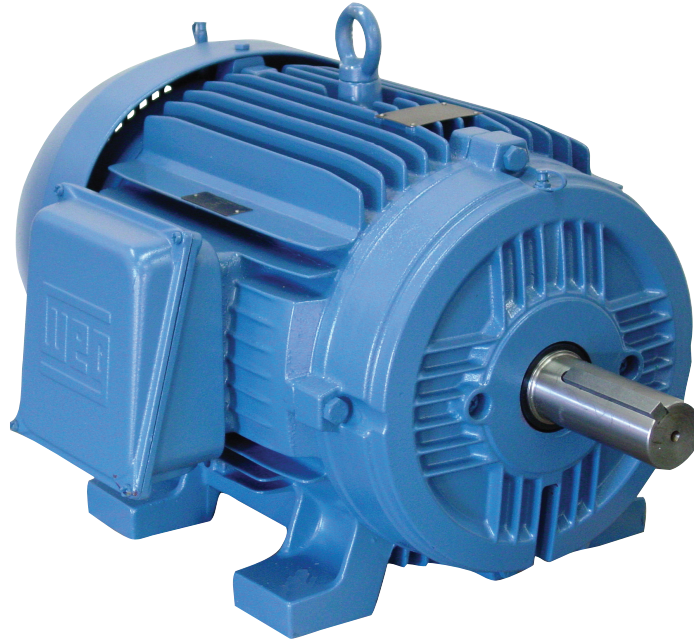


INDEX – W21 HIGH EFFICIENCY GENERAL PURPOSE MOTORS



GENERAL
PURPOSE



HIGH EFFICIENCY GENERAL PURPOSE MOTORS

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NEMA PREMIUM EFFICIENCY GENERAL PURPOSE MOTORS

THREE-PHASE MOTORS

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FAN COVER

Made of steel, the fan cover offers superior mechanical rigidity, corrosion resistance and extended lifetime.

BEARINGS

WEG motors are fitted with the highest quality bearings selected among the best manufacturers in the world and designed to ensure long life to the motor even under heavy working conditions

SHAFT

WEG uses SAE/AISI 1040/45 steel as standard, which provides high mechanical resistance, preventing flexing under load and minimizes fatigue which extends lifetime performance. Specially designed to withstand torques caused during motor acceleration and deceleration (brake). Size is larger than standard motor and upon special design, shaft can have second end.

FRAME

Made of cold laminated steel plate with an anti-corrosive treatment.

FAN

WEG has designed fans and fan covers to produce one of the quietest electric motors in the market. Fans are fully efficient cooling ensuring low motor temperature rise, this minimizes winding losses, thus increasing motor efficiency.

WEG uses the Finite Element Analysis (FEA) software on its motor parts (endshield, frames, T-boxes). FEA is used to detect irregularities and thermal simulations of mechanical components. This system provides a unified product development environment offering a tight integration across a wide range of design processes ranging from geometry modeling and CAD editing, meshing and pre-processing, advanced analysis (structural, thermal, electromagnetics, etc.) and robust design optimization.

STATOR

Composed of highest quality steel laminations.

ROTOR

Composed of magnetic laminations with low electrical losses. Pure alloy aluminum bars form the cage and are cast under pressure into one piece.

WINDING

The wire are supplied with patented WISE (WEG Insulation System Evolution), which allows three times longer motor lifetime designed to work in environments with excess moisture and are suitable for Variable Frequency Drive application.

DRAIN PLUGS

Provided with plastic drain plug allowing drainage of condensed water.

ENDSHIELDS

Made of cast iron, provided with external fins for better heat dissipation, thus increasing bearing life.

SEALS

WEG motors are fitted with V-ring seals (Oil seals and Lip seals as optional) to provide the best possible protection in dusty and high moisture environments.

W21 HIGH EFFICIENCY GENERAL PURPOSE



GENERAL
PURPOSE

FAN COVER

Steel covers on 143T up to 215T frames and cast iron on frames 254T and up.

BEARINGS

The bearings are dimensioned to ensure long life to the motor, even under heavy working conditions. Positive pressure lubrication system includes a drain plug that allows the outflow of excess grease on 254T frames up to 586/7.

EYEBOLT

For easy handling, motors 184T frames and larger are provided with an eyebolt. Footless motors are provided with two eyebolts.

NAME PLATE

Stainless steel nameplate contains a complete and permanent record of all motor data (according to NEMA requirements).

FRAME

Made of FC-200 cast iron, with external fins for maximum

ROTOR

Aluminum die cast into a magnetic steel lamination for low electric losses. Dynamically balanced for smooth operation, reduced vibration and noise.

DRAIN PLUGS

Provided with automatic drain plug that quickly drains condensation.

FAN

Made of rigid plastic from frames 143T up to 505T and aluminum for frame 586/7. Non sparking, non toxic, resistant to environmental conditions, and ensures low noise operation.

STATOR

Made of silicon steel laminations thermo-chemically treated to improve the electric characteristics, reducing electric losses and the operating temperature.

TERMINAL BOX

Oversized, cast iron construction. Gasketed lid and between box and frame. NPT threads holes to connect conduit or cable glands.

WINDING

All copper winding wire enameled with class "H" polyester varnish. Insulating materials of high dielectric rigidity and solvent free polyester resin providing excellent mechanical resistance.

V-RING SLINGER

In both endshields to protect bearings and motor from the aggressive components present in the environment.

TEFC – THREE PHASE FOOT & FLANGE MOUNT

WEG's W21™ Severe Duty High Efficiency motors are designed to meet or exceed all EPA requirements for energy efficiency as defined by the DOE. The efficiency values are certified according to the DOE's regulations (Certificate of Compliance number CC029A). W21™ motors meet the most demanding severe duty application requirements. These TEFC motors are all cast iron construction, with enclosures rated IP55 to handle wet and dirty environments. They are painted with WEG's own special system, using synthetic enamel alkyd resin paints, which exceed the ASTM B117 standard for salt spray test. The W21™ line is rated for 1.25 Service Factor up to 100HP. This line is rated for dual frequency and dual voltage (with reduced service factor) up to 60 HP. The entire line is certified Inverter Rated for use with a VFD. This rating meets or exceeds MG1 Part 31 NEMA Specifications.



Available in
Frames 143T to 586/7T

STANDARD FEATURES (Frames 143T and up) – Cast Iron

- Efficiency Certification number CC029A according to US Department of Energy Regulations
- Three-phase, 2, 4, 6 and 8 pole, 60Hz
- Voltage: 208-230/460V, 200V, 460V or 575V
- 50/60Hz rated up to 60HP (Same HP for both frequencies) (For 75HP and up please contact your sales office)
- Totally Enclosed Fan Cooled - TEFC (IP55) water tight and dust tight enclosure
- Squirrel cage rotor / Aluminum die cast
- V-ring slingers on both endshields (586/7 frame equipped with labyrinth taconite seal as standard)
- Ball bearings are supplied as standard (RB part numbers supplied with roller bearings)
- 1045 Carbon Steel Shaft for frames up to 365T.
- 4140 steel shaft for motors 404T and above. (3600 RPM motors supplied with 1045)
- NEMA dimensions
- Class 'F' insulation for all frames
- Class 'H' impregnation resin
- Temperature rise: Class 'B' (80°C)
- NEMA ratings design 'B'
- Most ratings meet Design C Torque*
- Service Factor: 1.25 up to 100HP
1.15 from 125 HP and up
- Continuous duty (S1)
- F1 mounted T-Box (F2 mounted capable)
- Stainless steel nameplate AISI 316 with laser etching
- Paint: Synthetic enamel alkyd resin base (exceeds ASTM B117 salt spray test)
- Color: RAL 5007 - Blue (2, 4 and 6 pole paint plan 201A)
- Automatic drain plugs - pressure compensated
- Regreasable bearings, positive pressure lubrication system (frames 254T and up)
- Gasketed conduit box
- MG1 Part 31 rating for use with VFD at 12:1 constant torque speed range. Speed range can be extended with optional Blower Kit
- Class 1, Div 2, Groups B, C & D, T3C

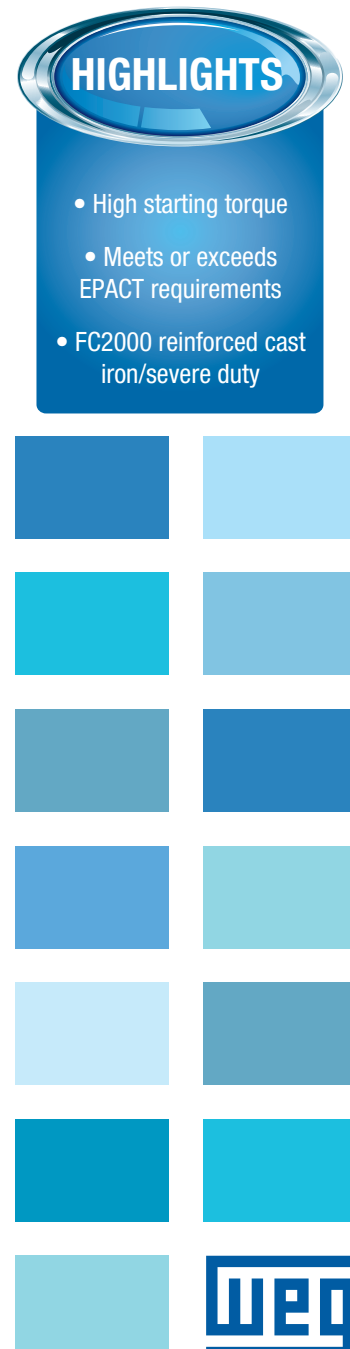
HIGHLIGHTS

- High starting torque
- Meets or exceeds EPACT requirements
- FC2000 reinforced cast iron/severe duty



For standard features (Frame 56), see page A-17.

* Design B torque rating on nameplate can be re-plated for Design C for 15-200Hp 1800 and 1200 rpm. All motors are tested according to IEEE 112 std. - method 'B' or C390 CSA. Energy efficiency motors verified by UL in addition to the DOE.



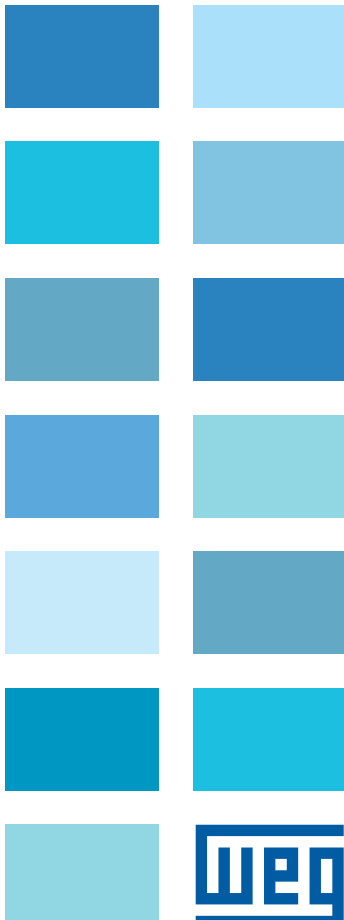
General Purpose W21 High Efficiency



GENERAL
PURPOSE



Available in
Frames 143T to 586/7T



OPTIONAL FEATURES (Frames 143T and up)

- Special voltages
- Specially designed shaft
- Space heaters (standard on 586/7 frames)
- Labyrinth taconite seal available for all ratings
- Thermistors, Thermostats or RTD's (PT100)
- Additional terminal box
- Drip cover (canopy) for shaft down applications
- Cable glands
- 'C' and 'D' flanges for all ratings
- Roller bearings on drive end available for all frames
- Special epoxy painting

APPLICATIONS

- Pumps
- Fans
- Crushers
- Conveyors
- Machine tools
- Milling applications
- Centrifugal machines
- Presses
- Elevators
- Looms
- Grinders
- Woodworking
- Cooling
- Packaging equipment
- Other Severe Duty applications

