

# ceeg PREMIUM RANGE Performance Data

3000 r/min (2 Pole)

Code	Rated Power	Full Load Speed in revolutions per minute	Frame Reference & Size	Full Load Current at Rated Voltage			Efficiency	Power Factor	Full Load Torque	Direct on Line starting Torque Ratio	Direct on Line Starting Current Ratio	Direct on Line Pull Out Torque Ratio	Direct on Line Pull Up Torque	Star Delta Starting Torque Ratio	Star Delta Starting Current Ratio	Star Delta Pull Aup Torque	Rotor Inertia $WK^2$	Mean Sound Pressure Level @ 1m on no Load	Weight
	kw	n min <sup>-1</sup>		380V A	400V A	415V A	$\eta$ 1.0 P <sub>N</sub> 0.75 P <sub>N</sub> 0.5 P <sub>N</sub>	Cos $\phi$ 1.0 P <sub>N</sub> 0.75 P <sub>N</sub> 0.5 P <sub>N</sub>	$\underline{M}_N$ Nm	$\underline{M}_A$ M <sub>N</sub>	$\underline{I}_A$ I <sub>N</sub>	$\underline{M}_X$ M <sub>N</sub>	$\underline{M}_S$ M <sub>N</sub>	$\underline{M}_A$ M <sub>N</sub> Y	$\underline{I}_A$ I <sub>N</sub> Y	$\underline{M}_S$ M <sub>N</sub> Y	J kgm <sup>2</sup>	L <sup>P.A</sup> dB(A)	Kg
DG1018	0.75	2840	DG80M1	1.75	1.66	1.6	80.5 80.8 79.5	0.81 0.73 0.59	2.52	2.2	8	2.3	1.5	—	—		0.0013	59	20
DG1021	1.1	2840	DG80M2	2.46	2.34	2.25	82.8 83.2 82.4	0.82 0.75 0.61	3.7	2.2	8	2.3	1.5	—	—		0.0016	59	22
DG1027	1.5	2840	DG90S	3.19	3.03	2.92	84.1 84.7 84.2	0.85 0.78 0.65	5.04	2.2	8	2.3	1.5	—	—		0.0031	64	27
DG1036	2.2	2840	DG90L	4.59	4.36	4.21	85.6 86.0 85.7	0.85 0.80 0.68	7.4	2.2	8	2.3	1.4	—	—		0.0038	64	30
DG1042	3	2880	DG100L	6.04	5.74	5.53	86.7 87.3 86.8	0.87 0.83 0.71	9.95	2.2	8	2.3	1.4	—	—		0.0064	68	41
DG1051	4	2890	DG112M	7.97	7.58	7.30	87.6 88.3 87.8	0.87 0.83 0.72	13.2	2.2	8	2.3	1.4	0.73	2.7		0.009	69	45
DG1057	5.5	2900	DG132S1	10.7	10.2	9.81	88.6 89.2 88.7	0.88 0.84 0.75	18.1	2.2	8	2.3	1.2	0.73	2.7		0.018	72	68
DG1063	7.5	2900	DG132S2	14.5	13.7	13.2	89.5 90.1 89.6	0.88 0.84 0.75	24.7	2	8	2.3	1.2	0.67	2.7		0.023	72	74
DG1072	11	2930	DG160M1	21	19.9	19.2	90.6 91.1 90.8	0.88 0.84 0.75	35.9	2	8	2.3	1.2	0.67	2.7		0.05	78	110
DG1078	15	2930	DG160M2	28.4	26.9	26	91.3 91.8 91.3	0.88 0.85 0.76	48.9	2	8	2.3	1.2	0.67	2.7		0.062	78	125
DG1081	18.5	2930	DG160L	34.8	33.1	31.9	91.8 92.3 91.8	0.88 0.85 0.77	60.3	2	8	2.3	1.1	0.67	2.7		0.073	78	140
DG4087	22	2940	DG180M	40.7	38.7	37.3	92.2 92.7 92.3	0.89 0.86 0.78	71.5	2	7.5	2.3	1.1	0.67	2.7		0.1	81	185
DG4090	30	2950	DG200L1	55.1	52.4	50.5	92.9 93.4 93.1	0.89 0.86 0.78	97.1	1.8	7.5	2.3	1.1	0.60	2.5		0.15	84	220
DG4093	37	2950	DG200L2	67.7	64.3	62	93.3 93.8 93.5	0.89 0.86 0.78	120	1.8	7.5	2.3	1.1	0.60	2.5		0.18	84	240

