



NEMA PREMIUM EFFICIENCY GENERAL PURPOSE MOTORS – ODP

ODP – THREE PHASE – FOOT MOUNT



WEG Premium Efficiency motors meet or exceed all NEMA Premium and CEE requirements for energy efficiency. These Open Drip Proof (ODP) motors are designed for environments where dirt and moisture are minimal. Design B torque and high efficiency design from 143T through 444/5T frames. These motors are specifically designed to provide maximum ventilation and heat dissipation. 'C' and 'D' flange available.

FRACTIONAL HP
GENERAL PURPOSE
NEMA PREMIUM EFFICIENCY
CRUSHER® DUTY
IEC TRU-METRIC™
PUMP MOTORS
DEFINITE PURPOSE
ADD-ON™ MODIFICATIONS
MOTOR TECHNICAL DATA
DRIVES & SOFT STARTERS
CONTROLS

APPLICATIONS

- Pumps
- Fans
- Kneader and mixer machines
- Cutter and sawing machines
- Pressing machines
- Industrial equipment
- Conveyors
- Blowers
- Compressors
- Machinery
- Cranes
- Packaging equipment

STANDARD FEATURES

- Three-phase, II and IV pole, 60Hz
- Voltage: 208-230/460V, 200V, 460V or 575V
- Open Drip Proof (ODP)
- NEMA dimensions
- NEMA Design 'B'
- Service factor: 1.15
- Continuous Duty (S1)
- 104°F (40°C) ambient temperature
- Ball bearings are supplied as standard
- 1045 Carbon Steel Shaft for frames up to 365T
- 4140 steel shaft for motors 404T and above (3600 RPM motors supplied with 1045)
- Class 'F' insulation for all frames
- Class 'H' impregnation resin
- F1 mount (also available flanged motors)
- Paint: Synthetic enamel alkyd resin base
- Color: RAL 6002 – Green
- Stainless steel nameplate – laser etched
- MGI Part 31 rating for use with VFD - 4:1 constant torque speed range.
- 50/60Hz rated up to 250 HP (50Hz at 1.0 Service Factor)
- For 50Hz at 1.15 SF a higher HP should be selected

OPTIONAL FEATURES

- Cable glands
- Special voltages
- Cast iron NEMA 'C' flange available for all frames or 'D' flange ('D' flange only for frames 254T and up)
- Specially designed shaft
- Second shaft end
- Thermistors, Thermostats or RTD's (PT100)
- Roller Bearings

FRAME – SPECIFIC FEATURES

FOR FRAME 143T/5T ONLY

- Welded steel plate frames (welded feet)
- Cast iron endshields with through bolt construction
- 'ZZ' bearings (double shielded)
- Degree of protection: IP21

FOR 182/4T AND 213/5T FRAMES ONLY

- Aluminum endshields and terminal box
- Cooling system with finned rotor
- ZZ Bearings (double shielded)
- Degree of protection : IP21

FOR FRAMES 254/6T UP TO 444/5T

- Cast iron frames
- Cast iron endshields and terminal box
- Cooling system with finned rotor
- Steel shaft 4140 for 404T & up

- Regreasable bearings positive pressure lubrication system (frame 254T and up)
- Degree of protection: IP23



