2.8	2.8	0.0014	24
3.0	**100 L**	2870	82.1	**83.4**	83.4	81.3	0.90	**0.88**	0.85	0.76	5.7	7.5	7	10.0	2.8	3.3	0.0029	36
4.0	**112 M**	2895	85.2	**85.5**	85.5	83.5	0.90	**0.89**	0.85	0.76	7.3	8.0	7	13.2	2.7	3.4	0.0055	41
5.5	**132 SA**	2910	85.7	**85.7**	84.5	81.5	0.92	**0.88**	0.88	0.82	10.1	7.4	11	18.1	2.2	3.2	0.0109	64
7.5	**132 SB**	2895	85.9	**87.0**	86.9	85.3	0.91	**0.90**	0.89	0.84	13.3	7.2	7	24.7	2.2	2.8	0.0126	68
11	**160 MA**	2935	88.4	**88.4**	87.4	85.3	0.89	**0.89**	0.87	0.83	19.5	7.1	25	35.8	2.2	2.9	0.0377	117
15	**160 MB**	2930	88.8	**89.4**	88.5	86.2	0.90	**0.89**	0.88	0.83	26.1	6.9	14	48.9	2.1	2.8	0.0499	125
18.5	**160 L**	2930	90.2	**90.5**	90.2	88.6	0.91	**0.91**	0.90	0.87	31.3	7.3	10	60.3	2.3	3.0	0.055	147
22	**180 M**	2930	90.4	**90.5**	89.9	87.7	0.92	**0.90**	0.89	0.85	37.7	7.1	7	71.7	2.3	2.9	0.075	180
30	**200 LA**	2955	91.4	**91.4**	90.3	87.7	0.88	**0.85**	0.83	0.75	53.5	8.3	12	97	2.5	3.3	0.124	240
37	**200 LB**	2955	92.0	**92.0**	91.2	89.3	0.90	**0.89**	0.87	0.81	63	8.1	6	120	2.8	3.1	0.139	260
45	**225 M**	2970	93.5	**92.5**	90.9	88.4	0.89	**0.89**	0.88	0.84	76	7.6	7	145	2.0	2.9	0.233	325
55	**250 M**	2975	93.4	**93.0**	91.9	89.2	0.88	**0.86**	0.84	0.78	96	7.6	8	177	2.4	3.2	0.312	405
75	**280 S**	2970	93.1	**93.6**	93.1	91.5	0.89	**0.90**	0.88	0.84	124	6.1	-	241	2.1	3.0	0.597	550
90	**280 M**	2980	94.1	**94.1**	93.1	92.1	0.89	**0.90**	0.87	0.85	148	7.4	-	288	2.6	3.1	0.675	610
110	**315 S**	2980	93.9	**94.4**	93.9	92.4	0.90	**0.90**	0.87	0.82	181	7.6	-	353	2.5	3.0	1.18	980
132	**315 MA**	2980	93.8	**94.8**	94.3	92.8	0.88	**0.88**	0.85	0.80	220	7.0	-	423	2.3	2.9	1.82	1080
160	**315 LA**	2980	94.5	**95.0**	94.5	93.0	0.91	**0.91**	0.88	0.82	259	7.4	-	513	2.5	2.9	2.08	1160
200	**315 LB**	2980	94.5	**95.0**	94.5	93.0	0.91	**0.90**	0.88	0.82	324	7.4	-	641	2.5	2.9	2.38	1210
220[1]	**315 LC**	2980	94.0	**95.0**	94.5	93.5	0.90	**0.90**	0.89	0.83	357	6.7	-	705	2.3	2.6	2.45	1250
250[1]	**355 MB**	2985	94.5	**95.0**	94.0	92.5	0.90	**0.90**	0.88	0.81	407	6.8	-	800	1.7	3.1	3.00	1770
315[1]	**355 LB**	2985	95.2	**95.2**	95.2	94.0	0.91	**0.91**	0.89	0.81	506	6.8	-	1008	1.7	3.0	3.50	1900
3000 r/min = 2 poles – High Output Design[3]																		
5.5[1]	**112 MB**	2855	82.0	**83.5**	83.6	81.6	0.90	**0.88**	0.84	0.74	10.4	6.8	-	18.4	2.5	3.0	0.0063	44
11[1]	**132 MB**	2865	85.0	**86.5**	86.9	85.8	0.92	**0.91**	0.90	0.85	19.4	6.9	-	36.7	2.3	2.9	0.0145	74
75[1]	**250 MB**	2960	93.7	**93.8**	93.7	92.5	0.90	**0.90**	0.89	0.86	123	6.1	-	242	2.0	2.3	0.426	430
110[1]	**280 MB**	2975	94.3	**94.4**	93.4	91.7	0.89	**0.89**	0.86	0.81	183	7.5	-	353	2.9	3.4	0.825	670