Code	Rated Power	Full Load Speed in revolutions per minute	Frame Reference & Size	Full Load Current at Rated Voltage			Efficiency	Power Factor	Full Load Torque	Direct on Line starting Torque Ratio	Direct on Line Starting Current Ratio	Direct on Line Pull Out Torque Ratio	Direct on Line Pull Up Torque	Star Delta Starting Torque Ratio	Star Delta Starting Current Ratio	Star Delta Pull Aup Torque	Rotor Inertia $Wk^2$	Mean Sound Pressure Level @ 1m on no Load	Weight
	kw	n min <sup>-1</sup>		$I_N$			$\eta$ <b>1.0 P<sub>N</sub></b> 0.75 P <sub>N</sub> 0.5P <sub>N</sub>	<b>Cos <math>\phi</math></b> <b>1.0 P<sub>N</sub></b> 0.75 P <sub>N</sub> 0.5P <sub>N</sub>	$\underline{M_N}$ Nm	$\underline{M_A}$ M <sub>N</sub>	$I_A$ I <sub>N</sub>	$\underline{M_X}$ M <sub>N</sub>	$\underline{M_S}$ M <sub>N</sub>	$\underline{M_A}$ M <sub>N</sub>	$I_A$ I <sub>N</sub>	$\underline{M_S}$ M <sub>N</sub>	J kgm <sup>2</sup>	L <sup>PA</sup> dB(A)	Kg
DG4096	45	2970	DG225M	82	77.9	75.1	<b>93.7</b> 94.2 94.0	<b>0.89</b> 0.86 0.79	145	1.7	7.5	2.3	1.0	0.57	2.5		0.3	84	305
DG4099	55	2970	DG250S	99.9	94.9	91.5	<b>94.0</b> 94.4 94.2	<b>0.89</b> 0.86 0.79	177	1.7	7.5	2.3	1.0	0.57	2.5		0.38	85	380
DG4102	75	2970	DG250M	135	129	124	<b>94.6</b> 95.0 94.8	<b>0.89</b> 0.87 0.80	241	1.7	7.5	2.3	0.9	0.57	2.5		0.49	86	430
DG4105	90	2970	DG280S	162	154	148	<b>95.0</b> 95.3 95.2	<b>0.90</b> 0.87 0.80	289	1.7	7.5	2.3	0.9	0.57	2.5		0.8	86	570
DG4108A	110	2970	DG280M	195	186	179	<b>95.1</b> 95.4 95.2	<b>0.90</b> 0.87 0.81	354	1.7	7.5	2.3	0.9	0.57	2.5		0.95	88	630
DG1111	132	2980	DG315S	234	222	214	<b>95.4</b> 95.6 95.5	<b>0.90</b> 0.88 0.82	423	1.5	7.1	2.2	0.9	0.50	2.4		2	88	980
DG4144	160	2980	DG315M	283	269	259	<b>95.5</b> 95.6 95.5	<b>0.90</b> 0.88 0.83	513	1.5	7.1	2.2	0.9	0.50	2.4		2.2	91	1040
DG4120	200	2980	DG315L	354	336	324	<b>95.5</b> 95.7 95.6	<b>0.90</b> 0.88 0.84	641	1.5	7.1	2.2	0.8	0.50	2.4		2.5	91	1120
DG4123	220	2980	DG355M1	385	365	352	<b>95.5</b> 95.6 95.5	<b>0.91</b> 0.89 0.84	705	1.4	7.1	2.2	0.8	0.47	2.4		3	95	1580
DG4126	250	2980	DG355M2	436	414	399	<b>95.8</b> 95.8 95.7	<b>0.91</b> 0.89 0.83	801	1.4	7.1	2.2	0.8	0.47	2.4		3.4	95	1680
DG4129	280	2980	DG355L1	483	459	442	<b>95.8</b> 95.8 95.7	<b>0.92</b> 0.89 0.84	897	1.4	7.1	2.2	0.8	0.47	2.4		4.1	95	1850
DG4132	315	2980	DG355L2	543	516	497	<b>95.8</b> 95.8 95.7	<b>0.92</b> 0.89 0.84	1009	1.4	7.1	2.2	0.8	0.47	2.4		4.1	95	1850

# ceeg PREMIUM RANGE Performance Data

1500 r/min (4 Pole)

Code	Rated Power	Full Load Speed in revolutions per minute	Frame Reference & Size	Full Load Current at Rated Voltage			Efficiency	Power Factor	Full Load Torque	Direct on Line starting Torque Ratio	Direct on Line Starting Current Ratio	Direct on Line Pull Out Torque Ratio	Direct on Line Pull Up Torque	Star Delta Starting Torque Ratio	Star Delta Starting Current Ratio	Star Delta Pull Aup Torque	Rotor Inertia $Wk^2$	Mean Sound Pressure Level @ 1m on no load	Weight
	kw	n min <sup>-1</sup>		$I_N$			$\eta$ 1.0 P <sub>N</sub>	$\cos \phi$ 1.0 P <sub>N</sub>	$M_N$	$M_A$	$I_A$	$M_X$	$M_S$	$M_A$	$I_A$	$M_S$	J	L <sup>1/4</sup>	Kg
				380V A	400V A	415V A	0.75 P <sub>N</sub> 0.5P <sub>N</sub>	0.75 P <sub>N</sub> 0.5P <sub>N</sub>	Nm	M <sub>N</sub>	I <sub>N</sub>	M <sub>N</sub>	M <sub>N</sub>	M <sub>N</sub>	I <sub>N</sub>	M <sub>N</sub>	kgm <sup>2</sup>	dB(A)	
DG1111	0.55	1380	DG80M1	1.42	1.35	1.3	80.7 80.7 78.6	0.73 0.65 0.51	3.81	2.3	8	2.3	1.6	—	—		0.0022	50	21
DG1114	0.75	1380	DG80M2	1.9	1.8	1.74	82.3 82.3 80.0	0.73 0.65 0.51	5.19	2.3	8	2.3	1.6	—	—		0.0028	50	23
DG1117	1.1	1400	DG90S	2.62	2.49	2.4	83.8 83.8 81.8	0.76 0.67 0.53	7.5	2.3	8	2.3	1.6	—	—		0.0064	53	28
DG1123	1.5	1400	DG90L	3.53	3.35	3.23	85.0 85.0 83.5	0.76 0.67 0.53	10.2	2.3	8	2.3	1.6	—	—		0.0077	53	31
DG1129	2.2	1420	DG100L1	4.84	4.59	4.43	86.4 86.9 86.3	0.80 0.73 0.60	14.8	2.3	8	2.3	1.5	—	—		0.012	56	43
DG1132	3	1420	DG100L2	6.44	6.12	5.90	87.4 88.0 87.4	0.81 0.74 0.61	20.2	2.3	8	2.3	1.5	—	—		0.015	56	45
DG1138	4	1440	DG112M	8.50	8.07	7.78	88.3 88.9 88.5	0.81 0.75 0.63	26.5	2.3	8	2.3	1.5	0.77	2.7		0.024	57	57
DG1144	5.5	1440	DG132S	11.6	11	10.6	89.2 89.7 89.3	0.81 0.75 0.63	36.5	2.3	8	2.3	1.4	0.77	2.7		0.043	63	73
DG1147	7.5	1440	DG132M	15.6	14.8	14.3	90.1 90.6 90.1	0.81 0.75 0.63	49.7	2.3	8	2.3	1.4	0.77	2.7		0.057	63	86
DG1156	11	1460	DG160M	21.6	20.5	19.8	91.0 91.5 91.2	0.85 0.80 0.70	72	2.1	7.5	2.3	1.4	0.7	2.5		0.1	67	120
DG1159	15	1460	DG160L	29.2	27.7	26.7	91.8 92.3 92.0	0.85 0.80 0.70	98.1	2.1	7.5	2.3	1.4	0.7	2.5		0.13	67	140
DG4162	18.5	1470	DG180M	35.4	33.7	32.5	92.2 92.7 92.6	0.86 0.81 0.72	120	2.1	7.5	2.3	1.2	0.7	2.5		0.17	68	170
DG4165	22	1470	DG180L	42	39.9	38.4	92.6 93.2 93.1	0.86 0.81 0.72	143	2.1	7.5	2.3	1.2	0.7	2.5		0.21	68	200
DG4168	30	1470	DG200L	56.2	53.4	51.5	93.2 93.7 93.7	0.87 0.83 0.73	195	2.1	7.5	2.3	1.2	0.7	2.5		0.32	71	250

