

# Century® Three Phase ODP General Purpose Motors

## Features:

- Rigid Base
- 2, 4 & 6 Pole
- 1 - 200 HP
- NEMA Premium & EPACT
- Class F Insulation System
- Inverter Duty
- 1.15 Service Factor
- 50/60 Hz (50 Hz @ next lower HP, 1.15 SF)
- CE
- CSA
- UL Approvals
- 40° C Ambient
- IP22
- Rolled Steel Construction or Cast Iron as noted
- F1/F2 Mounting as noted; see notes for exceptions



E217M2



TO109



HP	RPM	Volts	Frame	NEW Century Part Number	AMPS @ 60 HZ	NEMA Nom. Efficiency	Inverter Duty	"C" Dimension	Approx. Weight	Notes
1	1200	208-230/460	145T	TO100	3.5-3.2/1.6	82.5%	10:1 VT	12.2	56	19, 115, 240
1	1800	208-230/460	143T	TO101	3-2.7/1.4	85.5%	10:1 VT	11.2	51	19, 115, 240
1	1800	575	143T	TO102	1.1	85.5%	10:1 VT	11.2	51	19, 115, 240
1	1800	200	143T	TO103	3.2	85.5%	10:1 VT	11.2	51	19, 115, 240
1.5	1200	208-230/460	182T	TO104	5.2-4.7/2.4	86.5%	10:1 VT	13.72	68	19, 115, 240
1.5	1200	208-230/460	182T	E206M2	6.2/3.1	86.5%	6:1 VT	13.19	69	19
1.5	1800	208-230/460	145T	TO105	4.3-3.9/2.0	86.5%	10:1 VT	12.2	58	19, 115, 240
1.5	1800	575	145T	TO106	1.6	86.5%	10:1 VT	12.2	58	19, 115, 240
1.5	1800	200	145T	TO107	4.5	86.5%	10:1 VT	12.2	58	19, 115, 240
1.5	3600	208-230/460	143T	TO108	4.3-3.9/1.9	84.0%	10:1 VT	11.2	53	19, 115, 240
2	1200	208-230/460	184T	TO109	6.8-6.1/3.1	87.5%	10:1 VT	14.72	82	19, 115, 240
2	1200	208-230/460	184T	E207M2	7.15/3.6	88.5%	6:1 VT	15.19	95	19
2	1800	200	145T	TO110	5.9	86.5%	10:1 VT	12.2	60	19, 115, 240
2	1800	208-230/460	145T	TO111	5.6-5.1/2.5	86.5%	10:1 VT	12.2	60	19, 115, 240
2	1800	575	145T	TO112	2	86.5%	10:1 VT	12.2	60	19, 115, 240
2	3600	208-230/460	145T	TO113	5.5-5/2.5	85.5%	10:1 VT	12.2	60	19, 115, 240
3	1200	208-230/460	213T	TO114	9.7-8.8/4.4	88.5%	10:1 VT	17.52	136	19, 115, 240
3	1200	208-230/460	213T	E394M2	9.4-9/4.5	88.5%	6:1 VT	17.3	104	19
3	1800	208-230/460	182T	TO115	8.6-7.7/3.9	89.5%	10:1 VT	13.72	74	19, 115, 240
3	1800	208-230/460	182T	E217M2	8.4-8/4	89.5%	6:1 VT	13.19	71	19
3	1800	575	182T	TO116	3.1	89.5%	10:1 VT	13.72	74	19, 115, 240
3	1800	575	182T	E923M2	3.2	89.5%	6:1 VT	13.19	71	19
3	1800	200	182T	E202M2	10.1	86.5%	10:1 VT	13.72	70	16
3	1800	200	182T	TO117	8.9	89.5%	10:1 VT	12.2	74	19, 115, 240
3	1800	200	182T	E216M2	9.2	89.5%	6:1 VT	13.19	81	19
3	3600	208-230/460	145T	TO118	8.3-7.5/3.7	85.5%	10:1 VT	12.2	62	19, 115, 240
5	1200	208-230/460	215T	TO119	16-14/7.1	89.5%	10:1 VT	17.52	142	19, 115, 240
5	1200	208-230/460	215T	E395M2	15-13.8/6.9	89.5%	6:1 VT	18.55	125	19
5	1800	208-230/460	184T	TO120	15-13/6.5	89.5%	10:1 VT	14.72	86	19, 115, 240
5	1800	208-230/460	184T	E219M2	13.6-12.6/6.3	89.5%	6:1 VT	14.19	81	19
5	1800	575	184T	TO121	5.2	89.5%	10:1 VT	14.72	86	19, 115, 240
5	1800	575	184T	E924M2	5.1	89.5%	6:1 VT	14.19	80	19
5	1800	200	184T	E203M2	15.2	87.5%	10:1 VT	13.19	80	16, 19
5	1800	200	184T	TO122	15	89.5%	10:1 VT	14.72	86	19, 115, 240
5	1800	200	184T	E218M2	14.5	89.5%	6:1 VT	14.19	80	19
5	1800	230/460	184TC	E2006M2	13.2/6.6	87.5%	10:1 VT	13.28	79	16, 73
5	3600	208-230/460	182T	TO123	14-12/6.2	86.5%	10:1 VT	13.72	68	19, 115, 240