For optional features
(Frame 56)
see page A-17



General Purpose
Rolled Steel Line
TEFC - High Efficiency

GENERAL
PURPOSE



HIGHLIGHTS

- Lighter weight
- Meets or exceeds EPACT requirements

APPLICATIONS

- Pumps
- Compressors
- Fans
- Machine Tools
- Other General Purpose

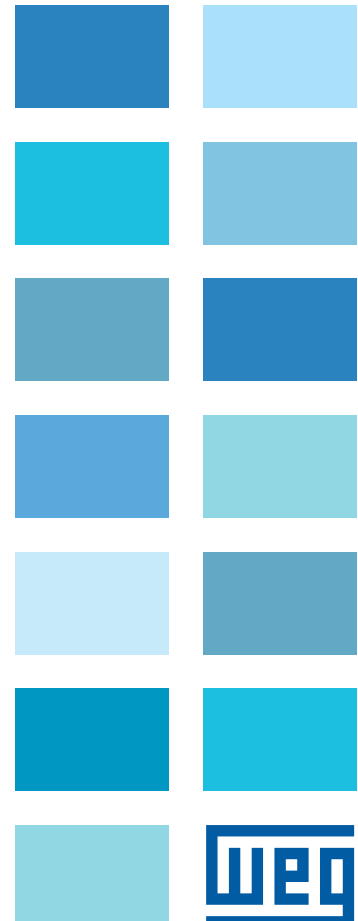
OPTIONAL FEATURES

- Voltage: 575V and others
- Degree of Protection: IP56
- Lip seal, Oil seal
- Class "H" insulation

* More options available upon request

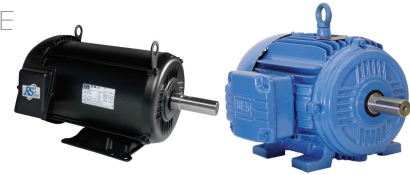
STANDARD FEATURES

- Frames (143/5T up to 254/6T)
- Voltages: 208-230/460V
- Degree of Protection: IP55
- V'ring seal
- Ball bearings (ZZ up to 256T)
- Plastic fan
- Class "F" insulation
- Service factor: 1.15
- Color: Munsell N1 (Black)
- 1-20 Hp
- NEMA MG1 Part 31 rated for use with VFD 2:1 CT and 10:1 VT





W21 HIGH EFFICIENCY
GENERAL PURPOSE MOTORS
TEFC – HIGH EFFICIENCY – THREE-PHASE
EPACT CC# CC029A



FOOT MOUNT

HP	RPM	NEMA FRAME	Catalog Number	List Price	Multi. Sym.	Approx. Shipp. Weight Lbs	FL Amps 460V	FL Eff. %	"C" Dimension (in)	Voltage	Notes
1/4	3600	56	.2536ES3EB56	237	F1	27	0.47	65.4	11.496	208-230/460V	
	1800	56	.2518ES3EB56	249	F1	28	0.59	64.1	11.496	208-230/460V	
1/3	3600	56	.3336ES3EB56	249	F1	29	0.61	73.0	11.496	208-230/460V	
	1800	56	.3318ES3EB56	253	F1	30	0.58	72.0	11.496	208-230/460V	
1/2	3600	56	.5036ES3EB56	258	F1	31	0.81	77.0	11.496	208-230/460V	
	1800	56	.5018ES3EB56	287	F1	32	0.85	74.0	11.496	208-230/460V	
	1200	56	.5012ES3EB56	417	F1	36	1.27	71.0	11.496	208-230/460V	
3/4	3600	56	.7536ES3EB56	287	F1	33	1.09	79.0	11.496	208-230/460V	
	1800	56	.7518ES3EB56	311	F1	35	1.11	77.0	11.496	208-230/460V	
	1200	56	.7512ES3ED56	427	F1	43	1.60	75.2	12.677	208-230/460V	
1	3600	56	00136ES3EB56	338	F1	37	1.44	81.0	11.496	208-230/460V	
	1800	56	00118ES3ED56	321	F1	39	1.47	80.0	12.677	208-230/460V	
	1800	143T	00118EP3ERS143T	377	RS	39	1.47	80.0	14.095	208-230/460V	RS
	1800	143T	00118EP3E143T	411	W1	47	1.49	82.5	12.250	208-230/460V	
	1800	143T	00118EP3H143T	411	W1	38	1.20	82.5	12.250	575V	
	1200	56	00112ES3EF56	432	F1	45	1.92	76.7	12.677	208-230/460V	
	1200	145T	00112EP3ERS145T	463	RS	45	1.70	80.0	14.095	208-230/460V	RS
	1200	145T	00112EP3E145T	505	W1	47	1.70	80.0	13.234	208-230/460V	
	1200	145T	00112EP3H145T	505	W1	38	1.40	80.0	13.234	575V	
	900	182T	00109EP3E182T	799	W1	95	2.31	74.0	14.860	208-230/460V	
1.5	3600	56	00156ES3EB56	370	F1	40	1.97	82.5	11.496	208-230/460V	
	3600	143T	00156EP3ERS143T	395	RS	40	1.99	82.5	14.095	208-230/460V	RS
	3600	143T	00156EP3E143T	431	W1	45	1.99	82.5	12.250	208-230/460V	
	1800	56	00158ES3ED56	362	F1	43	2.11	81.0	12.677	208-230/460V	
	1800	145T	00158EP3ERS145T	382	RS	43	2.05	81.0	14.095	208-230/460V	RS
	1800	145T	00158EP3E145T	417	W1	54	2.05	84.0	13.234	208-230/460V	
	1800	145T	00158EP3H145T	417	W1	43	1.70	84.0	13.234	575V	
	1200	182T	00152EP3ERS182T	576	RS	74	2.37	85.5	16.404	208-230/460V	RS
	1200	182T	00152EP3E182T	628	W1	77	2.38	85.5	14.860	208-230/460V	
	1200	182T	00152EP3H182T	628	W1	62	1.90	85.5	14.860	575V	
2	900	184T	00159EP3E184T	983	W1	110	2.71	77.0	15.860	208-230/460V	
	3600	56	00236ES3ED56	414	F1	44	2.67	84.0	12.677	208-230/460V	
	3600	145T	00236EP3ERS145T	450	RS	44	2.60	84.0	14.095	208-230/460V	RS
	3600	145T	00236EP3E145T	491	W1	47	2.60	84.0	13.234	208-230/460V	
	3600	145T	00236EP3H145T	491	W1	38	2.10	84.0	13.234	575V	
	1800	56	00218ES3EF56	392	F1	50	2.84	82.0	13.858	208-230/460V	
	1800	145T	00218EP3ERS145T	426	RS	50	2.70	82.0	14.095	208-230/460V	RS
	1800	145T	00218EP3E145T	465	W1	56	2.70	84.0	13.234	208-230/460V	
	1800	145T	00218EP3H145T	465	W1	45	2.20	84.0	13.234	575V	
	1200	184T	00212EP3ERS184T	626	RS	91	3.20	86.5	16.404	208-230/460V	RS
	1200	184T	00212EP3E184T	683	W1	88	3.20	86.5	15.860	208-230/460V	
	1200	184T	00212EP3H184T	683	W1	70	2.60	86.5	15.860	575V	
	900	213T	00209EP3E213T	1,480	W1	141	3.46	82.5	18.021	208-230/460V	

- ELECTRICAL FEATURES ON PAGE B-4, B-5, & B-6.
- MECHANICAL FEATURES ON PAGE B-52, B-53, B-54 & B-55.

- 1.0 Service Factor
- NEMA T Rolled Steel Frame Motors
- Roller Bearing
- Product might not be available from stock



W21 HIGH EFFICIENCY
GENERAL PURPOSE MOTORS
TEFC – HIGH EFFICIENCY – THREE-PHASE
EPACT CC# CC029A



FOOT MOUNT

GENERAL
PURPOSE

HP	RPM	NEMA FRAME	Catalog Number	List Price	Multi. Sym.	Approx. Shipp. Weight Lbs	FL Amps 460V	FL Eff. %	"C" Dimension (in)	Voltage	Notes
3	3600	56	00336ES3EF56	484	F1	49	3.80	84.5	13.858	208-230/460V	
	3600	W182/4T	00336EP3ERS182T	540	RS	61	3.67	85.5	17.719	208-230/460V	RS
	3600	W182T	00336EP3E182T	589	W1	106	3.59	85.5	15.630	208-230/460V	
	3600	W182T	00336EP3H182T	589	W1	106	2.90	85.5	15.630	575V	
	1800	W182/4T	00318EP3ERS182T	483	RS	59	4.15	87.5	17.719	208-230/460V	RS
	1800	W182T	00318EP3E182T	527	W1	97	3.90	87.5	15.630	208-230/460V	
	1800	W182T	00318EP3H182T	527	W1	97	3.12	87.5	15.630	575V	
	1200	213T	00312EP3ERS213T	817	RS	104	4.26	87.5	20.257	208-230/460V	RS
	1200	213T	00312EP3E213T	891	W1	123	4.15	87.5	18.021	208-230/460V	
	1200	213T	00312EP3H213T	891	W1	123	3.32	87.5	18.021	575V	
5	900	215T	00309EP3E215T	1,609	W1	159	4.33	84.0	19.517	208-230/460V	
	3600	W182/4T	00536EP3ERS184T	660	RS	64	6.10	87.5	17.719	208-230/460V	RS
	3600	W184T	00536EP3E184T	720	W1	114	5.90	87.5	15.630	208-230/460V	
	3600	W184T	00536EP3H184T	720	W1	114	4.72	87.5	15.630	575V	
	1800	W182/4T	00518EP3ERS184T	572	RS	68	6.90	87.5	17.719	208-230/460V	RS
	1800	W184T	00518EP3E184T	624	W1	102	6.48	87.5	15.630	208-230/460V	
	1800	W184T	00518EP3H184T	624	W1	102	5.18	87.5	15.630	575V	
	1200	215T	00512EP3ERS215T	1,049	RS	145	7.08	87.5	20.257	208-230/460V	RS
	1200	215T	00512EP3E215T	1,144	W1	175	6.80	87.5	19.517	208-230/460V	
	1200	215T	00512EP3H215T	1,144	W1	175	5.44	87.5	19.517	575V	
7.5	900	254T	00509EP3E254T	2,703	W1	232	7.99	85.5	23.213	208-230/460V	
	3600	213T	00736EP3ERS213T	901	RS	112	9.00	88.5	20.257	208-230/460V	RS
	3600	213T	00736EP3E213T	983	W1	150	8.66	88.5	18.021	208-230/460V	
	3600	213T	00736EP3H213T	983	W1	150	6.93	88.5	18.021	575V	
	1800	213T	00718EP3ERS213T	757	RS	120	9.64	89.5	20.257	208-230/460V	RS
	1800	213T	00718EP3E213T	826	W1	150	9.53	89.5	18.021	208-230/460V	
	1800	213T	00718EP3H213T	826	W1	150	7.62	89.5	18.021	575V	
	1200	254T	00712EP3ERS254T	1,512	RS	190	9.53	89.5	22.956	208-230/460V	RS
	1200	254T	00712EP3E254T	1,649	W1	262	9.53	89.5	23.213	208-230/460V	
	1200	254T	00712EP3H254T	1,649	W1	262	7.62	89.5	23.213	575V	
10	900	256T	00709EP3E256T	2,856	W1	276	11.2	86.5	24.945	208-230/460V	
	3600	215T	01036EP3ERS215T	1,049	RS	136	11.8	89.5	20.257	208-230/460V	RS
	3600	215T	01036EP3E215T	1,144	W1	150	11.7	89.5	19.517	208-230/460V	
	3600	215T	01036EP3H215T	1,144	W1	150	9.4	89.5	19.517	575V	
	1800	215T	01018EP3ERS215T	901	RS	134	12.8	89.5	20.257	208-230/460V	RS
	1800	215T	01018EP3E215T	983	W1	165	12.8	90.2	19.517	208-230/460V	
	1800	215T	01018EP3H215T	983	W1	165	9.4	90.2	19.517	575V	
	1200	256T	01012EP3ERS256T	1,740	RS	206	13.4	89.5	22.956	208-230/460V	RS
	1200	256T	01012EP3E256T	1,897	W1	304	13.4	89.5	24.945	208-230/460V	
	1200	256T	01012EP3H256T	1,897	W1	304	10.7	89.5	24.945	575V	
900	284T		01009EP3E284T	3,786	W1	373	13.6	88.5	26.433	208-230/460V	

- ELECTRICAL FEATURES ON PAGE B-4, B-5, & B-6.
- MECHANICAL FEATURES ON PAGE B-52, B-53, B-54 & B-55.