Code	Rated Power	Full Load Speed in revolutions per minute	Frame Reference & Size	Full Load Current at Rated Voltage			Efficiency	Power Factor	Full Load Torque	Direct on Line starting Torque Ratio	Direct on Line Starting Current Ratio	Direct on Line Pull Out Torque Ratio	Direct on Line Pull Up Torque	Star Delta Starting Torque Ratio	Star Delta Starting Current Ratio	Star Delta Pull Aup Torque	Rotor Inertia $Wk^2$	Mean Sound Pressure Level @ 1m on no Load	Weight
	kw	n min <sup>-1</sup>		$I_N$			$\eta$ <b>1.0 P<sub>N</sub></b> 0.75 P <sub>N</sub> 0.5P <sub>N</sub>	<b>Cos <math>\phi</math></b> <b>1.0 P<sub>N</sub></b> 0.75 P <sub>N</sub> 0.5P <sub>N</sub>	$\underline{M_N}$ Nm	$\underline{M_A}$ M <sub>N</sub>	$I_A$ I <sub>N</sub>	$\underline{M_X}$ M <sub>N</sub>	$\underline{M_S}$ M <sub>N</sub>	$\underline{M_A}$ M <sub>N</sub>	$I_A$ I <sub>N</sub>	$\underline{M_S}$ M <sub>N</sub>	J kgm <sup>2</sup>	L <sup>PA</sup> dB(A)	Kg
DG4171	37	1480	DG225S	69	65.6	63.2	<b>93.6</b> 94.1 94.1	<b>0.87</b> 0.84 0.76	239	2	7.5	2.3	1.2	0.67	2.5		0.55	73	300
DG4174	45	1480	DG225M	83.7	79.5	76.6	<b>93.9</b> 94.4 94.4	<b>0.87</b> 0.84 0.76	290	2	7.5	2.3	1.1	0.67	2.5		0.65	73	335
DG4177	55	1480	DG250S	101	95.8	92.3	<b>94.2</b> 94.6 94.6	<b>0.88</b> 0.85 0.77	355	2	7.5	2.3	1.1	0.67	2.5		0.8	75	410
DG4180A	75	1480	DG250M	137	130	125	<b>94.7</b> 95.2 95.2	<b>0.88</b> 0.85 0.77	484	1.8	7.5	2.3	1	0.6	2.5		1	78	465
DG4183	90	1480	DG280S	164	155	150	<b>95.0</b> 95.3 95.2	<b>0.88</b> 0.85 0.77	581	1.8	7.5	2.3	1.0	0.6	2.5		1.8	78	630
DG4186A	110	1480	DG280M	199	189	182	<b>95.4</b> 95.7 95.6	<b>0.88</b> 0.85 0.77	710	1.8	7.5	2.3	1.0	0.6	2.5		2.2	85	710
DG4189	132	1490	DG315S	236	224	216	<b>95.5</b> 95.7 95.5	<b>0.89</b> 0.87 0.81	846	1.6	6.9	2.2	1	0.53	2.3		4.1	85	1000
DG4192	160	1490	DG315M	285	271	261	<b>95.7</b> 95.9 95.7	<b>0.89</b> 0.87 0.81	1026	1.6	6.9	2.2	1	0.53	2.3		4.6	89	1060
DG4198	200	1490	DG315L	357	339	327	<b>95.7</b> 95.9 95.7	<b>0.89</b> 0.87 0.81	1282	1.6	6.9	2.2	0.9	0.53	2.3		5.2	89	1160
DG4201	220	1490	DG355M1	388	369	355	<b>95.7</b> 95.8 95.6	<b>0.90</b> 0.88 0.82	1410	1.6	6.9	2.2	0.9	0.53	2.3		7.4	93	1600
DG4204	250	1490	DG355M2	441	419	403	<b>95.8</b> 95.9 95.8	<b>0.90</b> 0.88 0.82	1602	1.6	6.9	2.2	0.9	0.53	2.3		8.2	93	1680
DG4207	280	1490	DG355L1	493	469	452	<b>95.8</b> 95.9 95.8	<b>0.90</b> 0.88 0.82	1795	1.6	6.9	2.2	0.8	0.53	2.3		9.1	93	1780
DG4210	315	1490	DG355L2	555	527	508	<b>95.8</b> 95.9 95.8	<b>0.90</b> 0.88 0.82	2019	1.6	6.9	2.2	0.8	0.53	2.3		10	93	1900