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[1] Class F temperature rise

[2] t_E time applies to Ex e motors only and is explained in the hazardous areas section.

[3] High Output design. The output of these motors is one step higher than the basic design with rated outputs in accordance with CENELEC.

3 Phase, 415V, 50Hz, IP55

kW	Motor frame	Speed [r/min]	Efficiency [%] at % full load				Power factor, cos φ at % full load				Current			Torque			Moment of inertia J=¼GD² [kg·m²]	Weight of foot mount motor [kg]
			125	**100**	75	50	125	**100**	75	50	Full load I_N [A]	Locked rotor I_L/I_N	t_E time[2] [sec]	Full load T_N [Nm]	Locked rotor T_L/T_N	Break down T_B/T_N		
1500 r/min = 4 poles																		
0.37	**71 B**	1345	65.2	**69.3**	71.0	68.4	0.81	**0.76**	0.65	0.52	1.0	4.1	35	2.6	2.2	2.2	0.0008	11
0.55	**80 A**	1390	71.8	**72.8**	72.6	69.0	0.80	**0.75**	0.66	0.55	1.4	4.8	25	3.8	2.5	2.6	0.0018	17
0.75	**80 B**	1390	72.6	**74.4**	74.2	70.0	0.79	**0.74**	0.65	0.54	1.9	4.6	18	5.2	2.5	2.6	0.0021	17
1.1	**90 S**	1410	75.3	**77.4**	77.8	75.0	0.83	**0.79**	0.70	0.57	2.5	5.4	10	7.5	2.8	2.9	0.0023	20
1.5	**90 L**	1390	76.0	**78.5**	78.1	76.7	0.85	**0.81**	0.75	0.64	3.3	5.3	8	10.3	2.7	2.8	0.0027	26
2.2	**100 LA**	1430	81.6	**82.5**	83.0	81.1	0.86	**0.82**	0.76	0.65	4.5	6.7	11	14.7	2.8	3.3	0.0054	35
3	**100 LB**	1420	81.1	**82.6**	83.2	81.6	0.87	**0.86**	0.78	0.66	5.9	6.7	7	20.2	2.9	2.9	0.0067	36
4	**112 M**	1440	84.1	**85.0**	84.8	82.7	0.86	**0.83**	0.76	0.64	7.9	7.6	7	26.5	3.1	3.5	0.0095	49
5.5	**132 S**	1450	85.7	**86.7**	86.8	85.6	0.87	**0.87**	0.81	0.71	10.2	6.9	11	36.2	2.3	3.0	0.0214	63
7.5	**132 M**	1450	86.8	**87.9**	88.2	87.2	0.88	**0.87**	0.83	0.74	13.7	7.5	9	50.0	2.6	2.9	0.0296	76
11	**160 M**	1460	88.4	**89.2**	89.2	87.8	0.86	**0.85**	0.83	0.75	20.1	6.8	12	72	2.0	2.8	0.0747	123
15	**160 L**	1460	88.4	**89.7**	89.7	88.4	0.86	**0.85**	0.82	0.75	27.3	7.1	10	98	2.3	2.9	0.0918	144
18.5	**180 M**	1470	90.2	**90.7**	90.6	89.2	0.90	**0.89**	0.86	0.77	32	7.0	17	120	2.1	3.1	0.139	182