- 1.0 Service Factor
- NEMA T Rolled Steel Frame Motors
- Roller Bearing
- Product might not be available from stock

W21 HIGH EFFICIENCY – GENERAL PURPOSE MOTORS

TEFC – HIGH EFFICIENCY – THREE-PHASE

EPACT CC# CC029A



FOOT MOUNT

GENERAL PURPOSE

HP	RPM	NEMA FRAME	Catalog Number	List Price	Multi. Sym.	Approx. Shipp. Weight Lbs	FL Amps 460V	FL Eff. %	"C" Dimension (in)	Voltage	Notes
15	3600	W254/6T	01536EP3ERS254T	1,503	RS	162	17.0	90.2	21.500	208-230/460V	RS
	3600	254T	01536EP3E254T	1,639	W1	280	17.0	90.2	23.213	208-230/460V	
	3600	254T	01536EP3H254T	1,639	W1	280	13.6	90.2	23.213	575V	
	1800	W254/6T	01518EP3ERS254T	1,371	RS	178	18.5	91.0	21.500	208-230/460V	RS
	1800	254T	01518EP3E254T	1,495	W1	266	17.9	91.0	21.500	208-230/460V	
	1800	254T	01518EP3H254T	1,495	W1	266	13.6	91.0	21.500	575V	
	1200	284T	01512EP3E284T	2,626	W1	346	17.3	91.0	21.500	208-230/460V	
	1200	284T	01512EP3H284T	2,626	W1	346	13.6	91.0	21.500	575V	
20	900	286T	01509EP3E286T	4,291	W1	423	19.0	88.5	21.500	208-230/460V	
	3600	W254/6T	02036EP3ERS256T	1,821	RS	167	23.6	90.2	22.956	208-230/460V	RS
	3600	256T	02036EP3E256T	1,985	W1	313	23.3	90.2	21.500	208-230/460V	
	3600	256T	02036EP3H256T	1,985	W1	313	18.6	90.2	21.500	575V	
	1800	254/6T	02018EP3ERS256T	1,682	RS	182	24.4	91.0	24.925	208-230/460V	RS
	1800	256T	02018EP3E256T	1,834	W1	313	24.4	91.0	24.945	208-230/460V	
	1800	256T	02018EP3H256T	1,834	W1	313	19.5	91.0	24.945	575V	
	1200	286T	02012EP3E286T	3,301	W1	470	23.5	91.0	27.929	208-230/460V	
25	1200	286T	02012EP3H286T	3,301	W1	470	19.5	91.0	27.929	575V	
	900	324T	02009EP3E324T	5,277	W1	537	28.0	89.5	29.620	208-230/460V	♦
	3600	284TS	02536EP3E284TS	2,368	W1	353	29.0	91.0	25.061	208-230/460V	
	3600	284TS	02536EP3H284TS	2,368	W1	353	23.2	91.0	25.061	575V	
	1800	284TS	02518EP3E284TS	2,195	W1	437	29.6	92.4	25.061	208-230/460V	
	1800	284T	02518EP3E284T	2,195	W1	437	29.6	92.4	26.433	208-230/460V	
	1800	284T	02518EP3H284T	2,195	W1	437	23.2	92.4	26.433	575V	
	1200	324T	02512EP3E324T	3,989	W1	572	29.8	91.7	29.620	208-230/460V	
30	1200	324T	02512EP3H324T	3,989	W1	572	23.2	91.7	29.620	575V	
	900	326T	02509EP3E326T	5,924	W1	616	35.5	89.5	31.116	208-230/460V	♦
	3600	286TS	03036EP3E286TS	2,819	W1	404	33.8	91.0	26.557	208-230/460V	
	3600	286TS	03036EP3H286TS	2,819	W1	404	27.0	91.0	26.557	575V	
	1800	286TS	03018EP3E286TS	2,686	W1	481	34.4	92.4	26.557	208-230/460V	
	1800	286T	03018EP3E286T	2,686	W1	481	34.4	92.4	27.929	208-230/460V	
	1800	286T	03018EP3H286T	2,686	W1	481	27.5	92.4	27.929	575V	
	1200	326T	03012EP3E326T	4,394	W1	625	35.4	91.7	31.116	208-230/460V	
40	1200	326T	03012EP3H326T	4,394	W1	625	27.5	91.7	31.116	575V	
	900	364T	03009EP3E364T	8,446	W1	926	38.4	91.0	33.709	208-230/460V	♦
	3600	324TS	04036EP3E324TS	3,937	W1	561	46.1	91.7	28.120	208-230/460V	
	3600	324TS	04036EP3H324TS	3,937	W1	561	36.9	91.7	28.120	575V	
	1800	324TS	04018EP3E324TS	3,665	W1	587	47.6	93.0	28.120	208-230/460V	
	1800	324T	04018EP3E324T	3,665	W1	587	47.6	93.0	29.620	208-230/460V	
	1800	324T	04018EP3H324T	3,665	W1	587	38.1	93.0	29.620	575V	
	1200	364T	04012EP3E364T	5,935	W1	992	47.1	93.0	33.709	208-230/460V	
40	1200	364T	04012EP3H364T	5,935	W1	992	37.7	93.0	33.709	575V	
	900	365T	04009EP3E365T	9,973	W1	998	52.4	91.0	33.709	208-230/460V	♦

- ELECTRICAL FEATURES ON PAGE B-6.
- MECHANICAL FEATURES ON PAGE B-53, & B-55.

- 1.0 Service Factor
- RS NEMA T Rolled Steel Frame Motors
- Roller Bearing
- ♦ Product might not be available from stock



W21 HIGH EFFICIENCY – GENERAL PURPOSE MOTORS

TEFC – HIGH EFFICIENCY – THREEPHASE

EPACT CC# CC029A



FOOT MOUNT

HP	RPM	NEMA FRAME	Catalog Number	List Price	Multi. Sym.	Approx. Shipp. Weight Lbs	FL Amps 460V	FL Eff. %	"C" Dimension (in)	Voltage	Notes
50	3600	326TS	05036EP3E326TS	4,196	W1	594	56.5	92.4	29.616	208-230/460V	
	1800	326TS	05018EP3E326TS	4,087	W1	640	57.8	93.6	29.616	208-230/460V	
	1800	326T	05018EP3E326T	4,087	W1	640	57.8	93.6	31.116	208-230/460V	
	1800	326T	05018EP3H326T	4,087	W1	640	46.2	93.6	31.116	575V	
	1200	365T	05012EP3E365T	7,171	W1	992	58.1	93.0	33.709	208-230/460V	
	900	404T	05009EP3E404T	11,339	W1	1,227	64.9	91.7	38.077	208-230/460V	♦
60	3600	364TS	06036EP3E364TS	6,428	W1	917	69.0	93.0	31.583	208-230/460V	
	1800	364TS	06018EP3E364TS	6,282	W1	963	67.0	93.6	31.583	208-230/460V	
	1800	364T	06018EP3E364T	6,282	W1	963	67.0	93.6	33.709	208-230/460V	
	1800	364T	06018EP3H364T	6,282	W1	963	53.6	93.6	33.709	575V	
	1200	404T	06012EP3E404T	9,024	W1	1,222	70.1	93.6	38.077	208-230/460V	
	900	405T	06009EP3E405T	12,908	W1	1,373	77.0	91.7	38.077	208-230/460V	♦
75	3600	365TS	07536EP3E365TS	7,815	W1	1,025	82.5	93.0	31.583	208-230/460V	
	1800	365TS	07518EP3E365TS	7,508	W1	1,010	82.4	94.1	31.583	208-230/460V	
	1800	365T	07518EP3E365T	7,508	W1	1,010	82.4	94.1	33.709	208-230/460V	
	1800	365T	07518EP3G365T	7,508	W1	1,010	82.4	94.1	33.709	460V	
	1800	365T	07518EP3H365T	7,508	W1	1,010	65.9	94.1	33.709	575V	
	1200	405T	07512EP3E405T	10,048	W1	1,291	86.8	93.6	38.077	208-230/460V	
	900	444T	07509EP3E444T	16,918	W1	1,558	90.5	93.0	43.773	208-230/460V	♦
100	3600	405TS	10036EP3E405TS	9,502	W1	1,361	113	93.6	35.077	208-230/460V	
	3600	405TS	10036EP3G405TS	9,502	W1	1,361	113	93.6	35.077	460V	
	1800	405TS	10018EP3E405TS	9,547	W1	1,273	115	94.5	35.077	208-230/460V	
	1800	405TS	10018EP3G405TS	9,547	W1	1,273	115	94.5	35.077	460V	
	1800	405T	10018EP3E405T	9,547	W1	1,273	115	94.5	38.077	208-230/460V	
	1800	405T	10018EP3ERB405T	9,547	W1	1,273	115	94.5	38.077	208-230/460V	○
	1800	405T	10018EP3G405T	9,547	W1	1,273	115	94.5	38.077	460V	
	1800	405T	10018EP3GRB405T	9,547	W1	1,273	115	94.5	38.077	460V	○
	1800	405T	10018EP3H405T	9,547	W1	1,273	92	94.5	38.077	575V	
	1200	444T	10012EP3E444T	13,027	W1	1,720	121	94.1	43.776	208-230/460V	
	1200	444T	10012EP3G444T	13,027	W1	1,720	121	94.1	43.776	460V	
	1200	444T	10012EP3GRB444T	13,027	W1	1,720	121	94.1	43.776	460V	○
	900	445T	10009EP3G445T	21,909	W1	1,811	123	93.0	43.776	460V	♦
125	3600	444TS	12536EP3G444TS	12,791	W1	1,801	131	94.5	40.026	460V	
	1800	444TS	12518EP3G444TS	12,678	W1	1,647	138	94.5	40.026	460V	
	1800	444T	12518EP3G444T	12,678	W1	1,647	138	94.5	43.776	460V	
	1800	444T	12518EP3GRB444T	12,678	W1	1,647	138	94.5	43.776	460V	○
	1200	445T	12512EP3G445T	15,429	W1	2,050	141	94.1	43.776	460V	
	1200	445T	12512EP3GRB445T	15,429	W1	2,050	141	94.1	43.776	460V	○
	900	504	12509EP3G504	25,246	W1	2,146	148	93.6	43.776	460V	♦
150	3600	445TS	15036EP3G445TS	15,903	W1	1,865	160	94.5	40.026	460V	
	1800	445TS	15018EP3G445TS	14,952	W1	1,841	168	95.0	40.026	460V	
	1800	445T	15018EP3G445T	14,952	W1	1,841	168	95.0	43.776	460V	
	1800	445T	15018EP3GRB445T	14,952	W1	1,841	168	95.0	43.776	460V	○
	1200	447T	15012EP3G447T	18,105	W1	2,167	171	95.0	47.299	460V	
	1200	447T	15012EP3GRB447T	18,105	W1	2,167	171	95.0	47.299	460V	○
	1200	504	15012EP3G504	16,458	W1	2,167	171	95.0	49.449	460V	
	900	505	15009EP3G505	28,688	W1	2,387	178	93.6	49.449	460V	♦

• ELECTRICAL FEATURES ON PAGE B-6, B-7.

• MECHANICAL FEATURES ON PAGE B-53.