# ceeg PREMIUM RANGE Performance Data

1000 r/min (6 Pole)

Code	Rated Power	Full Load Speed in revolutions per minute	Frame Reference & Size	Full Load Current at Rated Voltage			Efficiency	Power Factor	Full Load Torque	Direct on Line starting Torque Ratio	Direct on Line Starting Current Ratio	Direct on Line Pull Out Torque Ratio	Direct on Line Pull Up Torque	Star Delta Starting Torque Ratio	Star Delta Starting Current Ratio	Star Delta Pull Aup Torque	Rotor Inertia $Wk^2$	Mean Sound Pressure Level @ 1m on no Load	Weight
	kw	n min <sup>-1</sup>		$I_N$			$\eta$ 1.0 $P_N$	$\cos \phi$ 1.0 $P_N$	$M_N$	$M_A$	$I_A$	$M_X$	$M_S$	$M_A$	$I_A$	$M_S$	J	$L^{1/4}$	Kg
				380V A	400V A	415V A	0.75 $P_N$ 0.5 $P_N$	0.75 $P_N$ 0.5 $P_N$	Nm	$M_N$	$I_N$	$M_N$	$M_N$	$M_N$	$I_N$	$M_N$	kgm <sup>2</sup>	dB(A)	
DG1186	0.55	880	DG80	1.58	1.5	1.45	75.4 75.4 72.8	0.7 0.61 0.48	5.9	2.1	6.5	2.1	1.5	—	—		0.004	46	23
DG1189	0.75	910	DG90S	2.07	1.96	1.89	77.7 77.7 75	0.71 0.62 0.49	7.87	2.1	6.5	2.1	1.5	—	—		0.0073	49	26
DG1192	1.1	910	DG90L	2.95	2.8	2.7	79.9 79.9 77.3	0.71 0.62 0.49	11.5	2.1	6.5	2.1	1.3	—	—		0.01	49	32
DG1195	1.5	940	DG100L	3.78	3.59	3.46	81.5 81.8 81.3	0.74 0.66 0.52	15.2	2.1	6.5	2.1	1.3	—	—		0.014	53	41
DG1198	2.2	940	DG112M	5.34	5.08	4.89	83.4 83.7 83.4	0.75 0.68 0.54	22.4	2.1	6.5	2.1	1.3	—	—		0.022	57	44
DG1201	3	960	DG132S	7.16	6.8	6.55	84.9 85.3 84.9	0.75 0.68 0.54	29.8	2.1	6.5	2.1	1.3	—	—		0.043	61	63
DG1204	4	960	DG132M1	9.41	8.94	8.62	86.1 86.5 86.1	0.75 0.68 0.54	39.8	2.1	6.5	2.1	1.3	0.7	2.2		0.055	61	72
DG1207	5.5	960	DG132M2	12.7	12.1	11.7	87.4 87.8 87.4	0.75 0.68 0.54	54.7	2.1	6.5	2.1	1.3	0.7	2.2		0.072	61	81
DG1210	7.5	970	DG160M	16.4	15.6	15	89 89.4 89	0.78 0.71 0.58	73.8	1.9	6.5	2.1	1.3	0.7	2.2		0.12	65	115
DG4213	11	970	DG160L	23.8	22.6	21.8	90 90.4 90	0.78 0.71 0.58	108	1.9	6.5	2.1	1.2	0.63	2.2		0.16	65	140
DG4216	15	970	DG180L	31.3	29.7	28.7	91 91.3 91	0.8 0.73 0.61	148	1.9	7	2.1	1.2	0.63	2.3		0.29	65	185
DG4219	18.5	970	DG200L1	37.9	36	34.7	91.5 91.9 91.6	0.81 0.75 0.64	182	1.9	7	2.1	1.2	0.63	2.3		0.39	68	220
DG4222	22	970	DG200L2	44.9	42.6	41.1	92 92.5 92.2	0.81 0.75 0.64	217	1.9	7	2.1	1.2	0.63	2.3		0.47	68	245
DG4225	30	980	DG225M	58.7	55.7	53.7	92.5 93 93	0.84 0.8 0.72	292	1.8	7	2.1	1.2	0.6	2.3		0.7	68	300
							93	0.86											