22	**180 L**	1470	91.0	**91.6**	91.7	90.7	0.90	**0.88**	0.85	0.75	38	7.6	14	143	2.2	3.6	0.158	190
30	**200 L**	1475	92.0	**92.6**	92.4	91.6	0.89	**0.87**	0.84	0.75	52	7.6	10	194	2.4	3.1	0.262	260
37	**225 S**	1480	92.6	**92.8**	92.7	91.5	0.88	**0.87**	0.84	0.75	64	7.4	7	239	2.2	2.9	0.406	310
45	**225 M**	1480	92.7	**93.4**	93.3	92.5	0.90	**0.89**	0.87	0.81	75	7.4	7	291	2.1	2.9	0.469	388
55	**250 M**	1480	93.6	**94.0**	94.2	93.6	0.91	**0.89**	0.88	0.82	91	7.5	8	355	2.6	3.1	0.66	405
75	**280 S**	1480	93.7	**94.0**	93.5	92.0	0.91	**0.91**	0.89	0.84	122	6.7	-	484	2.1	3.2	1.12	565
90	**280 M**	1485	93.9	**94.0**	93.5	91.8	0.89	**0.88**	0.86	0.80	152	6.7	-	579	2.4	3.3	1.46	662
110	**315 S**	1485	94.7	**94.4**	93.5	91.4	0.88	**0.88**	0.87	0.81	184	6.0	-	707	1.9	2.8	3.11	1000
132	**315 MA**	1485	94.8	**94.8**	94.8	93.3	0.91	**0.91**	0.88	0.82	213	6.0	-	849	2.3	2.7	3.62	1100
160	**315 LA**	1485	94.5	**95.0**	94.5	93.5	0.88	**0.88**	0.85	0.78	265	6.7	-	1029	2.2	2.9	4.13	1140
200	**315 LB**	1485	94.6	**95.0**	94.1	92.7	0.90	**0.89**	0.87	0.81	329	7.6	-	1286	2.6	3.2	4.73	1225
220[1]	**315 LC**	1485	94.0	**95.0**	94.1	92.6	0.90	**0.91**	0.89	0.83	356	6.9	-	1415	2.4	2.9	4.8	1230
250	**355 MB**	1485	95.0	**95.0**	94.4	93.4	0.88	**0.89**	0.87	0.79	411	6.3	-	1608	1.7	3.0	6.5	1800
315[1]	**355 LB**	1489	95.5	**95.5**	95.0	93.8	0.87	**0.88**	0.86	0.79	524	6.5	-	2020	1.7	2.9	8.2	1940
1500 r/min = 4 poles – High Output Design[3]																		
11[1]	**132 MB**	1435	84.8	**86.2**	86.4	85.1	0.89	**0.88**	0.84	0.75	20.3	7.0	-	73	2.1	2.3	0.0344	81
75[1]	**250 MB**	1480	94.4	**94.9**	95.2	94.8	0.89	**0.89**	0.86	0.79	123	7.0	-	484	2.0	2.4	0.90	450
110[1]	**280 MB**	1485	94.2	**94.4**	94.2	92.8	0.90	**0.90**	0.87	0.80	180	6.5	-	707	1.9	2.6	1.78	720

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[1] Class F temperature rise.

[2] t_E time applies to Ex e motors only and is explained in the hazardous areas section.

[4] High Output design. The output of these motors is one step higher than the basic design with rated outputs in accordance with CENELEC.