1.0 Service Factor



NEMA T Rolled Steel Frame Motors



Roller Bearing

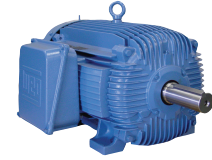


Product might not be available from stock

W21 HIGH EFFICIENCY – GENERAL PURPOSE MOTORS

TEFC – HIGH EFFICIENCY – THREE-PHASE

EPACT CC# CC029A



GENERAL
PURPOSE

FOOT MOUNT

HP	RPM	NEMA FRAME	Catalog Number	List Price	Multi. Sym.	Approx. Shipp. Weight Lbs	FL Amps 460V	FL Eff. %	"C" Dimension (in)	Voltage	Notes
200	3600	447TS	20036EP3G447TS	19,635	W1	2,072	223	95.0	43.549	460V	
	1800	445T	20018EP3G445T	18,506	W1	2,117	230	95.0	43.776	460V	
	1800	445T	20018EP3GRB445T	18,506	W1	2,117	230	95.0	43.776	460V	●
	1800	447T	20018EP3G447T	18,506	W1	2,194	230	95.0	47.299	460V	
	1800	447T	20018EP3GRB447T	18,506	W1	2,194	230	95.0	47.299	460V	●
	1800	504	20018EP3G504	18,506	W1	2,194	230	95.0	49.449	460V	
	1800	504	20018EP3GRB504	18,506	W1	2,194	230	95.0	49.449	460V	●
	1200	447T	20012EP3G447T	22,410	W1	2,467	236	95.0	47.299	460V	
	1200	447T	20012EP3GRB447T	22,410	W1	2,467	236	95.0	47.299	460V	●
	1200	505	20012EP3G505	22,410	W1	2,467	236	95.0	49.449	460V	
250	900	449T	20009EP3G449T	43,236	W1	4,005	263	94.5	49.449	460V	◆
	3600	447TS	25036EP3G447TS	21,318	W1	2,266	268	95.4	43.549	460V	
	1800	447T	25018EP3G447T	23,435	W1	2,513	283	95.4	47.299	460V	
	1800	447T	25018EP3GRB447T	23,435	W1	2,513	283	95.4	47.299	460V	●
	1800	505	25018EP3G505	23,435	W1	2,513	283	95.4	49.449	460V	
	1800	505	25018EP3GRB505	23,435	W1	2,513	283	95.4	49.449	460V	●
	1200	449T	25012EP3G449T	35,744	W1	3,126	298	95.0	54.976	460V	
	1200	586/7	25012EP3G586/7	38,854	W1	4,002	305	95.0	59.421	460V	
300	900	586/7	25009EP3G586/7	49,462	W1	4,457	318	95.0	59.421	460V	◆
	3600	449TS	30036EP3G449TS	33,348	W1	2,778	320	95.8	51.226	460V	
	3600	586/7S	30036EP3G586/7S	37,896	W1	3,374	325	95.4	48.845	460V	
	1800	449T	30018EP3G449T	29,765	W1	2,816	333	95.4	54.976	460V	
	1800	586/7	30018EP3G586/7	32,352	W1	3,837	329	95.4	59.421	460V	
	1800	586/7	30018EP3GRB586/7	32,352	W1	3,837	329	95.4	59.421	460V	●
	1200	449	30012EP3G449T	36,229	W1	3,358	364	95.0	54.976	460V	
	1200	586/7	30012EP3G586/7	39,379	W1	4,487	355	95.0	59.421	460V	
350	3600	449TS	35036EP3G449TS	36,622	W1	3,328	379	95.8	54.976	460V	◆
	3600	586/7S	35036EP3G586/7S	40,692	W1	3,605	384	95.4	48.845	460V	
	1800	449T	35018EP3G449T	36,337	W1	3,333	394	95.4	54.976	460V	◆
	1800	586/7	35018EP3G586/7	39,072	W1	4,300	398	95.4	59.421	460V	
	1800	586/7	35018EP3GRB586/7	39,072	W1	4,300	398	95.4	59.421	460V	●
	1200	586/7	35012EP3G586/7	45,881	W1	4,719	428	95.4	59.421	460V	
	1800	586/7	40018EP3G586/7	42,828	W1	4,686	459	95.4	59.421	460V	
400	1800	586/7	450018EP3GRB586/7	42,828	W1	4,686	459	95.40	59.421	460V	●
	1200	586/7	40012EP3G586/7	46,828	W1	4,961	481	95.40	59.421	460V	
	1800	586/7	45018EP3G586/7	44,663	W1	5,204	505	95.40	59.421	460V	◆
450	1800	586/7	45018EP3GRB586/7	44,663	W1	5,204	505	95.40	59.421	460V	◆●
	1200	586/7	45012EP3G586/7	48,977	W1	5,248	543	95.40	59.421	460V	◆
	1800	586/7	50018EP3G586/7	47,129	W1	5,424	564	95.80	59.421	460V	◆
500	1800	586/7	50018EP3GRB586/7	47,129	W1	5,424	564	95.80	59.421	460V	◆●

• ELECTRICAL FEATURES ON PAGE B-7.

• MECHANICAL FEATURES ON PAGE B-53.



1.0 Service Factor



NEMA T Rolled Steel



Roller Bearing



Product might not be available from stock



'C' FLANGE – FOOT MOUNT

HP	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	Approx. Shipp. Weight Lbs.	FL Amps 460V	FL. Eff. %	"C" Dimension (in.)	Voltage	NOTES
1/4	3600	56C	.2536ES3EB56C	258	F1	27	0.47	65.4	11.496	208-230/460V	
	1800	56C	.2518ES3EB56C	270	F1	28	0.59	64.1	11.496	208-230/460V	
1/3	3600	56C	.3336ES3EB56C	270	F1	29	0.61	73.0	11.496	208-230/460V	
	1800	56C	.3318ES3EB56C	274	F1	30	0.58	72.0	11.496	208-230/460V	
1/2	3600	56C	.5036ES3EB56C	282	F1	31	0.81	77.0	11.496	208-230/460V	
	1800	56C	.5018ES3EB56C	311	F1	32	0.85	74.0	11.496	208-230/460V	
	1200	56C	.5012ES3EB56C	440	F1	36	1.27	71.0	11.496	208-230/460V	
3/4	3600	56C	.7536ES3EB56C	311	F1	33	1.09	79.0	11.496	208-230/460V	
	1800	56C	.7518ES3EB56C	332	F1	35	1.11	77.0	11.496	208-230/460V	
	1200	56C	.7512ES3ED56C	449	F1	43	1.60	75.2	11.496	208-230/460V	
1	3600	56C	00136ES3EB56C	361	F1	37	1.44	81.0	11.496	208-230/460V	
	1800	56C	00118ES3ED56C	345	F1	39	1.47	80.0	12.677	208-230/460V	
	1800	143TC	00118EP3ERS143TC	403	RS	39	1.47	80.0	14.095	208-230/460V	RS
	1800	143TC	00118EP3E143TC	440	W1	47	1.49	82.5	12.250	208-230/460V	
	1200	56C	00112ES3EF56C	454	F1	45	1.92	76.7	12.677	208-230/460V	
	1200	145TC	00112EP3ERS145TC	489	RS	45	1.70	80.0	14.095	208-230/460V	RS
1.5	1200	145TC	00112EP3E145TC	534	W1	47	1.70	80.0	13.234	208-230/460V	
	3600	56C	00156ES3EB56C	392	F1	40	1.97	82.5	11.496	208-230/460V	
	3600	143TC	00156EP3ERS143TC	420	RS	40	1.99	82.5	14.095	208-230/460V	RS
	3600	143TC	00156EP3E143TC	458	W1	45	1.99	82.5	12.250	208-230/460V	
	1800	56C	00158ES3ED56C	384	F1	43	2.11	81.0	12.677	208-230/460V	
	1800	145TC	00158EP3ERS145TC	408	RS	43	2.05	81.0	14.095	208-230/460V	RS
	1800	145TC	00158EP3E145TC	445	W1	54	2.05	84.0	13.234	208-230/460V	
	1200	182TC	00152EP3ERS182TC	611	RS	74	2.37	85.5	16.404	208-230/460V	RS
2	1200	182TC	00152EP3E182TC	666	W1	77	2.38	85.5	14.860	208-230/460V	
	3600	56C	00236ES3ED56C	437	F1	44	2.67	84.0	12.677	208-230/460V	
	3600	145TC	00236EP3ERS145TC	475	RS	44	2.60	84.0	14.095	208-230/460V	RS
	3600	145TC	00236EP3E145TC	518	W1	47	2.60	84.0	13.234	208-230/460V	
	1800	56C	00218ES3EF56C	414	F1	50	2.84	82.0	13.858	208-230/460V	
	1800	145TC	00218EP3ERS145TC	451	RS	50	2.70	82.0	14.095	208-230/460V	RS
	1800	145TC	00218EP3E145TC	492	W1	56	2.70	84.0	13.234	208-230/460V	
	1200	184TC	00212EP3ERS184TC	661	RS	91	3.20	86.5	16.404	208-230/460V	RS
3	1200	184TC	00212EP3E184TC	721	W1	88	3.20	86.5	15.860	208-230/460V	
	3600	56C	00336ES3EF56C	507	F1	49	3.80	84.5	13.858	208-230/460V	
	3600	W182/4TC	00336EP3ERS182TC	575	RS	61	3.67	85.5	17.719	208-230/460V	RS
	3600	W182TC	00336EP3E182TC	627	W1	106	3.59	85.5	15.630	208-230/460V	
	1800	W182/4TC	00318EP3ERS182TC	518	RS	59	4.15	87.5	17.719	208-230/460V	RS
	1800	W182TC	00318EP3E182TC	565	W1	97	3.90	87.5	15.630	208-230/460V	
	1200	213TC	00312EP3ERS213TC	865	RS	104	4.26	87.5	20.257	208-230/460V	RS
	1200	213TC	00312EP3E213TC	943	W1	123	4.15	87.5	18.021	208-230/460V	
5	3600	W182/4TC	00536EP3ERS184TC	695	RS	64	6.10	87.5	17.719	208-230/460V	RS
	3600	W184TC	00536EP3E184TC	758	W1	114	5.90	87.5	15.630	208-230/460V	
	1800	W182/4TC	00518EP3ERS184TC	607	RS	68	6.90	87.5	17.719	208-230/460V	RS
	1800	W184TC	00518EP3E184TC	662	W1	102	6.48	87.5	15.630	208-230/460V	
	1200	215TC	00512EP3ERS215TC	1,096	RS	145	7.08	87.5	20.257	208-230/460V	RS
	1200	215TC	00512EP3E215TC	1,195	W1	175	6.80	87.5	19.517	208-230/460V	

• ELECTRICAL FEATURES ON PAGE B-4, B-5, & B-6.

• MECHANICAL FEATURES ON PAGE B-52,B-53, B-54, B-55 & 56.



1.0 Service Factor



NEMA T Rolled Steel



Roller Bearing



Product might not be available from stock

W21 HIGH EFFICIENCY – GENERAL PURPOSE MOTORS

TEFC – HIGH EFFICIENCY – THREE-PHASE

EPACT CC# CC029A



'C' FLANGE – FOOT MOUNT

HP	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	Approx. Shipp. Weight Lbs.	FL Amps 460V	FL Eff. %	"C" Dimension (in.)	Voltage	NOTES
7.5	3600	213TC	00736EP3ERS213TC	948	RS	112	9.00	88.5	20.257	208-230/460V	RS
	3600	213TC	00736EP3E213TC	1,034	W1	150	8.66	88.5	18.021	208-230/460V	
	1800	213TC	00718EP3ERS213TC	804	RS	120	9.64	89.5	20.257	208-230/460V	RS
	1800	213TC	00718EP3E213TC	877	W1	150	9.53	89.5	18.021	208-230/460V	
	1200	254TC	00712EP3ERS254TC	1,576	RS	190	9.53	89.5	22.956	208-230/460V	RS
	1200	254TC	00712EP3E254TC	1,718	W1	262	9.53	89.5	23.213	208-230/460V	
10	3600	215TC	01036EP3ERS215TC	1,096	RS	136	11.8	89.5	20.257	208-230/460V	RS
	3600	215TC	01036EP3E215TC	1,195	W1	150	11.7	89.5	19.517	208-230/460V	
	1800	215TC	01018EP3ERS215TC	948	RS	134	12.8	89.5	20.257	208-230/460V	RS
	1800	215TC	01018EP3E215TC	1,034	W1	165	12.8	90.2	19.517	208-230/460V	
	1200	256TC	01012EP3ERS256TC	1,803	RS	206	13.4	89.5	22.956	208-230/460V	RS
	1200	256TC	01012EP3E256TC	1,966	W1	304	13.4	89.5	24.945	208-230/460V	
15	3600	W254TC	01536EP3ERS254TC	1,566	RS	162	17.0	90.2	21.500	208-230/460V	RS
	3600	254TC	01536EP3E254TC	1,707	W1	280	17.0	90.2	23.213	208-230/460V	
	1800	W254TC	01518EP3ERS254TC	1,434	RS	178	18.5	91.0	21.500	208-230/460V	RS
	1800	254TC	01518EP3E254TC	1,564	W1	266	17.9	91.0	21.500	208-230/460V	
20	3600	W256TC	02036EP3ERS256TC	1,884	RS	167	23.3	90.2	22.956	208-230/460V	RS
	3600	256TC	02036EP3E256TC	2,054	W1	313	23.3	90.2	21.500	208-230/460V	
	1800	W256TC	02018EP3ERS256TC	1,745	RS	182	24.4	91.0	24.925	208-230/460V	RS
	1800	256TC	02018EP3E256TC	1,903	W1	313	24.4	91.0	24.945	208-230/460V	
25	3600	284TSC	02536EP3E284TSC	2,466	W1	353	29.0	91.0	25.061	208-230/460V	
	1800	284TSC	02518EP3E284TSC	2,294	W1	437	29.6	92.4	25.061	208-230/460V	
	1800	284TC	02518EP3E284TC	2,294	W1	437	29.6	92.4	26.433	208-230/460V	
30	3600	286TSC	03036EP3E286TSC	2,917	W1	404	33.8	91.0	26.557	208-230/460V	
	1800	286TSC	03018EP3E286TSC	2,785	W1	481	34.4	92.4	26.557	208-230/460V	
	1800	286TC	03018EP3E286TC	2,785	W1	481	34.4	92.4	27.929	208-230/460V	
40	1800	324TSC	04018EP3E324TSC	3,786	W1	587	47.6	93.0	28.120	208-230/460V	
	1800	324TC	04018EP3E324TC	3,786	W1	587	47.6	93.0	29.620	208-230/460V	
50	1800	326TSC	05018EP3E326TSC	4,208	W1	640	57.8	93.6	29.616	208-230/460V	
	1800	326TC	05018EP3E326TC	4,208	W1	640	57.8	93.6	31.116	208-230/460V	
60	1800	364TSC	06018EP3E364TSC	6,725	W1	963	67.0	93.6	31.583	208-230/460V	
	1800	364TC	06018EP3E364TC	6,725	W1	963	67.0	93.6	33.709	208-230/460V	
75	1800	365TSC	07518EP3E365TSC	7,951	W1	1010	82.4	94.1	31.583	208-230/460V	
	1800	365TC	07518EP3E365TC	7,951	W1	1010	82.4	94.1	33.709	208-230/460V	
	1800	365TC	07518EP3G365TC	7,951	W1	1010	82.4	94.1	33.709	460V	
100	1800	405TSC	10018EP3E405TSC	10,037	W1	1273	115	94.5	35.077	208-230/460V	
	1800	405TSC	10018EP3G405TSC	10,037	W1	1273	115	94.5	35.077	460V	
	1800	405TC	10018EP3E405TC	10,037	W1	1273	115	94.5	38.077	208-230/460V	
	1800	405TC	10018EP3G405TC	10,037	W1	1273	115	94.5	38.077	460V	
125	1800	444TC	12518EP3G444TC	14,148	W1	1647	138	94.5	43.776	460V	◆
150	1800	445TC	15018EP3G445TC	15,727	W1	1841	168	95.0	43.776	460V	◆
200	1800	447TC	20018EP3G447TC	19,716	W1	2194	230	95.0	47.299	460V	◆
	1800	504C	20018EP3G504C	19,939	W1	2194	230	95.0	49.449	460V	◆
250	1800	447TC	25018EP3G447TC	24,645	W1	2513	238	95.4	47.299	460V	◆
	1800	505C	25018EP3G505C	24,866	W1	2513	238	95.4	49.449	460V	◆
300	1800	586/7C	30018EP3G586/7C	35,597	W1	3837	329	95.4	59.421	460V	◆
350	1800	586/7C	35018EP3G586/7C	42,317	W1	4300	398	95.4	59.421	460V	◆
400	1800	586/7C	40018EP3G586/7C	46,073	W1	4686	459	95.4	59.421	460V	◆
450	1800	586/7C	45018EP3G586/7C	47,909	W1	5204	505	95.4	59.421	460V	◆
500	1800	586/7C	50018EP3G586/7C	50,374	W1	5424	564	95.8	59.421	460V	◆