Code	Rated Power	Full Load Speed in revolutions per minute	Frame Reference & Size	Full Load Current at Rated Voltage			Efficiency	Power Factor	Full Load Torque	Direct on Line staring Torque Ratio	Direct on Line Starting Current Ratio	Direct on Line Pull Out Torque Ratio	Direct on Line Pull Up Torque	Star Delta Starting Torque Ratio	Star Delta Starting Current Ratio	Star Delta Pull Aup Torque	Rotor Inertia Wk <sup>2</sup>	Mean Sound Pressure Level @ 1m on no Load	Weight
	kw	n min <sup>-1</sup>		I <sub>N</sub>			η 1.0 P <sub>N</sub> 0.75 P <sub>N</sub> 0.5P <sub>N</sub>	cos φ 1.0 P <sub>N</sub> 0.75 P <sub>N</sub> 0.5P <sub>N</sub>	M <sub>N</sub> Nm	M <sub>A</sub> M <sub>N</sub>	I <sub>A</sub> I <sub>N</sub>	M <sub>X</sub> M <sub>N</sub>	M <sub>S</sub> M <sub>N</sub>	M <sub>A</sub> M <sub>N</sub>	I <sub>A</sub> I <sub>N</sub>	M <sub>S</sub> M <sub>N</sub>	J kgm <sup>2</sup>	L <sup>PA</sup> dB(A)	Kg
DG4228	37	980	DG250S	70.3 A	66.8 A	64.4 A	93.5 93.5	0.81 0.72	361	1.8	7	2.1	1.2	0.6	2.3		1.1	70	400
DG4230	45	980	DG250M	85	80.8	77.9	93.5 94 94	0.86 0.82 0.74	439	1.8	7	2	1.1	0.6	2.3		1.4	72	450
DG4234	55	980	DG280S	102	97.2	93.7	93.9 94.4 94.4	0.87 0.83 0.75	536	1.8	7	2	1.1	0.6	2.3		2.1	72	560
DG4237A	75	980	DG280M	139	132	127	94.4 94.8 94.8	0.87 0.84 0.76	731	1.8	7	2	1	0.6	2.3		2.9	77	670
DG4240	90	990	DG315S	166	158	152	94.8 95 94.7	0.87 0.83 0.75	868	1.6	6.7	2	1	0.53	2.2		4.9	77	940
DG4243	110	990	DG315M	202	192	185	95.1 95.3 95	0.87 0.83 0.75	1061	1.6	6.7	2	1	0.53	2.2		5.4	77	990
DG4246	132	990	DG315L	242	230	221	95.4 95.6 95.3	0.87 0.84 0.76	1273	1.6	6.7	2	1	0.53	2.2		6.5	77	1100
DG4249	160	990	DG355M1	292	278	268	95.6 95.7 95.4	0.87 0.84 0.76	1543	1.6	6.7	2	1	0.53	2.2		9.5	84	1550
DG4265	200	990	DG355M2	365	347	335	95.6 95.8 95.6	0.87 0.85 0.78	1929	1.6	6.7	2	0.9	0.53	2.2		11	84	1670
DG4258	220	990	DG355L1	397	377	364	95.6 95.8 95.6	0.88 0.85 0.78	2122	1.6	6.7	2	0.9	0.53	2.2		12	84	1800
DG4261	250	990	DG355L2	452	429	413	95.6 95.8 95.6	0.88 0.85 0.78	2412	1.6	6.7	2	0.9	0.53	2.2		14	84	1940

# ceeg PREMIUM RANGE Performance Data

750 r/min (8 Pole)