Models in green shaded area are cast iron construction.

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HP	RPM	Volts	Frame	NEW Century Part Number	AMPS @ 60 HZ	NEMA Nom. Efficiency	Inverter Duty	"C" Dimension	Approx. Weight	Notes
5	3600	208-230/460	182T	<b>E204M2</b>	13.4-12.4/6.2	86.5%	6:1 VT	13.19	64	19
7.5	1200	230/460	254T	<b>E496M2</b>	21.0/10.5	90.2%	6:1 VT	22.1	225	
7.5	1800	208-230/460	213T	<b>TO125</b>	21-19/9.6	91.0%	10:1 VT	17.51	128	19, 115, 240
7.5	1800	230/460	213T	<b>E317M2</b>	19.4/9.7	91.7%	6:1 VT	17.51	123	
7.5	1800	575	213T	<b>TO126</b>	22	91.0%	10:1 VT	17.52	128	19, 115, 240
7.5	1800	575	213T	<b>E925M2</b>	3.2	91.0%	6:1 VT	17.51	122	
7.5	1800	200	213T	<b>E302M2</b>	22.3	88.5%	6:1 VT	17.51	114	16
7.5	1800	200	213T	<b>TO127</b>	7.7	91.0%	10:1 VT	17.52	128	19, 115, 240
7.5	1800	200	213T	<b>E316M2</b>	21.4	91.0%	6:1 VT	17.51	122	
7.5	3600	208-230/460	184T	<b>TO128</b>	20-18/8.9	88.5%	10:1 VT	14.72	83	19, 115, 240
7.5	3600	230/460	184T	<b>E205M2</b>	17.8/8.9	88.5%	6:1 VT	14.69	86	19
10	1200	230/460	256T	<b>E497M2</b>	27.4/13.7	91.7%	6:1 VT	23.85	300	
10	1800	208-230/460	215T	<b>TO130</b>	27-25/12	91.7%	10:1 VT	17.52	145	19, 115, 240
10	1800	230/460	215T	<b>E397M2</b>	25.2/12.6	91.7%	6:1 VT	17.51	129	
10	1800	575	215T	<b>E325M2</b>	10.3	89.5%	6:1 VT	17.51	ck	16
10	1800	575	215T	<b>TO131</b>	9.8	91.7%	10:1 VT	17.52	145	19, 115, 240
10	1800	575	215T	<b>E926M2</b>	10.1	91.7%	6:1 VT	17.51	122	
10	1800	200	215T	<b>E303M2</b>	30.8	89.5%	6:1 VT	17.51	122	16
10	1800	200	215T	<b>TO132</b>	28	91.7%	10:1 VT	17.52	145	19, 115, 240
10	1800	200	215T	<b>E331M2</b>	29.2	91.7%	6:1 VT	17.51	139	
10	3600	208-230/460	213T	<b>TO133</b>	26-24/12	89.5%	10:1 VT	17.52	122	19, 115, 240
10	3600	208-230/460	213T	<b>E392M2</b>	26-23.4/11.7	89.5%	6:1 VT	17.3	111	19
15	1200	230/460	284T	<b>E586M2</b>	43.0/21.5	91.7%	6:1 VT	24.22	317	
15	1800	200	254T	<b>E450M2</b>	43.4	93.0%	6:1 VT	22.1	234	
15	1800	200	254T	<b>E454M2</b>	42.2	91.0%	6:1 VT	22.1	265	16
15	1800	230/460	254T	<b>E451M2</b>	37.8/18.9	93.0%	6:1 VT	22.1	237	
15	1800	575	254T	<b>E927M2</b>	15.1	93.0%	6:1 VT	22.1	236	
15	3600	208-230/460	215T	<b>TO138</b>	35-39/18	90.2%	10:1 VT	17.52	145	19, 115, 240