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FOOT MOUNT

HP	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	Approx. Shipp. Weight Lbs	FL Amps 460V	FL Eff. %	"C" Dimension (in.)	Volts	Notes
1	1800	143T	00118OT3E143T	390	N1B	36	1.45	85.5	12.086	208-230/460V	
	1800	143T	00118OT3H143T	390	N1B	36	1.45	85.5	12.086	575V	◆
	1800	143T	00118OT3E143TF3	390	N1B	36	1.45	85.5	12.086	208-230/460V	
	1200	145T	00112OT3E145T	446	N1B	39	1.63	82.5	12.086	208-230/460V	
1.5	3600	143T	00156OT3E143T	442	N1B	34	1.90	85.5	12.086	208-230/460V	
	3600	143T	00156OT3H143T	442	N1B	34	1.90	85.5	12.086	575V	◆
	1800	145T	00158OT3E145T	449	N1B	43	2.07	86.5	12.086	208-230/460V	
	1800	145T	00158OT3E145TF3	449	N1B	43	2.07	86.5	12.086	208-230/460V	
2	1800	145T	00158OT3H145T	449	N1B	43	2.07	86.5	12.086	575V	◆
	1200	182T	00152OT3E182T	588	N1B	49	2.31	86.5	13.504	208-230/460V	
	3600	145T	00236OT3E145T	487	N1B	43	2.56	86.5	12.086	208-230/460V	
	3600	145T	00236OT3H145T	487	N1B	43	2.56	86.5	12.086	575V	◆
3	1800	145T	00218OT3E145T	492	N1B	43	2.83	86.5	12.086	208-230/460V	
	1800	145T	00218OT3E145TF3	492	N1B	43	2.83	86.5	12.086	208-230/460V	
	1800	145T	00218OT3H145T	492	N1B	43	2.83	86.5	12.086	575V	◆
	1200	184T	00212OT3E184T	597	N1B	66	3.03	87.5	14.291	208-230/460V	
5	3600	145T	00336OT3E145T	545	N1B	49	3.59	87.5	12.086	208-230/460V	
	3600	145T	00336OT3H145T	545	N1B	49	3.59	87.5	12.086	575V	◆
	1800	182T	00318OT3E182T	524	N1B	55	4.06	89.5	13.504	208-230/460V	
	1800	182T	00318OT3E182TF3	524	N1B	55	4.06	89.5	13.504	208-230/460V	
7.5	1800	182T	00318OT3H182T	524	N1B	55	4.06	89.5	13.504	575V	◆
	1200	213T	00312OT3E213T	775	N1B	73	4.27	88.5	17.165	208-230/460V	
	3600	182T	00536OT3E182T	651	N1B	57	6.15	88.5	13.504	208-230/460V	
	3600	182T	00536OT3H182T	651	N1B	57	6.15	88.5	13.504	575V	
10	1800	184T	00518OT3E184T	630	N1B	71	6.40	89.5	14.291	208-230/460V	
	1800	184T	00518OT3E184TF3	630	N1B	71	6.40	89.5	14.291	208-230/460V	
	1800	184T	00518OT3H184T	630	N1B	71	6.40	89.5	14.291	575V	◆
	1200	215T	00512OT3E215T	1,057	N1B	105	6.92	89.5	17.165	208-230/460V	
15	3600	184T	00736OT3E184T	920	N1B	69	8.95	88.5	13.511	208-230/460V	
	3600	184T	00736OT3H184T	920	N1B	69	8.95	88.5	13.511	575V	◆
	1800	213T	00718OT3E213T	910	N1B	90	9.03	91.0	17.165	208-230/460V	
	1800	213T	00718OT3E213TF3	910	N1B	90	9.03	91.0	17.165	208-230/460V	
20	1800	213T	00718OT3H213T	910	N1B	90	9.00	91.0	17.165	575V	◆
	1200	254T	00712OT3E254T	1,467	N1B	255	9.69	90.2	20.669	208-230/460V	
	3600	213T	01036OT3E213T	1,081	N1B	134	11.8	91.0	17.165	208-230/460V	
	3600	213T	01036OT3H213T	1,081	N1B	134	11.8	91.0	17.165	575V	◆
25	1800	215T	01018OT3E215T	1,102	N1B	112	12.2	91.7	17.165	208-230/460V	
	1800	215T	01018OT3E215TF3	1,102	N1B	112	12.2	91.7	17.165	208-230/460V	
	1800	215T	01018OT3H215T	1,102	N1B	112	12.2	91.7	17.165	575V	◆
	1200	256T	01012OT3E256T	1,717	N1B	276	13.0	91.7	22.401	208-230/460V	
30	3600	215T	01536OT3E215T	1,492	N1B	139	17.5	91.0	17.165	208-230/460V	
	3600	215T	01536OT3H215T	1,492	N1B	139	17.5	91.0	17.165	575V	◆
	1800	254T	01518OT3E254T	1,477	N1B	247	18.6	93.0	20.669	208-230/460V	
	1800	254T	01518OT3E254TF3	1,477	N1B	247	18.6	93.0	20.669	208-230/460V	
40	1800	254T	01518OT3H254T	1,477	N1B	247	18.6	93.0	20.669	575V	◆
	1200	284T	01512OT3E284T	2,412	N1B	400	17.7	91.7	23.386	208-230/460V	

- ELECTRICAL FEATURES ON PAGE B-13.
- MECHANICAL FEATURES ON PAGE B-55, B-56.