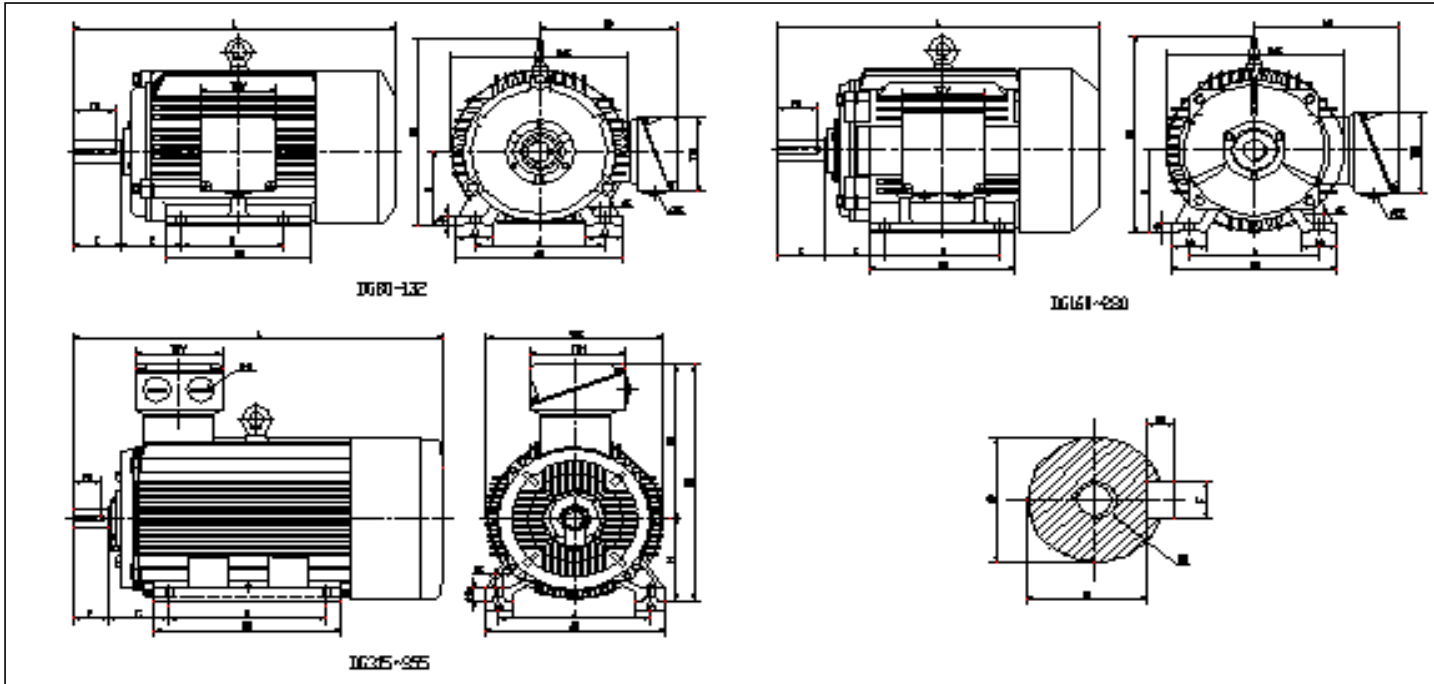
Code	Rated Power	Full Load Speed in revolutions per minute	Frame Reference & Size	Full Load Current at Rated Voltage			Efficiency	Power Factor	Full Load Torque	Direct on Line starting Torque Ratio	Direct on Line Starting Current Ratio	Direct on Line Pull Out Torque Ratio	Direct on Line Pull Up Torque	Star Delta Starting Torque Ratio	Star Delta Starting Current Ratio	Star Delta Pull Aup Torque	Rotor Inertia $Wk^2$	Mean Sound Pressure Level @ 1m on no Load	Weight
	kw	n min <sup>-1</sup>		$I_N$			$\eta$ 1.0 $P_N$	$\cos \phi$ 1.0 $P_N$	$M_N$	$M_A$	$I_A$	$M_X$	$M_S$	$M_A$	$I_A$	$M_S$	J	$L^{1/4}$	Kg
				380V A	400V A	415V A	0.75 $P_N$ 0.5 $P_N$	0.75 $P_N$ 0.5 $P_N$	Nm	$M_N$	$I_N$	$M_N$	$M_N$	$M_N$	$I_N$	$M_N$	kgm <sup>2</sup>	dB(A)	
DG1241	0.75	680	DG100L1	2.39	2.27	2.18	73.5 73.5 71	0.65 0.55 0.42	10.5	2	6	2	1.2	—	—		0.011	51	37
DG1243	1.1	680	DG100L2	3.37	3.2	3.09	76.3 76.3 73.8	0.65 0.55 0.42	15.4	2	6	2	1.2	—	—		0.014	51	41
DG1246	1.5	690	DG112M	4.21	4	3.86	78.4 78.5 77.3	0.69 0.6 0.46	20.8	2	6	2	1.2	—	—		0.022	53	44
DG1249	2.2	710	DG132S	5.9	5.61	5.4	80.9 81 79.7	0.7 0.6 0.46	29.6	2	6	2	1.2	—	—		0.043	56	63
DG1252	3	710	DG132M	7.76	7.37	7.11	82.7 82.9 82.5	0.71 0.62 0.48	40.4	2	6	2	1.2	—	—		0.055	56	72
DG1255	4	720	DG160M1	9.89	9.39	9.05	84.2 84.6 84.2	0.73 0.65 0.51	53.1	2	6	2	1.2	0.67	2		0.084	60	95
DG4287	5.5	720	DG160M2	13.3	12.7	12.2	85.8 86.2 85.8	0.73 0.65 0.51	73	2	6	2	1.2	0.67	2		0.11	60	110
DG4290	7.5	720	DG160L	17.9	17	16.4	87.2 87.6 87.2	0.73 0.65 0.51	99.5	2	6	2	1.2	0.67	2		0.15	60	130
DG4293	11	730	DG180L	25.8	24.5	23.6	88.8 89.2 88.8	0.73 0.65 0.52	144	2	6.5	2	1.1	0.67	2.2		0.27	62	185
DG4296	15	730	DG200L	33.8	32.1	30.9	90 90.4 90	0.75 0.68 0.55	196	2	6.5	2	1.1	0.67	2.2		0.41	65	240
DG4299	18.5	730	DG225S	40.8	38.7	37.3	90.7 91 90.7	0.76 0.69 0.56	242	1.9	6.5	2	1.1	0.63	2.2		0.58	65	270
DG4302	22	730	DG225M	48.2	45.8	44.2	91.2 91.5 91.2	0.76 0.69 0.56	288	1.9	6.5	2	1.1	0.63	2.2		0.7	65	300
DG4305	30	735	DG250S	62.6	59.5	57.4	92.1 92.5 92.1	0.79 0.73 0.61	390	1.9	6.5	2	1.1	0.63	2.2		1.1	67	400
DG4308	37	735	DG250M	76.8	72.9	70.3	92.7 93.1 92.7	0.79 0.73 0.61	481	1.9	6.5	2	1.1	0.63	2.2		1.4	68	450

Code	Rated Power	Full Load Speed in revolutions per minute	Frame Reference & Size	Full Load Current at Rated Voltage			Efficiency	Power Factor	Full Load Torque	Direct on Line starting Torque Ratio	Direct on Line Starting Current Ratio	Direct on Line Pull Out Torque Ratio	Direct on Line Pull Up Torque	Star Delta Starting Torque Ratio	Star Delta Starting Current Ratio	Star Delta Pull Aup Torque	Rotor Inertia $Wk^2$	Mean Sound Pressure Level @ 1m on no Load	Weight
	kw	n min <sup>-1</sup>		$I_N$			$\eta$ <b>1.0 P<sub>N</sub></b> 0.75 P <sub>N</sub> 0.5P <sub>N</sub>	<b>Cos <math>\phi</math></b> <b>1.0 P<sub>N</sub></b> 0.75 P <sub>N</sub> 0.5P <sub>N</sub>	$\underline{M}_N$ Nm	$\underline{M}_A$ M <sub>N</sub>	$\underline{I}_A$ I <sub>N</sub>	$\underline{M}_X$ M <sub>N</sub>	$\underline{M}_S$ M <sub>N</sub>	$\underline{M}_A$ M <sub>N</sub>	$\underline{I}_A$ I <sub>N</sub>	$\underline{M}_S$ M <sub>N</sub>	J kgm <sup>2</sup>	L <sup>PA</sup> dB(A)	Kg
DG4311	45	735	DG280S	92.9 A	88.2 A	85 A	<b>93.2</b> 93.6 93.2	<b>0.79</b> 0.74 0.62	585	1.9	6.5	2	1	0.63	2.2		2.1	68	560
DG4311A	55	735	DG280M	113	107	103	<b>93.7</b> 94.1 93.7	<b>0.79</b> 0.74 0.62	715	1.8	6.5	2	1	0.6	2.2		2.9	74	670
DG4317	75	740	DG315S	149	142	136	<b>94.4</b> 94.5 94.3	<b>0.81</b> 0.75 0.63	968	1.8	6.5	2	0.9	0.6	2.2		6.4	74	980
DG4320	90	740	DG315M	178	169	163	<b>94.7</b> 95.1 94.7	<b>0.81</b> 0.76 0.65	1161	1.8	6.5	2	0.9	0.6	2.2		7	74	1050
DG4323	110	740	DG315L	217	206	199	<b>95.1</b> 95.3 95	<b>0.81</b> 0.76 0.65	1420	1.8	6.5	2	0.9	0.6	2.2		8.1	74	1150
DG4326	132	740	DG355M1	260	247	238	<b>95.4</b> 95.5 95.2	<b>0.81</b> 0.77 0.67	1704	1.8	6.5	2	0.9	0.6	2.2		12	82	1580
DG4329	160	740	DG355M2	310	294	284	<b>95.7</b> 95.8 95.5	<b>0.82</b> 0.78 0.68	2065	1.8	6.5	2	0.9	0.6	2.2		15	82	1840
DG4335	200	740	DG355L	387	368	355	<b>95.7</b> 95.8 95.6	<b>0.82</b> 0.78 0.68	2581	1.8	6.5	2	0.9	0.6	2.2		17	82	1920