15	3600	208-230/460	215T	<b>E393M2</b>	39-35/17.5	91.0%	6:1 VT	18.55	139	19
15	1200	208-230/460	286T	<b>TO139</b>	57-52/26	92.4%	10:1 VT	27.09	506	19, 115, 240
20	1800	200	256T	<b>E452M2</b>	57	93.6%	6:1 VT	22.1	265	
20	1800	200	256T	<b>E456M2</b>	57	91.0%	6:1 VT	22.1	225	16
20	1800	230/460	256T	<b>E407M2</b>	49/24.5	93.6%	6:1 VT	22.1	269	
20	1800	575	256T	<b>E928M2</b>	19.6	93.0%	6:1 VT	22.1	266	
20	3600	230/460	254T	<b>E494M2</b>	48/24	91.0%	6:1 VT	22.1	256	
25	1200	208-230/460	324T	<b>TO144</b>	72-65/33	93.0%	10:1 VT	28.55	596	19, 115, 240
25	1800	200	284T	<b>E513M2</b>	70	93.6%	6:1 VT	24.22	320	
25	1800	200	284T	<b>E545M2</b>	69.8	91.7%	6:1 VT	24.22	255	16
25	1800	230/460	284T	<b>E514M2</b>	61/30.5	93.6%	6:1 VT	24.22	307	
25	1800	575	284T	<b>E929M2</b>	24.5	93.6%	6:1 VT	24.22	300	
25	3600	230/460	256T	<b>E495M2</b>	57.0/28.5	91.7%	6:1 VT	22.1	271	
30	1800	200	286T	<b>E515M2</b>	82.2	94.1%	6:1 VT	25.75	355	
30	1800	200	286T	<b>E547M2</b>	86.5	92.4%	6:1 VT	24.22	285	16
30	1800	230/460	286T	<b>E516M2</b>	73.2/36.6	94.1%	6:1 VT	25.75	351	
30	1800	575	286T	<b>E930M2</b>	28.5	94.1%	6:1 VT	25.75	351	
30	3600	230/460	284TS	<b>E584M2</b>	69.0/34.5	91.7%	6:1 VT	22.85	280	
30	1200	208-230/460	326T	<b>TO149</b>	88-79/40	93.0%	10:1 VT	29.73	640	19, 115, 240
30	1200	208-230/460	364T	<b>TO154</b>	107-97/49	94.1%	10:1 VT	31.69	830	19, 115, 240
40	1800	200	324T	<b>TO155</b>	108	94.1%	10:1 VT	28.55	600	19, 115, 240
40	1800	208-230/460	324T	<b>TO156</b>	104-94/47	94.1%	10:1 VT	28.55	600	19, 115, 240
40	1800	575	324T	<b>TO157</b>	37	94.1%	10:1 VT	28.55	600	19, 115, 240
40	3600	230/460	286TS	<b>E585M2</b>	90.0/45.0	92.4%	6:1 VT	22.85	330	
50	1200	208-230/460	365T	<b>TO158</b>	134-121/61	94.1%	10:1 VT	33.27	905	19, 115, 240
50	1800	208-230/460	326T	<b>TO159</b>	129-117/58	94.5%	10:1 VT	29.73	714	19, 115, 240
50	1800	200	326T	<b>TO160</b>	136	94.5%	10:1 VT	29.73	714	19, 115, 240
50	1800	575	326T	<b>TO161</b>	47	94.5%	10:1 VT	29.73	714	19, 115, 240
50	1800	208-230/460	326TS	<b>TO162</b>	130-118/59	94.5%	10:1 VT	29.73	715	19, 115, 240
50	3600	208-230/460	324TS	<b>TO163</b>	125-113/57	93.0%	10:1 VT	27.05	620	19, 115, 240

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Models in green shaded area are cast iron construction.