3 Phase, 415V, 50Hz, IP55

kW	Motor frame	Speed [r/min]	Efficiency [%] at % full load 125	**100**	75	50	Power factor, cos φ at % full load 125	**100**	75	50	Current Full load I_N [A]	Locked rotor I_L/I_N	t_E time[2] [sec]	Torque Full load T_N [Nm]	Locked rotor T_L/T_N	Break down T_B/T_N	Moment of inertia J=¼GD² [kg·m²]	Weight of foot mount motor [kg]
1000 r/min = 6 poles																		
0.37	**80 A**	915	59.6	**66.5**	67.7	64.2	0.77	**0.70**	0.62	0.49	1.1	2.8	65	3.9	1.6	1.7	0.0016	16
0.55	**80 B**	910	64.5	**68.2**	68.4	64.1	0.75	**0.66**	0.59	0.47	1.7	3.1	35	5.8	1.7	2.0	0.0019	16
0.75	**90 S**	930	72.8	**74.4**	73.9	70.6	0.79	**0.74**	0.64	0.52	1.9	4.6	30	7.7	2.4	2.6	0.0029	21
1.1	**90 L**	920	71.8	**75.2**	74.7	72.1	0.80	**0.75**	0.66	0.53	2.7	4.5	14	11.4	2.4	2.4	0.0035	24
1.5	**100 L**	945	76.0	**77.6**	77.6	74.8	0.80	**0.73**	0.66	0.54	3.7	5.1	8	15.2	2.2	2.9	0.0069	32
2.2	**112 M**	945	78.6	**79.9**	79.9	76.7	0.78	**0.75**	0.66	0.52	5.1	5.6	12	22.2	2.7	2.8	0.014	40
3	**132 S**	970	83.7	**84.5**	84.6	82.0	0.82	**0.77**	0.71	0.57	6.4	6.7	12	30	2.3	3.2	0.0286	60
4	**132 MA**	965	83.8	**84.6**	84.7	82.6	0.81	**0.77**	0.70	0.58	8.5	6.8	9	40	2.5	3.1	0.0357	70
5.5	**132 MB**	960	84.6	**85.7**	86.0	84.4	0.84	**0.81**	0.76	0.64	11.0	6.9	9	55	2.4	3.0	0.0449	80
7.5	**160 M**	970	86.0	**87.0**	87.0	85.5	0.79	**0.76**	0.71	0.60	15.8	5.5	18	74	2.0	2.6	0.0881	130
11	**160 L**	970	88.4	**89.0**	89.5	89.0	0.83	**0.78**	0.73	0.64	22	6.3	16	108	2.1	2.5	0.116	147
15	**180 L**	970	88.3	**89.1**	89.1	87.8	0.86	**0.84**	0.79	0.70	28	6.0	20	148	2.0	2.7	0.207	195
18.5	**200 LA**	980	89.4	**90.0**	90.2	88.9	0.86	**0.82**	0.78	0.67	35	6.8	12	180	2.1	3.3	0.315	225
22	**200 LB**	980	89.5	**90.1**	90.1	88.6	0.86	**0.83**	0.78	0.67	41	7.0	10	214	2.3	3.5	0.36	255
30	**225 M**	985	91.3	**91.8**	91.5	90.2	0.84	**0.83**	0.79	0.71	55	7.0	16	290	2.1	3.0	0.547	297
37	**250 M**	985	92.6	**92.9**	92.8	91.8	0.89	**0.88**	0.86	0.79	63	7.5	15	358	2.2	3.0	0.834	413
45	**280 S**	985	92.5	**93.0**	92.5	91.5	0.86	**0.86**	0.83	0.76	78	6.4	-	436	1.9	3.1	1.39	536
55	**280 M**	985	92.5	**93.0**	92.5	91.5	0.87	**0.87**	0.85	0.77	95	6.4	-	533	2.0	3.2	1.65	595
75	**315 S**	990	93.5	**94.0**	93.5	92.0	0.87	**0.88**	0.85	0.78	126	6.3	-	723	1.8	2.9	4.11	990
90	**315 MA**	990	94.0	**94.0**	93.5	92.0	0.88	**0.88**	0.85	0.78	151	6.2	-	873	1.7	2.8	4.78	1080
110	**315 LA**	990	94.1	**94.3**	93.9	92.5	0.86	**0.86**	0.84	0.77	189	6.5	-	1061	1.9	3.1	5.45	1150
132	**315 LB**	990	94.5	**94.7**	94.2	93.0	0.86	**0.86**	0.84	0.77	226	6.6	-	1273	1.9	3.1	6.12	1210
160[1)]	**355 MA**	990	94.1	**94.9**	94.2	93.0	0.87	**0.87**	0.87	0.82	270	6.7	-	1543	1.8	2.4	9.5	1590
200[1)]	**355 MC**	985	94.7	**94.9**	94.5	93.7	0.89	**0.89**	0.87	0.83	330	6.3	-	1939	2.0	2.5	10.4	1760
250[1)]	**355 LB**	990	95.0	**95.0**	95.0	94.0	0.88	**0.88**	0.86	0.80	416	6.4	-	2412	1.9	2.4	12.4	1990