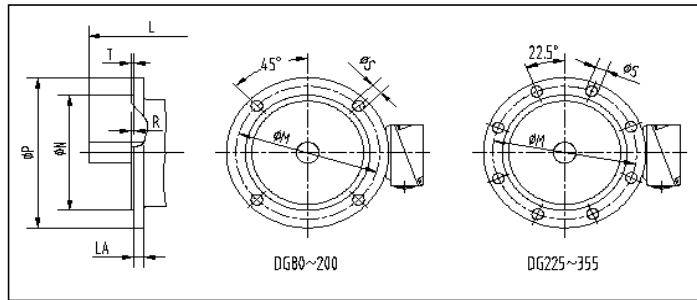
# ceeg PREMIUM RANGE Dimension

Foot, Flange Mount B5, B14



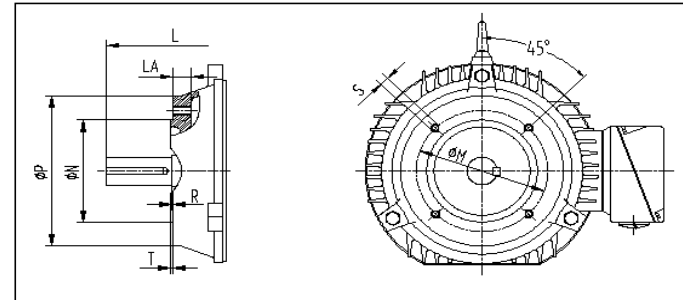
IM B3 Mounting														Terminal Box			
Type	A	B	C	H	K	L	AA	AB	AC	BB	HA	AD	HD	TBW	TBH	KK	
DG80M	125	100	50	80	10	305	35	160	175	140	10	160	175	100	110	M20X1.5	
DG90S	140	100	56	90	10	335	38	180	195	155	12	180	235	100	110	M20X1.5	
DG90L	140	125	56	90	10	360	38	180	195	180	12	180	235	100	110	M20X1.5	
DG100L	160	140	63	100	12	400	42	200	220	195	14	195	260	110	120	M20X1.5	
DG112M	190	140	70	112	12	430	48	235	250	210	16	210	290	110	120	2-M25X1.5	
DG132S	216	140	89	132	12	480	55	270	290	210	18	235	335	110	120	2-M25X1.5	
DG132M	216	178	89	132	12	510	55	270	290	240	18	235	335	110	120	2-M25X1.5	
DG160M	254	210	108	160	14.5	615	65	320	315	265	20	260	405	150	160	M32X1.5+M25X1.5	
DG160L	254	254	108	160	14.5	670	65	320	315	310	20	260	405	150	160	M32X1.5+M25X1.5	
DG180M	279	241	121	180	14.5	700	70	355	355	315	22	285	430	150	160	M40X1.5+M25X1.5	
DG180L	279	279	121	180	14.5	740	70	355	355	355	22	285	430	150	160	M40X1.5+M25X1.5	
DG200L	318	305	133	200	18.5	760	70	390	400	375	25	310	480	190	215	M50X1.5+M25X1.5	
DG225S	356	286	149	225	18.5	820	75	435	450	375	28	340	535	190	215	M50X1.5+M25X1.5	
DG225M	356	311	149	225	18.5	845	75	435	450	400	28	340	535	190	215	M50X1.5+M25X1.5	
DG250S	406	311	168	250	24	915	80	490	500	450	30	370	580	220	250	M50X1.5+M25X1.5	
DG250M	406	349	168	250	24	915	80	490	500	450	30	370	580	220	250	M50X1.5+M25X1.5	
DG280S	457	368	190	280	24	1010	85	550	550	490	36	410	660	220	250	M50X1.5+M25X1.5	
DG280M	457	419	190	280	24	1060	85	550	550	540	36	410	660	220	250	M50X1.5+M25X1.5	
DG315S	508	406	216	315	28	1220	120	630	630	570	45	530	845	280	320	M64X2+M25X1.5	
DG315M	508	457	216	315	28	1330	120	630	630	680	45	530	845	280	320	M64X2+M25X1.5	
DG315L	508	508	216	315	28	1330	120	630	630	680	45	530	845	280	320	M64X2+M25X1.5	
DG355M	610	560	254	355	28	1525	120	730	720	750	52	655	1010	340	380	M72X2+M25X1.5	
DG355L	610	630	254	355	28	1525	120	730	720	750	52	655	1010	340	380	M72X2+M25X1.5	

Flange B5 Mounting (D)