# Century® Three Phase ODP General Purpose Motors

HP	RPM	Volts	Frame	NEW Century Part Number	AMPS @ 60 HZ	NEMA Nom. Efficiency	Inverter Duty	"C" Dimension	Approx. Weight	Notes
60	1200	230/460	404T	TO164	143/72	94.5%	10:1 VT	37.2	1228	19, 115, 240
60	1800	208-230/460	364T	TO165	154-139/70	95.0%	10:1 VT	31.69	895	19, 115, 240
60	1800	208-230/460	364TS	TO166	154-139/70	95.0%	10:1 VT	29.57	890	19, 115, 240
60	1800	200	364T	TO167	160	95.0%	10:1 VT	31.69	895	19, 115, 240
60	1800	575	364T	TO168	56	95.0%	10:1 VT	31.69	895	19, 115, 240
60	3600	208-230/460	326TS	TO169	147-133/67	93.6%	10:1 VT	28.23	720	19, 115, 240
75	1200	230/460	405T	TO170	179/90	94.5%	10:1 VT	38.78	1333	19, 115, 240
75	1800	208-230/460	365T	TO171	192-174/87	95.0%	10:1 VT	33.27	1012	19, 115, 240
75	1800	208-230/460	365TS	TO172	192-174/87	95.0%	10:1 VT	29.57	859	19, 115, 240
75	1800	200	365T	TO173	200	95.0%	10:1 VT	33.27	1012	19, 115, 240
75	1800	575	365T	TO174	70	95.0%	10:1 VT	33.27	1012	19, 115, 240
75	3600	208-230/460	364TS	TO175	184-167/83	93.6%	10:1 VT	29.57	1015	19, 115, 240
100	1200	230/460	444T	TO176	232/116	95.0%	10:1 VT	44.57	1675	19, 115, 240
100	1800	230/460	404T	TO177	218/109	95.4%	10:1 VT	37.2	1280	19, 115, 240
100	1800	230/460	404TS	TO178	223/112	95.4%	10:1 VT	33.86	1172	19, 115, 240
100	1800	200	404T	TO179	251	95.4%	10:1 VT	37.2	1228	19, 115, 240
100	1800	575	404T	TO180	87	95.4%	10:1 VT	37.2	2117	19, 115, 240
100	3600	208-230/460	365TS	TO181	246-222/111	93.6%	10:1 VT	31.14	926	19, 115, 240
125	1200	230/460	445T	TO182	290/145	95.0%	10:1 VT	44.57	1867	19, 115, 240
125	1800	230/460	405T	TO183	279/139	95.4%	10:1 VT	38.78	1410	19, 115, 240
125	1800	230/460	405TS	TO184	279/139	95.4%	10:1 VT	35.44	1274	19, 115, 240
125	1800	575	405T	TO185	112	95.4%	10:1 VT	38.78	1410	19, 115, 240
125	3600	230/460	404TS	TO186	276/138	94.1%	10:1 VT	33.86	1172	19, 115, 240
150	1200	230/460	447T	TO187	342/171	95.4%	10:1 VT	49.69	2075	19, 115, 240
150	1800	575	444T	TO188	133	95.8%	10:1 VT	44.57	1904	19, 115, 240
150	1800	230/460	444T	TO189	333/167	95.8%	10:1 VT	44.57	1904	19, 115, 240
150	1800	230/460	444TS	TO190	333/167	95.8%	10:1 VT	40.83	1675	19, 115, 240
150	3600	230/460	405TS	TO191	332/166	94.1%	10:1 VT	35.44	1274	19, 115, 240
200	1200	460	449T	TO192	226	95.4%	10:1 VT	49.69	2369	19, 115, 240
200	1800	460	445T	TO193	217	95.8%	10:1 VT	44.57	2117	19, 115, 240
200	1800	460	445TS	TO194	222	95.8%	10:1 VT	40.83	1867	19, 115, 240
200	1800	575	445T	TO195	178	95.8%	10:1 VT	44.57	2117	19, 115, 240
200	3600	460	444TS	TO196	219	95.0%	10:1 VT	40.83	1935	19, 115, 240

Models in green shaded area are cast iron construction.



Speed Engineered® motors are specially designed, tested and warranted to be **Corona-Free**. See pages 1 and 2 of this catalog for more Speed Engineered® motors information.