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[1)] Class F temperature rise

3 Phase, 415V, 50Hz, IP55

kW	Motor frame	Speed [r/min]	Efficiency % at % full load 125	**100**	75	50	Power factor, cos φ at % full load 125	**100**	75	50	Current Full load I_N [A]	Locked rotor I_L/I_N	t_E time[2] [sec]	Torque Full load T_N [Nm]	Locked rotor T_L/T_N	Break down T_B/T_N	Moment of inertia J=¼GD² [kg·m²]	Weight of foot mount motor [kg]
750 r/min = 8 poles																		
1.1	**100 LB**	710	71.5	**72.1**	70.5	64.7	0.71	**0.62**	0.54	0.42	3.4	4.2	16	14.8	2.3	2.8	0.011	33
1.5	**112 M**	700	75.2	**77.2**	77.3	74.5	0.75	**0.69**	0.60	0.48	3.9	4.5	25	20.5	2.0	2.5	0.0245	45
2.2	**132 S**	715	80.6	**81.9**	82.2	79.7	0.79	**0.73**	0.66	0.52	5.1	5.3	20	29.4	2.1	2.8	0.0314	61
3	**132 M**	715	81.5	**83.0**	83.4	81.5	0.79	**0.75**	0.67	0.54	6.7	5.6	20	40.1	2.3	2.9	0.0395	74
4	**160 MA**	720	85.1	**86.0**	85.8	84.1	0.76	**0.74**	0.64	0.52	8.8	6.2	30	53.1	2.4	3.2	0.0753	118
5.5	**160 MB**	715	85.1	**86.6**	87.3	86.3	0.80	**0.77**	0.71	0.59	11.5	5.8	25	73.5	2.2	2.8	0.0931	119
7.5	**160 L**	715	85.2	**87.2**	88.1	87.8	0.83	**0.79**	0.74	0.63	15.1	5.9	30	100	2.3	2.9	0.126	145
11	**180 L**	730	86.8	**87.8**	87.9	86.4	0.81	**0.77**	0.70	0.57	22.7	6.0	14	144	1.8	2.3	0.203	184
15	**200 L**	725	86.8	**88.2**	88.7	87.9	0.80	**0.77**	0.70	0.57	31	5.5	15	198	1.9	2.3	0.339	255
18.5	**225 S**	735	90.1	**91.3**	91.5	90.6	0.78	**0.76**	0.72	0.61	37	5.2	40	241	1.8	2.2	0.491	271
22	**225 M**	730	88.2	**90.0**	90.7	90.1	0.77	**0.78**	0.75	0.66	44	4.4	35	288	1.5	1.8	0.547	297
30	**250 M**	740	92.4	**92.4**	92.3	91.3	0.86	**0.81**	0.76	0.66	56	6.2	20	387	2.0	2.4	0.834	410
37	**280 S**	740	92.4	**92.5**	92.4	91.1	0.79	**0.78**	0.73	0.63	71	5.3	-	478	1.9	2.5	1.39	525
45	**280 M**	740	92.3	**92.6**	92.6	91.5	0.80	**0.78**	0.73	0.63	87	6.2	-	581	2.2	3.2	1.65	595
55	**315 S**	740	93.0	**93.0**	93.0	91.5	0.83	**0.82**	0.76	0.66	101	6.5	-	710	1.7	2.4	4.79	1000
75	**315 MA**	740	93.5	**93.5**	93.5	92.0	0.85	**0.82**	0.78	0.67	136	6.8	-	968	1.8	2.4	5.58	1100
90	**315 LA**	740	93.5	**93.7**	93.5	92.0	0.85	**0.82**	0.78	0.67	163	7.0	-	1161	1.9	2.5	6.37	1160
110	**315 LB**	740	94.0	**94.1**	93.5	92.0	0.85	**0.83**	0.80	0.76	196	6.8	-	1420	1.7	2.3	7.23	1230
132	**355 MA**	742	94.6	**94.7**	94.4	93.1	0.83	**0.82**	0.79	0.71	236	6.2	-	1699	1.4	2.5	7.9	1660
160	**355 MB**	742	94.4	**94.7**	94.7	94.4	0.85	**0.85**	0.84	0.82	277	5.9	-	2059	1.4	2.5	10.3	1740
200	**355 LB**	742	94.5	**94.8**	94.2	92.2	0.85	**0.84**	0.83	0.80	351	6.2	-	2574	1.4	2.5	12.3	1980