• ELECTRICAL FEATURES ON PAGE B-5, B-6, & B-7. • MECHANICAL FEATURES ON PAGE B-53, B-55, & B-56.

- 1.0 Service Factor
- RS** NEMA T Rolled Steel
- Roller Bearing
- Product might not be available from stock



W21 HIGH EFFICIENCY – GENERAL PURPOSE MOTORS

TEFC – HIGH EFFICIENCY – THREE-PHASE

EPACT CC# CC029A



'C' FLANGE – FOOTLESS

HP	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	Approx. Shipp. Weight Lbs.	FL Amps 460V	FL Eff. %	"C" Dimension (in.)	Voltage	NOTES
1/3	3600	56C	.3336ES3EB56CFL	270	F1	33	0.61	73.0	11.496	208-230/460V	●
	1800	56C	.3318ES3EB56CFL	274	F1	33	0.58	72.0	11.496	208-230/460V	●
1/2	3600	56C	.5036ES3EB56CFL	282	F1	36	0.81	77.0	11.496	208-230/460V	●
	1800	56C	.5018ES3EB56CFL	311	F1	34	0.85	74.0	11.496	208-230/460V	●
	1200	56C	.5012ES3EB56CFL	440	F1	36	1.27	71.0	11.496	208-230/460V	●
3/4	3600	56C	.7536ES3EB56CFL	311	F1	40	1.09	79.0	11.496	208-230/460V	●
	1800	56C	.7518ES3EB56CFL	332	F1	40	1.11	77.0	11.496	208-230/460V	●
	1200	56C	.7512ES3EB56CFL	449	F1	40	1.60	75.2	11.496	208-230/460V	●
1	3600	56C	.00136ES3EB56CFL	361	F1	44	1.44	81.0	11.496	208-230/460V	●
	1800	56C	.00118ES3ED56CFL	345	F1	46	1.47	80.0	12.677	208-230/460V	●
	1800	143TC	.00118EP3ERSR143TC	403	RS	39	1.47	80.0	14.095	208-230/460V	RS
	1800	143TC	.00118EP3ER143TC	440	W1	47	1.49	82.5	12.250	208-230/460V	●
	1200	56C	.00112ES3EF56CFL	454	F1	46	1.92	76.7	12.677	208-230/460V	●
	1200	145TC	.00112EP3ERSR145TC	489	RS	45	1.70	80.0	14.095	208-230/460V	RS
	1200	145TC	.00112EP3ER145TC	534	W1	47	1.70	80.0	13.234	208-230/460V	●
	3600	56C	.00156ES3EB56CFL	392	F1	48	1.97	82.5	11.496	208-230/460V	●
1.5	3600	143TC	.00156EP3ERSR143TC	420	RS	40	1.99	82.5	14.095	208-230/460V	RS
	3600	143TC	.00156EP3ER143TC	458	W1	45	1.99	82.5	12.250	208-230/460V	●
	1800	56C	.00158ES3ED56CFL	384	F1	52	2.11	81.0	12.677	208-230/460V	●
	1800	145TC	.00158EP3ERSR145TC	408	RS	43	2.05	81.0	14.095	208-230/460V	RS
	1800	145TC	.00158EP3ER145TC	445	W1	54	2.05	84.0	13.234	208-230/460V	●
	1200	182TC	.00152EP3ERSR182TC	611	RS	74	2.37	85.5	16.404	208-230/460V	RS
	1200	182TC	.00152EP3ER182TC	666	W1	77	2.38	85.5	14.860	208-230/460V	●
2	3600	56C	.00236ES3ED56CFL	437	F1	58	2.67	84.0	12.677	208-230/460V	●
	3600	145TC	.00236EP3ERSR145TC	475	RS	44	2.60	84.0	14.095	208-230/460V	RS
	3600	145TC	.00236EP3ER145TC	518	W1	47	2.60	84.0	13.234	208-230/460V	●
	1800	56C	.00218ES3EF56CFL	414	F1	61	2.84	82.0	13.858	208-230/460V	●
	1800	145TC	.00218EP3ERSR145TC	451	RS	50	2.70	82.0	14.095	208-230/460V	RS
	1800	145TC	.00218EP3ER145TC	492	W1	56	2.70	84.0	13.234	208-230/460V	●
	1200	184TC	.00212EP3ERSR184TC	661	RS	91	3.20	86.5	16.404	208-230/460V	RS
	1200	184TC	.00212EP3ER184TC	721	W1	88	3.20	86.5	15.860	208-230/460V	●
3	3600	56C	.00336ES3EF56CFL	507	F1	67	3.80	84.5	13.858	208-230/460V	●
	3600	W182/4TC	.00336EP3ERSR182TC	575	RS	61	3.67	85.5	17.719	208-230/460V	RS
	3600	182TC	.00336EP3ER182TC	627	W1	106	3.59	85.5	14.860	208-230/460V	●
	1800	W182/4TC	.00318EP3ERSR182TC	518	RS	59	4.15	87.5	17.719	208-230/460V	RS
	1800	182TC	.00318EP3ER182TC	565	W1	97	3.90	87.5	14.860	208-230/460V	●
	1200	213TC	.00312EP3ERSR213TC	865	RS	104	4.26	87.5	20.257	208-230/460V	RS
	1200	213TC	.00312EP3ER213TC	943	W1	123	4.15	87.5	18.021	208-230/460V	●
	3600	W182/4TC	.00536EP3ERSR184TC	695	RS	64	6.10	87.5	17.719	208-230/460V	RS
5	3600	184TC	.00536EP3ER184TC	758	W1	114	5.90	87.5	15.860	208-230/460V	●
	1800	W182/4TC	.00518EP3ERSR184TC	607	RS	68	6.90	87.5	17.719	208-230/460V	RS
	1800	184TC	.00518EP3ER184TC	662	W1	102	6.48	87.5	15.860	208-230/460V	●
	1200	215TC	.00512EP3ERSR215TC	1,096	RS	145	7.08	87.5	20.257	208-230/460V	RS
	1200	215TC	.00512EP3ER215TC	1,195	W1	175	6.80	87.5	19.517	208-230/460V	●
	3600	213TC	.00736EP3ERSR213TC	948	RS	112	9.00	88.5	20.257	208-230/460V	RS
7.5	3600	213TC	.00736EP3ER213TC	1,034	W1	150	8.66	88.5	18.021	208-230/460V	●
	1800	213TC	.00718EP3ERSR213TC	804	RS	120	9.64	89.5	20.257	208-230/460V	RS
	1800	213TC	.00718EP3ER213TC	877	W1	150	9.53	89.5	18.021	208-230/460V	●
	3600	215TC	.01036EP3ERSR215TC	1,096	RS	136	11.8	89.5	20.257	208-230/460V	RS
10	3600	215TC	.01036EP3ER215TC	1,195	W1	150	11.7	89.5	19.517	208-230/460V	●
	1800	215TC	.01018EP3ERSR215TC	948	RS	134	12.8	89.5	20.257	208-230/460V	RS
	1800	215TC	.01018EP3ER215TC	1,034	W1	165	12.8	90.2	19.517	208-230/460V	●
	3600	W254TC	.01536EP3ERSR254TC	1,566	RS	162	17.0	90.2	21.500	208-230/460V	RS
15	3600	254TC	.01536EP3ER254TC	1,707	W1	280	17.0	90.2	23.213	208-230/460V	●
	1800	W254TC	.01518EP3ERSR254TC	1,434	RS	178	18.5	91.0	21.500	208-230/460V	RS
	1800	254TC	.01518EP3ER254TC	1,564	W1	266	17.9	91.0	23.213	208-230/460V	●
	3600	W256TC	.02036EP3ERSR256TC	1,884	RS	167	23.3	90.2	22.956	208-230/460V	RS
20	3600	256TC	.02036EP3ER256TC	2,054	W1	313	23.3	90.2	24.945	208-230/460V	●
	1800	W256TC	.02018EP3ERSR256TC	1,745	RS	182	24.4	91.0	24.925	208-230/460V	RS
	1800	256TC	.02018EP3ER256TC	1,903	W1	313	24.4	91.0	24.945	208-230/460V	●
	3600	284TSC	.02536EP3ER284TSC	2,466	W1	353	29.0	91.0	25.061	208-230/460V	●
25	1800	284TSC	.02518EP3ER284TSC	2,294	W1	437	29.6	92.4	25.061	208-230/460V	●
	1800	284TC	.02518EP3ER284TC	2,294	W1	437	29.6	92.4	26.433	208-230/460V	●
	3600	286TSC	.03036EP3ER286TSC	2,917	W1	404	33.8	91.0	26.557	208-230/460V	●
	1800	286TSC	.03018EP3ER286TSC	2,785	W1	481	34.4	92.4	26.557	208-230/460V	●
30	1800	286TC	.03018EP3ER286TC	2,785	W1	481	34.4	92.4	27.929	208-230/460V	●
	1800	324TSC	.04018EP3ER324TSC	3,786	W1	587	47.6	93.0	28.120	208-230/460V	●
	1800	324TC	.04018EP3ER324TC	3,786	W1	587	47.6	93.0	29.620	208-230/460V	●
40	1800	326TC	.05018EP3ER326TC	4,208	W1	640	57.8	93.6	31.116	208-230/460V	●

Note: Motors supplied with Drip Cover as a standard feature - Only T-Frames.