IM B5 Mounting							
Type	M	N	P	S	T	LA	R
DG80M	165	130	200	4X12	3.5	10	0
DG90S	165	130	200	4X12	3.5	12	0
DG90L	165	130	200	4X12	3.5	12	0
DG100L	215	180	250	4X14.5	4	14	0
DG112M	215	180	250	4X14.5	4	14	0
DG132S	265	230	300	4X14.5	4	14	0
DG132M	265	230	300	4X14.5	4	14	0
DG160M	300	250	350	4X18.5	5	15	0
DG160L	300	250	350	4X18.5	5	15	0
DG180M	300	250	350	4X18.5	5	15	0
DG180L	300	250	350	4X18.5	5	15	0
DG200L	350	300	400	4X18.5	5	17	0
DG225S	400	350	450	8X18.5	5	20	0
DG225M	400	350	450	8X18.5	5	20	0
DG250S	500	450	550	8X18.5	5	22	0
DG250M	500	450	550	8X18.5	5	22	0
DG280S	500	450	550	8X18.5	5	22	0
DG280M	500	450	550	8X18.5	5	22	0
DG315S	600	550	660	8X24	6	22	0
DG315M	600	550	660	8X24	6	22	0
DG315L	600	550	660	8X24	6	22	0
DG355M	740	680	800	8X24	6	25	0
DG355L	740	680	800	8X24	6	25	0

Flange B14 Mounting (C)



IM B14 Mounting							
Type	M	N	P	S	T	LA	R
DG80M	100	80	120	4XM6	3	10	0
DG90S	115	95	140	4XM8	3	12	0
DG90L	115	95	140	4XM8	3	12	0
DG100L	130	110	160	4XM8	3.5	14	0
DG112M	130	110	160	4XM8	3.5	14	0
DG132S	165	130	200	4XM10	3.5	16	0
DG132M	165	130	200	4XM10	3.5	16	0
DG160M	215	180	250	4XM12	4	18	0
DG160L	215	180	250	4XM12	4	18	0

Shaft							
Type	D	E	F	G	GD	ED	DH
DG80	19	40	6	15.5	6	25	M6
DG90	24	50	8	20	7	32	M8
DG100	28	60	8	24	7	40	M10
DG112	28	60	8	24	7	40	M10
DG132	38	80	10	33	8	56	M12
DG160	42	110	12	37	8	80	M16
DG180	48	110	14	42.5	9	80	M16
DG200	55	110	16	49	10	80	M20
DG225-2	55	110	16	49	10	80	M20
DG225-4,6,8	60	140	18	53	11	110	M20
DG250-2	60	140	18	53	11	110	M20
DG250-4,6,8	70	140	20	62.5	12	110	M20
DG280-2	65	140	18	58	11	110	M20
DG280-4,6,8	80	170	22	71	14	140	M20
DG315-2	65	140	18	58	11	110	M20
DG315-4,6,8	85	170	22	76	14	140	M20
DG355-2	75	140	20	67.5	12	110	M20
DG355-4,6,8	95	170	25	86	14	140	M24

# CEG PREMIUM RANGE Dimension

## Bearings

Table 1.1

Motor Frame	Drive End (DE)	Non Drive End (NDE)
80 M	6205-2Z	6205-2Z
90 S/L	6206-2Z	6206-2Z
100L	6206-2Z	6206-2Z
112M	6207-2Z	6207-2Z
132 S/M	6208-2Z	6208-2Z
160 M/L - 2	6209	6209
160 M/L - 4/6/8	6309	6209
180 M/L - 2	6211	6211
180 M/L - 4/6/8	6311	6211
200 L - 2	6212	6212
200 L - 4/6/8	6312	6212
225 S/M - 2	6312	6312
225 S/M - 4/6/8	6313	6312
250 S/M - 2	6313	6313
250 S/M - 4/6/8	6315	6313
280 S/M - 2	6314	6314
280 S/M - 4/6/8	6317	6314
315 S/M/L - 2	6317	6317
315 S/M/L - 4/6/8	NU319	6319
355 M/L - 2	6319	6319
355 M/L - 4/6/8	NU322	6322

## Maximum Permissible Radial Force

Table 1.2

Motor Frame	Permissible Radial Force (N)			
	3000r/min	1500r/min	1000r/min	750r/min
80 M	400	515	605	675
90 S/L	605	775	910	1030
100L	840	1030	1250	1400
112M	940	1150	1400	1560
132 S/M	1180	1530	1780	1980
160 M/L	1210	1590	1820	2080
180 M/L	1550	1950	2250	2500
200 L	2100	2750	3200	3450
225 S/M	2550	2950	3600	3900
250 S/M	2950	3600	4350	4700
280 S/M	2800	7200	8900	9850
315 S/M/L	3350	8100	9900	10900
355 M/L	4200	10100	11800	13500

## Terminal Box

Constructed with 200MPa cast iron.

Table 1.3

Frame Size	Number of Entries	Entry / Pitch
80~100	1	M20X1.5
112~132	2	M25X1.5
160	2	M32X1.5+M25X1.5
180	2	M40X1.5+M25X1.5
200~280	2	M50X1.5+M25X1.5
315	2	M64X2+M25X1.5
355	2	M72X2+M25X1.5

## Earthing

All terminal boxes include an internal earth stud.

See Table 1.4 below for additional external earthing pads.

Table 1.4

Frame Size	Number of Bolts	Thread Size
80~132	1	M5
160~180	1	M6
200~280	1	M8
315~355	1	M10

## Cooling

Cooling fan construction is polypropylene.

When installing the motor it is important to ensure airflow into the motor cowl is not restricted.

Table 1.5 below provides dimensions that should be used as a guide for minimum distance requirements

Table 1.5

Frame Size	Dimension
80-100	60
112-132	80
160-180	100
200-250	120
280-355	150