◆ = Product may not be available from stock

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20	3600	254T	02036OT3E254T	1,760	N1B	205	24.6	91.0	20.669	208-230/460V	
	3600	254T	02036OT3H254T	1,760	N1B	205	24.6	91.0	20.669	575V	◆
	1800	256T	02018OT3E256T	1,832	N1B	291	25.3	93.0	22.401	208-230/460V	
	1800	256T	02018OT3E256TF3	1,832	N1B	291	25.3	93.0	22.401	208-230/460V	
	1800	256T	02018OT3H256T	1,832	N1B	291	25.3	93.0	22.401	575V	◆
	1200	286T	02012OT3E286T	3,034	N1B	437	24.0	92.4	24.882	208-230/460V	
25	3600	256T	02536OT3E256T	2,139	N1B	269	29.8	91.7	22.401	208-230/460V	
	3600	256T	02536OT3H256T	2,139	N1B	269	29.8	91.7	22.401	575V	◆
	1800	284TS	02518OT3E284TS	2,160	N1B	382	29.9	93.6	22.000	208-230/460V	
	1800	284T	02518OT3E284T	2,160	N1B	382	29.9	93.6	23.386	208-230/460V	
	1800	284T	02518OT3E284TF3	2,160	N1B	382	29.9	93.6	23.386	208-230/460V	
	1800	284T	02518OT3H284T	2,160	N1B	382	29.9	93.6	23.386	575V	◆
30	1200	324T	02512OT3E324T	3,519	N1B	509	30.4	93.0	26.181	208-230/460V	
	3600	284TS	03036OT3E284TS	2,487	N1B	373	35.2	92.4	22.000	208-230/460V	
	3600	284TS	03036OT3H284TS	2,487	N1B	373	35.2	92.4	22.000	575V	◆
	1800	286TS	03018OT3E286TS	2,530	N1B	459	35.4	94.1	23.504	208-230/460V	
	1800	286T	03018OT3E286T	2,530	N1B	459	35.4	94.1	24.882	208-230/460V	
	1800	286T	03018OT3E286TF3	2,530	N1B	459	35.4	94.1	24.882	208-230/460V	
40	1800	286T	03018OT3H286T	2,530	N1B	459	35.4	94.1	24.882	575V	◆
	1200	326T	03012OT3E326T	3,890	N1B	630	36.0	93.6	27.667	208-230/460V	
	3600	286TS	04036OT3E286TS	3,308	N1B	457	47.1	93.0	23.504	208-230/460V	
	3600	286TS	04036OT3H286TS	3,308	N1B	457	47.1	93.0	23.504	575V	◆
	1800	324TS	04018OT3E324TS	3,095	N1B	574	50.7	94.1	24.685	208-230/460V	
	1800	324T	04018OT3E324T	3,095	N1B	574	50.7	94.1	26.181	208-230/460V	
50	1800	324T	04018OT3H324T	3,095	N1B	574	50.7	94.1	26.181	575V	◆
	1200	364T	04012OT3E364T	5,544	N1B	813	48.2	94.1	29.764	208-230/460V	
	3600	324TS	05036OT3E324TS	3,820	N1B	541	59.0	93.6	24.685	208-230/460V	
	3600	324TS	05036OT3H324TS	3,820	N1B	541	59.0	93.6	24.685	575V	◆
	1800	326TS	05018OT3E326TS	3,788	N1B	618	61.4	94.5	26.181	208-230/460V	
	1800	326T	05018OT3E326T	3,788	N1B	618	61.4	94.5	27.667	208-230/460V	
60	1800	326T	05018OT3H326T	3,788	N1B	618	61.4	94.5	27.667	575V	◆
	1200	365T	05012OT3E365T	6,392	N1B	948	60.2	94.1	29.764	208-230/460V	
	3600	326TS	06036OT3E326TS	4,581	N1B	627	71.0	93.6	26.181	208-230/460V	
	3600	326TS	06036OT3H326TS	4,581	N1B	627	71.0	93.6	26.181	575V	◆
	1800	364TS	06018OT3E364TS	4,443	N1B	935	70.0	95.0	27.638	208-230/460V	
	1800	364T	06018OT3E364T	4,443	N1B	935	70.0	95.0	29.764	208-230/460V	
1200	404T	06012OT3E404T	7,562	N1B	1007	71.2	94.5	34.133	208-230/460V	◆	