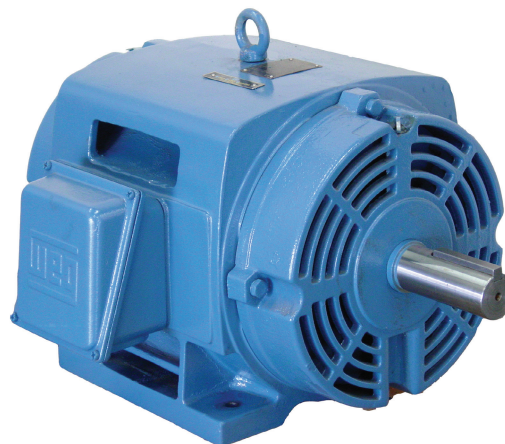
• ELECTRICAL FEATURES ON PAGE B-4, B-5, & B-6. • MECHANICAL FEATURES ON PAGE B-52, B-53, B-54, B-55, & B-56.

RS NEMA T Rolled Steel

- Product might not be available from stock

ODP – THREE PHASE FOOT MOUNT & FLANGE MOUNT

High Efficiency motors are designed to meet or exceed all EPAct requirements for energy efficiency as defined by the DOE. The efficiency values are certified according to the DOE's regulations (Certificate of Compliance number CC029A). These Open Drip Proof (ODP) motors are designed for environments where dirt and moisture are minimal and provide maximum ventilation and heat dissipation. Design B torque and high efficiency design from 143T through 444/5T frames.



Cast Iron Model

GENERAL
PURPOSE



APPLICATIONS

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

SPECIFIC FEATURES

For Frames 143/5T only

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

182/4T and 213/5T frames only

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

For Frames 254/6T and up

- Cast iron frames
- Cast iron endshields and terminal box
- Cooling system with finned rotor
- Regreasable bearings positive pressure lubrication system (frame 254T and up)
- Degree of protection: IP23
- Field converterable to F2

STANDARD FEATURES (Frame 143T and up)

- Efficiency Certification number CC029A according to US Department of Energy Regulations
- Three-phase, 2, 4, 6 and 8 pole, 60Hz
- Voltage: 208-230/460V, 200V, 460V or 575V
- 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
- Open Drip Proof (ODP)
- NEMA dimensions
- NEMA design 'B' ratings
- Service Factor : 1.15
- Class 'F' insulation for 143T & above
- Class 'B' insulation for 56 Frame
- Class 'H' impregnation resin
- Continuous Duty (S1)
- 104°F (40°C) ambient temperature
- Ball bearings are supplied as standard
- Variable torque speed range is 10:1
- 1045 Carbon Steel Shaft for frames up to 365T.
- 4140 steel shaft for motors 404T and above. (3600 RPM motors supplied with 1045)
- F1 mount (also available flanged motors)
- Paint: Enamel alkyd resin base RAL 5007 blue 2, 4 and 6 pole
- NPT threaded terminal box
- MGI Part 31 rating for use with VFD - 4:1 constant torque speed range.

OPTIONAL FEATURES

- Special voltages
- Specially designed shaft
- Thermistor, Thermostats or RTD's (PT100)
- Additional terminal box
- Cable glands
- 'C' flanges for all ratings
- D Flanges are available for frames 254T and higher
- Roller bearings on drive end available for all frames
- Special epoxy painting

* Please refer to page A-17 for standard features (frame 56).

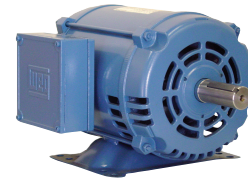
* Design B torque rating on nameplate can be re-plated for Design C. All motors are tested according to IEEE 112 std. - method 'B' or C390 CSA. Energy efficiency motors verified by UL in addition to the DOE.



GENERAL PURPOSE MOTORS

ODP – THREE-PHASE MOTORS

EPACT CC# CC029A



56 – 215T
Rolled Steel Frame

FOOT MOUNT

HP	RPM	NEMA Frame	Catalog Number	List Price	Multi. Sym.	Approx. Shipp. Weight Lbs.	FL Amps 460	FL Eff %	"C" Dimension (in.)	Voltage	NOTES
1/4	3600	56	.25360S3EA56	201	F1B	20	0.60	58.0	10.315	208-230/460V	
	1800	56	.25180S3EA56	204	F1B	21	0.57	62.0	10.315	208-230/460V	
	1200	56	.25120S3EA56	254	F1B	21	0.80	56.0	10.315	208-230/460V	
1/3	3600	56	.33360S3EA56	208	F1B	21	0.80	59.0	10.315	208-230/460V	
	1800	56	.33180S3EA56	221	F1B	22	0.70	65.0	10.315	208-230/460V	
	1200	56	.33120S3EA56	292	F1B	26	1.00	60.0	10.315	208-230/460V	
1/2	3600	56	.50360S3EA56	221	F1B	23	1.05	61.0	10.315	208-230/460V	
	1800	56	.50180S3EA56	253	F1B	24	1.00	67.0	10.315	208-230/460V	
	1200	56	.50120S3EB56	304	F1B	31	2.30	63.5	11.103	208-230/460V	
3/4	3600	56	.75360S3EB56	259	F1B	24	1.35	66.0	11.103	208-230/460V	
	1800	56	.75180S3EB56	282	F1B	26	1.40	69.0	11.103	208-230/460V	
	1200	56	.75120S3ED56	332	F1B	37	1.50	66.5	12.284	208-230/460V	
1	3600	56	001360S3EB56	300	F1B	26	1.65	69.0	11.103	208-230/460V	
	1800	56	001180S3EB56	299	F1B	29	1.75	71.0	11.103	208-230/460V	
	1800	143T	001180P3E143T	341	W1B	36	1.41	82.5	12.086	208-230/460V	
	1800	143T	001180P3E143TF3	341	W1B	36	1.41	82.5	12.086	208-230/460V	□
	1800	143T	001180P3H143T	341	W1B	36	1.13	82.5	12.086	575V	
	1200	56	001120S3EF56	394	F1B	42	1.80	70.1	13.465	208-230/460V	
	1200	145T	001120P3E145T	423	W1B	40	1.73	80.0	12.086	208-230/460V	
1.5	3600	56	001560S3ED56	320	F1B	31	2.37	71.2	12.284	208-230/460V	
	3600	143T	001560P3E143T	361	W1B	32	1.95	82.5	12.086	208-230/460V	
	3600	143T	001560P3H143T	361	W1B	32	1.56	82.5	12.086	575V	
	1800	56	001580S3ED56	305	F1B	34	2.50	75.0	12.284	208-230/460V	
	1800	145T	001580P3E145T	374	W1B	40	1.98	84.0	12.086	208-230/460V	
	1800	145T	001580P3E145TF3	374	W1B	40	1.98	84.0	12.086	208-230/460V	□
	1800	145T	001580P3H145T	374	W1B	40	1.58	84.0	12.086	575V	
	1200	182T	001520P3E182T	511	W1B	53	2.28	84.0	13.504	208-230/460V	
2	3600	56	002360S3ED56	365	F1B	34	2.85	75.0	12.284	208-230/460V	
	3600	145T	002360P3E145T	405	W1B	43	2.52	84.0	12.086	208-230/460V	
	3600	145T	002360P3H145T	405	W1B	43	2.02	84.0	12.086	575V	
	1800	56	002180S3EF56	324	F1B	36	3.10	75.0	13.465	208-230/460V	
	1800	145T	002180P3E145T	409	W1B	43	2.87	84.0	12.086	208-230/460V	
	1800	145T	002180P3E145TF3	409	W1B	43	2.87	84.0	12.086	208-230/460V	□
	1800	145T	002180P3H145T	409	W1B	43	2.30	84.0	12.086	575V	
	1200	184T	002120P3E184T	519	W1B	69	2.98	85.5	14.291	208-230/460V	
3	3600	56	003360S3EF56	405	F1B	39	4.05	77.0	13.465	208-230/460V	
	3600	145T	003360P3E145T	450	W1B	49	3.65	84.0	12.086	208-230/460V	
	3600	145T	003360P3H145T	450	W1B	49	2.92	84.0	12.086	575V	
	1800	182T	003180P3E182T	416	W1B	56	3.94	86.5	13.504	208-230/460V	
	1800	182T	003180P3E182TF3	416	W1B	56	3.94	86.5	13.504	208-230/460V	□
	1800	182T	003180P3H182T	416	W1B	56	3.15	86.5	13.504	575V	
	1200	213T	003120P3E213T	674	W1B	79	4.56	86.5	17.165	208-230/460V	

• ELECTRICAL FEATURES ON PAGE B-4, B-9.

• MECHANICAL FEATURES ON PAGE B-51, B-58.

□ = F3 MOUNT

GENERAL PURPOSE MOTORS

ODP THREE-PHASE MOTORS

EPACT CC# CC029A



254T-445T
Cast Iron Frame

FOOT MOUNT

GENERAL
PURPOSE

HP	RPM	NEMA Frame	Catalog Number	List Price	Multi. Sym.	Approx. Shipp. Weight Lbs.	FL Amps 460	FL Eff %	"C" Dimension (in.)	Voltage	NOTES
5	3600	182T	005360P3E182T	540	W1B	57	6.17	85.5	13.504	208-230/460V	
	3600	182T	005360P3H182T	540	W1B	57	4.94	85.5	13.504	575V	
	1800	184T	005180P3E184T	521	W1B	69	6.39	87.5	14.291	208-230/460V	
	1800	184T	005180P3E184TF3	521	W1B	69	6.39	87.5	14.291	208-230/460V	□
	1800	184T	005180P3H184T	521	W1B	69	5.11	87.5	14.291	575V	
	1200	215T	005120P3E215T	919	W1B	109	7.27	87.5	17.165	208-230/460V	
7.5	3600	184T	007360P3E184T	696	W1B	69	8.97	87.5	13.511	208-230/460V	
	3600	184T	007360P3H184T	696	W1B	69	7.18	87.5	13.511	575V	
	1800	213T	007180P3E213T	736	W1B	85	9.40	88.5	17.165	208-230/460V	
	1800	213T	007180P3E213TF3	736	W1B	85	9.40	88.5	17.165	208-230/460V	□
	1800	213T	007180P3H213T	736	W1B	85	7.52	88.5	17.165	575V	
	1200	254T	007120P3E254T	1,276	W1B	258	9.63	88.5	20.669	208-230/460V	
10	3600	213T	010360P3E213T	901	W1B	108	11.8	88.5	17.165	208-230/460V	
	3600	213T	010360P3H213T	901	W1B	108	9.4	88.5	17.165	575V	
	1800	215T	010180P3E215T	899	W1B	109	12.7	89.5	17.165	208-230/460V	
	1800	215T	010180P3E215TF3	899	W1B	109	12.7	89.5	17.165	208-230/460V	□
	1800	215T	010180P3H215T	899	W1B	109	10.2	89.5	17.165	575V	
	1200	256T	010120P3E256T	1,493	W1B	277	12.9	90.2	22.401	208-230/460V	
15	3600	215T	015360P3E215T	1,232	W1B	139	17.1	89.5	17.165	208-230/460V	
	1800	254T	015180P3E254T	1,231	W1B	247	18.7	91.0	20.669	208-230/460V	
	1800	254T	015180P3E254TF3	1,231	W1B	247	18.7	91.0	20.669	208-230/460V	□
	1200	284T	015120P3E284T	2,097	W1B	393	17.6	90.2	23.386	208-230/460V	
20	3600	254T	020360P3E254T	1,469	W1B	205	24.6	90.2	20.669	208-230/460V	
	1800	256T	020180P3E256T	1,526	W1B	277	25.2	91.0	22.401	208-230/460V	
	1800	256T	020180P3E256TF3	1,526	W1B	277	25.2	91.0	22.401	208-230/460V	□
	1200	286T	020120P3E286T	2,571	W1B	428	24.1	91.0	24.882	208-230/460V	
25	3600	256T	025360P3E256T	1,783	W1B	251	29.3	91.0	22.401	208-230/460V	
	1800	284TS	025180P3V284TS	1,799	W1B	311	34.6	91.7	23.386	200/400V	
	1800	284TS	025180P3E284TS	1,799	W1B	311	30.1	91.7	22.000	208-230/460V	
	1800	284T	025180P3E284T	1,799	W1B	311	30.1	91.7	23.386	208-230/460V	
	1800	284T	025180P3E284TF3	1,799	W1B	311	30.1	91.7	23.386	208-230/460V	□
	1200	324T	025120P3E324T	2,982	W1B	495	30.9	91.7	26.181	208-230/460V	
30	3600	284TS	030360P3V284TS	2,033	W1B	373	39.1	92.4	22.000	200/400V	
	3600	284TS	030360P3E284TS	2,033	W1B	373	34.0	92.4	22.000	208-230/460V	
	1800	286TS	030180P3V286TS	2,108	W1B	397	40.9	92.4	24.882	200/400V	
	1800	286TS	030180P3E286TS	2,108	W1B	397	35.6	92.4	23.504	208-230/460V	
	1800	286T	030180P3E286T	2,108	W1B	397	35.6	92.4	24.882	208-230/460V	
	1800	286T	030180P3E286TF3	2,108	W1B	397	35.6	92.4	24.882	208-230/460V	□
	1200	326T	030120P3E326T	3,297	W1B	605	36.9	92.4	27.667	208-230/460V	
40	3600	286TS	040360P3V286TS	2,757	W1B	457	51.5	92.4	23.504	200/400V	
	3600	286TS	040360P3E286TS	2,757	W1B	457	44.8	92.4	23.504	208-230/460V	
	1800	324TS	040180P3V324TS	2,652	W1B	495	55.4	93.0	26.181	200/400V	
	1800	324TS	040180P3E324TS	2,652	W1B	495	48.2	93.0	24.685	208-230/460V	
	1800	324T	040180P3E324T	2,652	W1B	495	48.2	93.0	26.181	208-230/460V	
	1200	364T	040120P3E364T	4,698	W1B	838	48.2	93.0	29.764	208-230/460V	