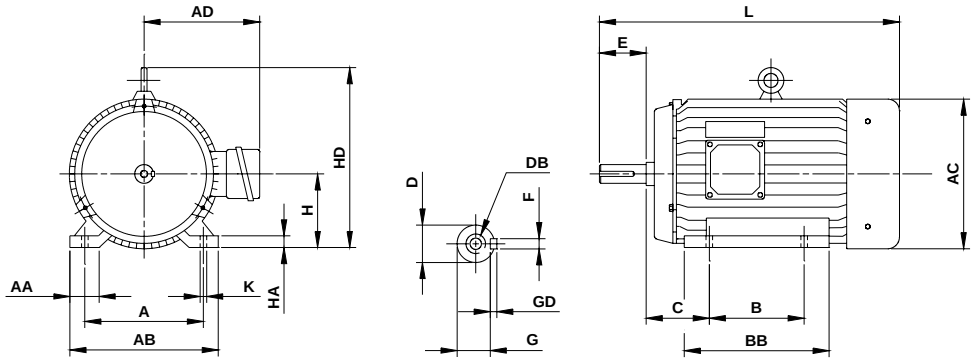
This data is provided for guidance only. Results are guaranteed only when confirmed by test results.

[2] t_E time applies to Ex e motors only and is explained in the hazardous areas section.

[1] Class F temperature rise

Dimensional drawings

Foot mount B3 (IM1001)