- ELECTRICAL FEATURES ON PAGE B-13.
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HP	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	Approx. Shipp. Weight Lbs	FL Amps 460V	FL Eff. %	"C" Dimension (in.)	Volts	Notes
75	3600	364TS	075360T3E364TS	5,799	N1B	805	81.5	94.1	27.638	208-230/460V	
	3600	364TS	075360T3H364TS	5,799	N1B	805	81.5	94.1	27.638	575V	◆
	1800	365TS	075180T3E365TS	5,658	N1B	935	85.5	95.0	27.638	208-230/460V	
	1800	365T	075180T3E365T	5,658	N1B	935	85.5	95.0	29.764	208-230/460V	
	1800	365T	075180T3H365T	5,658	N1B	935	85.5	95.0	29.764	575V	◆
	1200	405T	075120T3E405T	8,358	N1B	1188	85.9	94.5	34.133	208-230/460V	
100	3600	365TS	100360T3E365TS	6,644	N1B	935	111	94.5	27.638	208-230/460V	
	3600	365TS	100360T3G365TS	6,644	N1B	935	111	94.5	27.638	460V	
	1800	404TS	100180T3E404TS	7,141	N1B	1207	115	95.4	31.141	208-230/460V	
	1800	404TS	100180T3G404TS	7,141	N1B	1207	115	95.4	31.141	460V	
	1800	404T	100180T3E404T	7,141	N1B	1207	115	95.4	34.133	208-230/460V	
	1800	404T	100180T3G404T	7,141	N1B	1207	115	95.4	34.133	460V	
125	1200	444T	100120T3E444T	11,863	N1B	1635	125	95.0	39.803	208-230/460V	
	3600	404TS	125360T3E404TS	8,826	N1B	1401	132	94.5	31.141	208-230/460V	◆
	3600	404TS	125360T3G404TS	8,826	N1B	1401	132	94.5	31.141	460V	
	1800	405TS	125180T3E405TS	7,981	N1B	1207	141	95.4	31.141	208-230/460V	◆
	1800	405TS	125180T3G405TS	7,981	N1B	1207	141	95.4	31.141	460V	
	1800	405T	125180T3E405T	7,981	N1B	1207	141	95.4	34.133	208-230/460V	◆
150	1800	405T	125180T3G405T	7,981	N1B	1207	141	95.4	34.133	460V	
	1200	445T	125120T3G445T	12,753	N1B	1914	158	95.0	39.803	460V	
	3600	405TS	150360T3G405TS	11,416	N1B	1141	159	94.5	31.141	460V	
	1800	444TS	150180T3G444TS	10,668	N1B	1609	166	95.8	36.062	460V	
	1800	444T	150180T3G444T	10,668	N1B	1609	166	95.8	39.803	460V	
	1200	445T	150120T3G445T	13,615	N1B	2208	183	95.4	39.803	460V	
200	3600	444TS	200360T3G444TS	14,504	N1B	1713	220	95.0	36.062	460V	
	1800	445TS	200180T3G445TS	13,004	N1B	1916	223	95.8	36.062	460V	
	1800	445T	200180T3G445T	13,004	N1B	1916	223	95.8	39.803	460V	
	1200	447/9T	200120T3G447/9T	23,380	N1B	2426	241	95.4	47.299	460V	
250	3600	445TS	250360T3G445TS	18,983	N1B	1982	269	95.0	36.062	460V	
	1800	445TS	250180T3G445TS	15,513	N1B	2183	275	95.8	36.062	460V	
	1800	445T	250180T3G445T	15,513	N1B	2183	275	95.8	39.803	460V	
	1200	447/9T	250120T3G447/9T	27,249	N1B	2669	300	95.4	47.299	460V	
300	3600	445TS	300360T3G445TS	22,294	N1B	2183	315	95.4	36.062	460V	
	1800	447/9T	300180T3G447/9T	24,878	N1B	2195	324	95.8	48.317	460V	
	1200	447/9T	300120T3G447/9T	29,853	N1B	2695	357	95.4	48.317	460V	
350	3600	447/9TS	350360T3G447/9TS	25,055	N1B	1998	376	95.4	44.567	460V	
	1800	447/9T	350180T3G447/9T	25,174	N1B	2415	383	95.8	48.317	460V	
400	3600	447/9TS	400360T3G447/9TS	26,678	N1B	1998	432	95.8	44.567	460V	
	1800	447/9T	400180T3G447/9T	28,311	N1B	2686	383	95.8	48.317	460V	
450	3600	447/9TS	450360T3G447/9TS	28,239	N1B	2223	468	96.2	44.567	460V	
500	3600	447/9TS	500360T3G447/9TS	31,476	N1B	2289	536	96.2	44.567	460V	
550	3600	447/9TS	550360T3G447/9TS	32,629	N1B	2421	573	96.2	44.567	460V	
600	3600	447/9TS	600360T3G447/9TS	32,994	N1B	2509	631	96.2	44.567	460V	

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