- ELECTRICAL FEATURES ON PAGE B-8, B-9.
- MECHANICAL FEATURES ON PAGE B-58, B-59.
- = F3 MOUNT



GENERAL PURPOSE MOTORS

ODP THREE-PHASE MOTORS

EPACT CC# CC029A



254T-445T
Cast Iron Frame

FOOT MOUNT

HP	RPM	NEMA Frame	Catalog Number	List Price	Multi. Sym.	Approx. Shipp. Weight Lbs.	FL Amps 460	FL Eff %	"C" Dimension (in.)	Voltage	NOTES
50	3600	324TS	050360P3V324TS	3,184	W1B	523	64.9	93.6	24.685	200/400V	
	3600	324TS	050360P3E324TS	3,184	W1B	523	56.4	93.6	24.685	208-230/460V	
	1800	326TS	050180P3V326TS	3,015	W1B	583	69.2	93.0	27.667	200/400V	
	1800	326TS	050180P3E326TS	3,015	W1B	583	60.2	93.0	26.181	208-230/460V	
	1800	326TS	050180P3G326TS	3,015	W1B	583	60.2	93.0	26.181	460V	
	1800	326T	050180P3E326T	3,015	W1B	583	60.2	93.0	27.667	208-230/460V	
	1800	326T	050180P3G326T	3,015	W1B	583	60.2	93.0	27.667	460V	
	1200	365T	050120P3E365T	5,417	W1B	935	59.4	93.0	29.764	208-230/460V	
60	3600	326TS	060360P3V326TS	4,008	W1B	609	81.2	93.0	26.181	200/400V	
	3600	326TS	060360P3E326TS	4,008	W1B	609	70.6	93.0	26.181	208-230/460V	
	1800	364TS	060180P3V364TS	3,703	W1B	743	80.7	93.6	27.638	200/400V	
	1800	364TS	060180P3E364TS	3,703	W1B	743	70.2	93.6	27.638	208-230/460V	
	1800	364TS	060180P3G364TS	3,703	W1B	743	70.2	93.6	27.638	460V	
	1800	364T	060180P3E364T	3,703	W1B	743	70.2	93.6	29.764	208-230/460V	
	1800	364T	060180P3G364T	3,703	W1B	743	70.2	93.6	29.764	460V	
	1200	404T	060120P3E404T	6,463	W1B	1037	71.0	93.6	34.133	208-230/460V	
75	3600	364TS	075360P3V364TS	5,074	W1B	805	92.7	94.1	27.638	200/400V	
	3600	364TS	075360P3E364TS	5,074	W1B	805	80.6	94.1	27.638	208-230/460V	
	3600	364TS	075360P3G364TS	5,074	W1B	805	80.6	94.1	27.638	460V	
	1800	365TS	075180P3V365TS	4,715	W1B	935	98.1	94.1	27.638	200/400V	
	1800	365TS	075180P3E365TS	4,715	W1B	935	85.3	94.1	27.638	208-230/460V	
	1800	365TS	075180P3G365TS	4,715	W1B	935	85.3	94.1	27.638	460V	
	1800	365T	075180P3E365T	4,715	W1B	935	85.3	94.1	29.764	208-230/460V	
	1800	365T	075180P3G365T	4,715	W1B	935	85.3	94.1	29.764	460V	
100	1200	405T	075120P3E405T	7,224	W1B	1207	87.8	93.6	34.133	208-230/460V	
	3600	365TS	100360P3V365TS	6,152	W1B	935	127	94.1	27.638	200/400V	
	3600	365TS	100360P3E365TS	6,152	W1B	935	110	94.1	27.638	208-230/460V	
	3600	365TS	100360P3G365TS	6,152	W1B	935	110	94.1	27.638	460V	
	1800	404TS	100180P3V404TS	6,065	W1B	1037	132	94.1	31.141	200/400V	
	1800	404TS	100180P3E404TS	6,065	W1B	1037	115	94.1	31.141	208-230/460V	
	1800	404TS	100180P3G404TS	6,065	W1B	1037	115	94.1	31.141	460V	
	1800	404T	100180P3E404T	6,065	W1B	1037	115	94.1	34.133	208-230/460V	
	1800	404T	100180P3G404T	6,065	W1B	1037	115	94.1	34.133	460V	
	1200	444T	100120P3E444T	10,305	W1B	1662	125	94.1	39.803	208-230/460V	
125	1200	444T	100120P3G444T	10,305	W1B	1662	125	94.1	39.803	460V	
	3600	404TS	125360P3G404TS	7,762	W1B	1086	132	94.1	31.141	460V	
	1800	405TS	125180P3G405TS	6,651	W1B	1207	137	94.5	31.141	460V	
	1800	405T	125180P3G405T	6,651	W1B	1207	137	94.5	34.133	460V	
	1200	445T	125120P3G445T	10,836	W1B	1916	150	94.1	39.803	460V	
	3600	405TS	150360P3G405TS	10,042	W1B	1401	159	94.5	31.141	460V	
	1800	444TS	150180P3G444TS	8,891	W1B	1411	165	95.0	36.062	460V	
	1800	444T	150180P3G444T	8,891	W1B	1411	165	95.0	39.803	460V	
	1200	445T	150120P3G445T	11,538	W1B	2183	183	94.5	39.803	460V	
	3600	444TS	200360P3G444TS	12,782	W1B	1713	217	94.5	36.062	460V	
200	1800	445TS	200180P3G445TS	10,837	W1B	1916	220	95.0	36.062	460V	
	1800	445T	200180P3G445T	10,837	W1B	1916	220	95.0	39.803	460V	

- ELECTRICAL FEATURES ON PAGE B-8.
- MECHANICAL FEATURES ON PAGE B-59.

GENERAL PURPOSE MOTORS

ODP THREE-PHASE MOTORS

EPACT CC# CC029A



GENERAL
PURPOSE

FOOT MOUNT

HP	RPM	NEMA Frame	Catalog Number	List Price	Multi. Sym.	Approx. Shipp. Weight Lbs.	FL Amps 460	FL Eff %	"C" Dimension (in.)	Voltage	NOTES
250	3600	445TS	250360P3G445TS	15,654	W1B	1982	266	95.0	36.062	460V	
	1800	445TS	250180P3G445TS	13,358	W1B	2183	270	95.4	36.062	460V	
	1800	445T	250180P3G445T	13,358	W1B	2183	270	95.4	39.803	460V	
300	3600	445TS	300360P3G445TS	19,556	W1B	2183	316	95.0	36.062	460V	
	1800	447/9T	300360P3G447/9T	19,168	W1B	2145	325	95.4	48.317	460V	
	1200	447/9T	300120P3G447/9T	26,188	W1B	2796	357	95.4	48.317	460V	
350	3600	447/9TS	350360P3G447/9TS	22,346	W1B	1969	377	95.0	44.567	460V	
	1800	447/9T	350180P3G447/9T	22,807	W1B	2465	384	95.4	48.317	460V	
400	3600	447/9TS	400360P3G447/9TS	24,140	W1B	2046	434	95.4	44.567	460V	
	1800	447/9T	400180P3G447/9T	25,570	W1B	2686	443	95.4	48.317	460V	
450	3600	447/9TS	450360P3G447/9TS	26,055	W1B	2223	470	95.8	44.567	460V	
500	3600	447/9TS	500360P3G447/9TS	27,711	W1B	2289	539	95.8	44.567	460V	
550	3600	447/9TS	550360P3G447/9TS	28,331	W1B	2355	576	95.8	44.567	460V	
600	3600	447/9TS	600360P3G447/9TS	28,951	W1B	2421	633	95.8	44.567	460V	

• ELECTRICAL FEATURES ON PAGE B-8.

• MECHANICAL FEATURES ON PAGE B-59.

◆ = Product may not be available from stock

FOOT MOUNT - 'C' FLANGE

HP	RPM	NEMA Frame	Catalog Number	List Price	Multi. Sym.	Approx. Shipp. Weight Lbs	Service Factor	FL Amps 460V	"C" Dimension	Voltage	NOTES
60	1800	364TC	060180P3E364TC	4,095	W1B	743	70.2	93.6	29.764	208-230/460V	◆
75	3600	364TSC	075360P3E364TSC	5,467	W1B	805	80.6	94.1	27.638	208-230/460V	◆
	1800	365TC	075180P3E365TC	5,109	W1B	935	85.3	94.1	29.764	208-230/460V	◆
100	1800	404TC	100180P3E404TC	6,510	W1B	1037	115	94.1	34.133	208-230/460V	◆
	1800	404TC	100180P3G404TC	6,510	W1B	1037	115	94.1	34.133	460V	◆
125	1800	405TC	125180P3G405TC	7,141	W1B	1207	137	94.5	34.133	460V	◆
150	1800	444TC	150180P3G444TC	9,450	W1B	1411	165	95.0	39.803	460V	◆
200	1800	445TC	200180P3G445TC	11,397	W1B	1916	220	95.0	39.803	460V	◆
250	1800	445TC	250180P3G445TC	13,917	W1B	2183	270	95.4	39.803	460V	◆

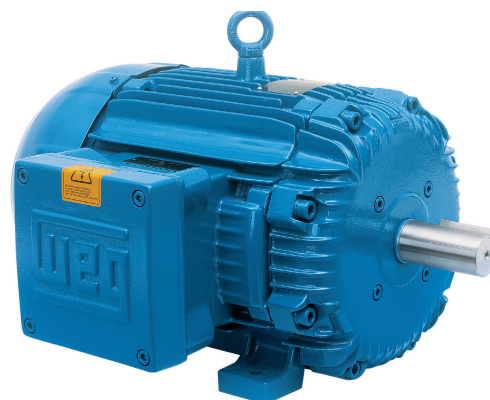
• ELECTRICAL FEATURES ON PAGE B-8.

• MECHANICAL FEATURES ON PAGE B-60.

◆ = Product may not be available from stock

THREE PHASE FOOT MOUNT & FLANGE MOUNT

WEG Explosion Proof motors are suitable for applications requiring UL or CSA certification for hazardous locations. Thermally protected with thermostats, all motors manufactured are submitted to hydrostatic as well as other routine testing at the factory to ensure compliance to the required specifications. WEG High Efficiency Explosion Proof motors are specifically designed to meet or exceed all EPAct requirements for energy efficiency.



APPLICATIONS

- Petroleum and gasoline
- Flour / feed mills
- Grain elevators
- Fans
- Pumps
- Blowers
- Material handling equipment
- Other applications requiring motors UL or CSA listed for hazardous locations.