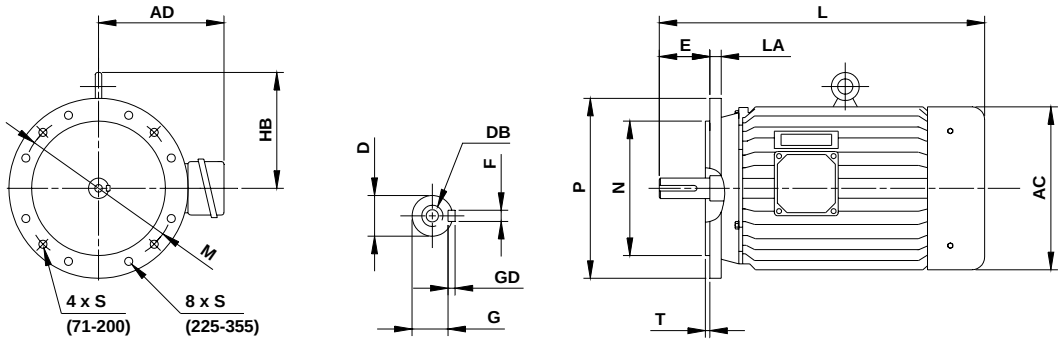
Motor frame	A	AA	AB	AC	AD	B	BB	C	D	DB	E	F	GD	G	H	HA	HD	K	L
71	112	32	144	138	126[2)]	90	120	45	14	M5	30	5	5	11	71	8	197[1) 2)]	7	249
80	125	40	165	165	145	100	130	50	19	M6	40	6	6	15.5	80	10	170[1)]	10	285
90S	140	40	180	175	150	100	130	56	24	M8	50	8	7	20	90	12	190[1)]	10	310
90L	140	40	180	175	150	125	155	56	24	M8	50	8	7	20	90	12	190[1)]	10	335
100L	160	40	205	205	170	140	176	63	28	M10	60	8	7	24	100	14	245	12	380
112M	190	50	245	230	175	140	180	70	28	M10	60	8	7	24	112	15	265	12	400
132S	216	60	280	275	195	140	200	89	38	M12	80	10	8	33	132	18	315	12	475
132M	216	60	280	275	195	178	238	89	38	M12	80	10	8	33	132	18	315	12	515
160M	254	70	320	325	255	210	270	108	42	M16	110	12	8	37	160	20	375	15	600
160L	254	70	320	325	255	254	314	108	42	M16	110	12	8	37	160	20	375	15	645
180M	279	70	356	360	270	241	311	121	48	M16	110	14	9	42.5	180	22	410	15	670
180L	279	70	356	360	270	279	349	121	48	M16	110	14	9	42.5	180	22	410	15	710
200L	318	75	395	400	310	305	375	133	55	M20	110	16	10	49	200	25	460	19	775
225S	356	75	435	450	335	286	368	149	60*	M20	140*	18*	11*	53*	225	28	520	19	820*
225M	356	75	435	450	335	311	393	149	60*	M20	140*	18*	11*	53*	225	28	520	19	845*
250M	406	80	490	495	385	349	455	168	65*	M20	140*	18*	11*	58*	250	30	575	24	930*
280S	457	85	550	555	410	368	530	190	75*	M20	140*	20*	12*	67.5*	280	35	640	24	1000*
280M	457	85	550	555	410	419	581	190	75*	M20	140*	20*	12*	67.5*	280	35	640	24	1050*
315S	508	125	635	640	530	406	620	216	80*	M20	170*	22*	14*	71*	315	50	770	28	1200*
315M	508	125	635	640	530	457	670	216	80*	M20	170*	22*	14*	71*	315	50	770	28	1250*
315L	508	125	635	640	530	508	720	216	80*	M20	170*	22*	14*	71*	315	50	770	28	1350*
355M	610	135	730	715	608	560	810	254	95*	M20	170*	25*	14*	86*	355	52	847	28	1555*
355L	610	135	730	715	608	630	810	254	95*	M20	170*	25*	14*	86*	355	52	847	28	1555*

[1)] No eye bolt frames 71 to 90.

*2 pole variances

Motor frame	D	E	F	GD	G	L
225S	55	110	16	10	49	790
225M	55	110	16	10	49	815
250M	60	140	18	11	53	930
280S	65	140	18	11	58	1000
280M	65	140	18	11	58	1050
315S	65	140	18	11	58	1170
315M	65	140	18	11	58	1220
315L	65	140	18	11	58	1320
355M	75	140	20	12	67.5	1525
355L	75	140	20	12	67.5	1525

Large flange mount B5 (IM3001)



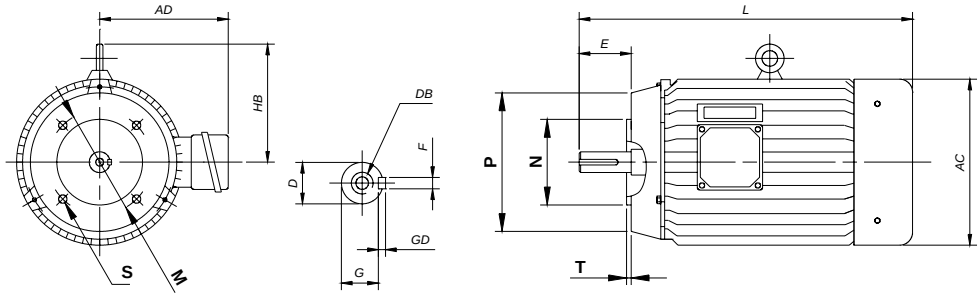
Motor frame	AC	AD	D	DB	E	F	GD	G	HB	L	LA	M	N	P	S	T
71	138	126[2)]	14	M5	30	5	5	11	126[1)2)]	249	12	130	110	160	10	3.5
80	165	145	19	M6	40	6	6	15.5	90[1)]	285	12	165	130	200	12	3.5
90S	175	150	24	M8	50	8	7	20	100[1)]	310	12	165	130	200	12	3.5
90L	175	150	24	M8	50	8	7	20	100[1)]	335	12	165	130	200	12	3.5
100L	205	170	28	M10	60	8	7	24	145	380	14	215	180	250	15	4.0
112M	230	175	28	M10	60	8	7	24	153	400	14	215	180	250	15	4.0
132S	275	195	38	M12	80	10	8	33	183	475	14	265	230	300	15	4.0
132M	275	195	38	M12	80	10	8	33	183	515	14	265	230	300	15	4.0
160M	325	255	42	M16	110	12	8	37	215	600	16	300	250	350	19	5.0
160L	325	255	42	M16	110	12	8	37	215	645	16	300	250	350	19	5.0
180M	360	270	48	M16	110	14	9	42.5	230	670	18	300	250	350	19	5.0
180L	360	270	48	M16	110	14	9	42.5	230	710	18	300	250	350	19	5.0
200L	400	310	55	M20	110	16	10	49	260	775	18	350	300	400	19	5.0
225S	450	335	60*	M20	140*	18*	11*	53*	295	820*	20	400	350	450	19	5.0
225M	450	335	60*	M20	140*	18*	11*	53*	295	845*	20	400	350	450	19	5.0
250M	495	385	65*	M20	140*	18*	11*	58*	325	930*	22	500	450	550	19	5.0
280S	555	410	75*	M20	140*	20*	12*	67.5*	360	1000*	22	500	450	550	19	5.0
280M	555	410	75*	M20	140*	20*	12*	67.5*	360	1050*	22	500	450	550	19	5.0
315S	640	530	80*	M20	170*	22*	14*	71*	455	1200*	25	600	550	660	24	6.0
315M	640	530	80*	M20	170*	22*	14*	71*	455	1250*	25	600	550	660	24	6.0
315L	640	530	80*	M20	170*	22*	14*	71*	455	1350*	25	600	550	660	24	6.0
355M	715	608	95*	M20	170*	25*	14*	86*	492	1555*	32	740	680	800	24	6.0
355L	715	608	95*	M20	170*	25*	14*	86*	492	1555*	32	740	680	800	24	6.0

[1)] No eye bolt frames 71 to 90.

*2 pole variances

Motor frame	D	E	F	GD	G	L
225S	55	110	16	10	49	790
225M	55	110	16	10	49	815
250M	60	140	18	11	53	930
280S	65	140	18	11	58	1000
280M	65	140	18	11	58	1050
315S	65	140	18	11	58	1170
315M	65	140	18	11	58	1220
315L	65	140	18	11	58	1320
355M	75	140	20	12	67.5	1525
355L	75	140	20	12	67.5	1525

Small flange (face) mount B14 (IM3601)



B14A

Motor frame	M	N	P	S	T
71	85	70	105	M6	2.5
80	100	80	120	M6	3.0
90	115	95	140	M8	3.0
100	130	110	160	M8	3.5
112	130	110	160	M8	3.5
132	165	130	200	M10	3.5
160	215	180	250	M12	4.0

B14B

Motor frame	M	N	P	S	T
80	130	110	160	M8	3.5
90	130	110	160	M8	3.5
100	165	130	200	M10	3.5
112	165	130	200	M10	3.5
132	215	180	250	M12	4.0

For motor frame and shaft dimensions refer large flange mount B5 dimensional drawings (previous page).