OPTIONAL FEATURES

- Special Voltages and frequency
- Stainless steel shaft
- C (not available 586/7T) and D flanges
- F2 mount
- Maximum ambient temperature to 55°C

STANDARD FEATURES

- Efficiency Certification number CC029A according to US Department of Energy Regulations
- Three-phase, 60Hz
- Voltage: 208-230/460, 460 or 575V
- Squirrel cage rotor / Aluminum die cast
- Totally Enclosed Fan Cooled – TEFC (IP55)
- Ball bearings are supplied as standard
- Cast iron frame
- Class 'F' insulation
- Temperature rise: Class 'B' (80°C)
- Service factor: 1.15
- Inverter Duty as per CSA Standard (LR50962)
- NEMA dimensions
- NEMA ratings design 'B'
- Continuous Duty (S1)
- 104°F (40°C) ambient temperature
- Altitude: 3300 ft (1000 m) max
- 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
- Stainless steel nameplate
- Paint: Synthetic Enamel alkyd resin base (exceeds ASTM B117 salt spray test)
- Color: RAL 5007 – Blue (2, 4, 6 and 8 pole)
- NPT threaded terminal box
- Non-sparking fan
- Thermostats
- Greasing fitting from 3647T up to 586/7

HIGHLIGHTS

- Meets or exceeds EPACT requirements
- UL/CSA certified

CSA AND UL APPROVED



CSA approved – File LR 50962
Class I, Division I, groups C and D
Class 2, Division I, groups F and G



ALSO ENERGY
VERIFIED
CSA C390-93(+)

UL approved – File E 87848
Temperature code T4
Frame 143T up to 326T
Class I, Division I, groups C and D
Class 2, Division I, groups F and G

Frame 364T up to 586/7
Temperature code T3C
Class I, Division I, groups C and D
Class 2, Division I, groups F and G *

* For group G, Service Factor 1.0

Note: Motors are tested according to IEEE 112 std. – method 'B' or C390 CSA
• Design B torque rating on nameplate can be re-plated for design C for 15-200Hp 1800 and 1200 rpm
Energy efficiency motors verified by UL in addition to the DOE.



EXPLOSION PROOF MOTORS

TEFC – HIGH EFFICIENCY

EPACT CC# CC029A



FOOT MOUNT

HP	RPM	NEMA Frame	Catalog Number	List Price	Multi. Sym.	Approx. Shipp. Weight Lbs.	FL Amps 460	FL Eff %	"C" Dimension (in.)	Voltage	NOTES
1	1800	143T	00118XP3E143T	703	X1	71	1.49	82.5	12.760	208-230/460V	
	1800	143T	00118XP3H143T	703	X1	71	1.49	82.5	12.760	575V	
	1200	145T	00112XP3E145T	760	X1	67	1.70	80.0	13.752	208-230/460V	
	1200	145T	00112XP3H145T	760	X1	67	1.36	80.0	13.752	575V	◆
	900	182T	00109XP3E182T	1,512	X1	132	2.24	72.5	14.862	208-230/460V	
1.5	3600	143T	00156XP3E143T	727	X1	69	1.99	82.5	12.760	208-230/460V	
	3600	143T	00156XP3H143T	727	X1	69	1.6	82.5	12.760	575V	◆
	1800	145T	00158XP3E145T	729	X1	78	2.05	84.0	13.752	208-230/460V	
	1800	145T	00158XP3H145T	729	X1	78	1.64	84.0	13.752	575V	
	1200	182T	00152XP3E182T	920	X1	128	2.38	85.5	14.862	208-230/460V	
	1200	182T	00152XP3H182T	920	X1	128	1.90	85.5	14.862	575V	◆
	900	184T	00159XP3E184T	1,548	X1	137	2.81	74.5	15.862	208-230/460V	
2	3600	145T	00236XP3E145T	741	X1	71	2.60	84.0	13.752	208-230/460V	
	3600	145T	00236XP3H145T	741	X1	71	2.08	84.0	13.752	575V	◆
	1800	145T	00218XP3E145T	756	X1	80	2.70	84.0	13.752	208-230/460V	
	1800	145T	00218XP3H145T	756	X1	80	2.16	84.0	13.752	575V	
	1200	184T	00212XP3E184T	966	X1	132	3.20	86.5	15.862	208-230/460V	
	1200	184T	00212XP3H184T	966	X1	132	2.56	86.5	15.862	575V	◆
	900	213T	00209XP3E213T	1,953	X1	174	3.40	78.0	17.952	208-230/460V	
3	3600	182T	00336XP3E182T	920	X1	135	3.59	85.5	14.862	208-230/460V	
	3600	182T	00336XP3H182T	920	X1	135	2.87	85.5	14.862	575V	◆
	1800	182T	00318XP3E182T	960	X1	132	3.90	87.5	14.862	208-230/460V	
	1800	182T	00318XP3H182T	960	X1	132	3.12	87.5	14.862	575V	
	1200	213T	00312XP3E213T	1,414	X1	167	4.15	87.5	17.952	208-230/460V	
	1200	213T	00312XP3H213T	1,414	X1	167	3.32	87.5	17.952	575V	◆
	900	215T	00309XP3E215T	2,134	X1	198	4.67	80.0	19.450	208-230/460V	
5	3600	184T	00536XP3E184T	1,035	X1	126	5.90	87.5	15.862	208-230/460V	
	3600	184T	00536XP3H184T	1,035	X1	126	4.72	87.5	15.862	575V	◆
	1800	184T	00518XP3E184T	986	X1	137	6.48	87.5	15.862	208-230/460V	
	1800	184T	00518XP3H184T	986	X1	137	5.18	87.5	15.862	575V	
	1200	215T	00512XP3E215T	1,439	X1	175	6.80	87.5	19.450	208-230/460V	
	1200	215T	00512XP3H215T	1,439	X1	175	5.44	87.5	19.450	575V	◆
	900	254T	00509XP3E254T	3,237	X1	324	7.85	84.5	23.175	208-230/460V	
7.5	3600	213T	00736XP3E213T	1,397	X1	200	8.66	88.5	17.952	208-230/460V	
	3600	213T	00736XP3H213T	1,397	X1	200	6.93	88.5	17.952	575V	◆
	1800	213T	00718XP3E213T	1,439	X1	196	9.53	89.5	17.952	208-230/460V	
	1800	213T	00718XP3H213T	1,439	X1	196	7.62	89.5	17.952	575V	
	1200	254T	00712XP3E254T	1,983	X1	313	9.53	89.5	23.175	208-230/460V	
	1200	254T	00712XP3H254T	1,983	X1	313	7.62	89.5	23.175	575V	◆
	900	256T	00709XP3E256T	3,675	X1	348	11.3	86.0	24.923	208-230/460V	

• ELECTRICAL FEATURES ON PAGE B-9.

• MECHANICAL FEATURES ON PAGE B-62.

◆ = Product may not be available from stock



FOOT MOUNT

GENERAL
PURPOSE

HP	RPM	NEMA Frame	Catalog Number	List Price	Multi. Sym.	Approx. Shipp. Weight Lbs.	FL Amps 460	FL Eff %	"C" Dimension (in.)	Voltage	NOTES
10	3600	215T	01036XP3E215T	1,466	X1	196	11.7	89.5	19.450	208-230/460V	
	3600	215T	01036XP3H215T	1,466	X1	196	9.4	89.5	19.450	575V	◆
	1800	215T	01018XP3E215T	1,542	X1	211	12.8	90.2	19.450	208-230/460V	
	1800	215T	01018XP3H215T	1,542	X1	211	10.2	90.2	19.450	575V	
	1200	256T	01012XP3E256T	2,296	X1	329	13.4	89.5	24.923	208-230/460V	
	1200	256T	01012XP3H256T	2,296	X1	329	10.7	89.5	24.923	575V	
	900	284T	01009XP3E284T	4,631	X1	470	13.2	87.4	26.407	208-230/460V	
15	3600	254T	01536XP3E254T	1,922	X1	310	21.3	90.2	23.175	208-230/460V	◆
	3600	254T	01536XP3H254T	1,922	X1	310	17.0	90.2	23.175	575V	◆
	1800	254T	01518XP3E254T	2,008	X1	319	17.9	91.0	23.175	208-230/460V	
	1800	254T	01518XP3H254T	2,008	X1	319	14.3	91.0	23.175	575V	
	1200	284T	01512XP3E284T	3,230	X1	346	17.3	91.0	26.407	208-230/460V	
	1200	284T	01512XP3H284T	3,230	X1	346	13.8	91.0	26.407	575V	◆
	900	286T	01509XP3E286T	5,677	X1	481	18.8	88.5	27.905	208-230/460V	
20	3600	256T	02036XP3E256T	2,514	X1	366	23.3	90.2	24.923	208-230/460V	◆
	3600	256T	02036XP3H256T	2,514	X1	366	18.6	90.2	24.923	575V	◆
	1800	256T	02018XP3E256T	2,453	X1	352	24.4	91.0	24.923	208-230/460V	
	1800	256T	02018XP3H256T	2,453	X1	352	19.5	91.0	24.923	575V	
	1200	286T	02012XP3E286T	3,703	X1	470	23.5	91.0	27.905	208-230/460V	
	1200	286T	02012XP3H286T	3,703	X1	470	18.8	91.0	27.905	575V	◆
	900	324T	02009XP3E324T	6,984	X1	574	29.6	88.5	29.602	208-230/460V	
25	3600	284TS	02536XP3E284TS	3,308	X1	419	29.0	91.0	25.033	208-230/460V	◆
	3600	284TS	02536XP3H284TS	3,308	X1	419	23.2	91.0	25.033	575V	◆
	1800	284T	02518XP3E284T	3,110	X1	503	29.6	92.4	26.407	208-230/460V	
	1800	284T	02518XP3H284T	3,110	X1	503	23.7	92.4	26.407	575V	◆
	1200	324T	02512XP3E324T	4,456	X1	572	29.8	91.7	29.602	208-230/460V	
	1200	324T	02512XP3H324T	4,456	X1	572	23.8	91.7	29.602	575V	◆
	900	326T	02509XP3E326T	8,513	X1	640	35.3	89.0	31.106	208-230/460V	
30	3600	286TS	03036XP3E286TS	3,374	X1	472	33.8	91.0	26.531	208-230/460V	◆
	1800	286T	03018XP3E286T	3,545	X1	547	34.4	92.4	27.905	208-230/460V	
	1800	286T	03018XP3H286T	3,545	X1	547	27.5	92.4	27.905	575V	
	1200	326T	03012XP3E326T	5,163	X1	625	35.4	91.7	31.106	208-230/460V	
	900	364T	03009XP3E364T	11,677	X1	1025	36.9	90.2	33.701	208-230/460V	◆
40	3600	324TS	04036XP3E324TS	4,652	X1	618	46.1	91.7	28.102	208-230/460V	◆
	3600	324TS	04036XP3H324TS	4,652	X1	618	36.9	91.7	28.102	575V	◆
	1800	324T	04018XP3E324T	4,461	X1	623	47.6	93.0	29.602	208-230/460V	
	1800	324T	04018XP3H324T	4,461	X1	623	38.1	93.0	29.602	575V	
	1200	364T	04012XP3E364T	8,617	X1	992	47.1	93.0	33.701	208-230/460V	
	1200	364T	04012XP3H364T	8,617	X1	992	37.7	93.0	33.701	575V	◆
	900	365T	04009XP3E365T	12,326	X1	1085	49.1	90.2	33.701	208-230/460V	◆
50	3600	326TS	05036XP3E326TS	5,195	X1	656	56.5	92.4	29.606	208-230/460V	◆
	3600	326TS	05036XP3H326TS	5,195	X1	656	45.2	92.4	29.606	575V	◆
	1800	326T	05018XP3E326T	5,245	X1	720	57.8	93.6	31.106	208-230/460V	
	1800	326T	05018XP3H326T	5,245	X1	720	46.2	93.6	31.106	575V	
	1200	365T	05012XP3E365T	8,921	X1	992	58.1	93.0	33.701	208-230/460V	
	1200	365T	05012XP3H365T	8,921	X1	992	46.5	93.0	33.701	575V	
	900	404T	05009XP3E404T	14,420	X1	1308	61.5	91.0	38.074	208-230/460V	◆

For 'C' flange models : Add a 'C' to the end of the part number. EX. 00518XP3E184TC

- ELECTRICAL FEATURES ON PAGE B-9.
- MECHANICAL FEATURES ON PAGE B-62.

◆ = Product may not be available from stock

EXPLOSION PROOF MOTORS

TEFC – HIGH EFFICIENCY

EPACT CC# CC029A



GENERAL
PURPOSE

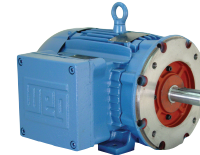
FOOT MOUNT

HP	RPM	NEMA Frame	Catalog Number	List Price	Multi. Sym.	Approx. Shipp. Weight Lbs.	FL Amps 460	FL Eff %	"C" Dimension (in.)	Voltage	NOTES
60	3600	364TS	06036XP3E364TS	8,373	X1	1014	69.0	93.0	31.575	208-230/460V	◆
	1800	364T	06018XP3E364T	8,770	X1	1060	67.0	93.6	33.701	208-230/460V	
	1200	404T	06012XP3E404T	11,089	X1	1222	70.1	93.6	38.074	208-230/460V	
	900	405T	06009XP3E405T	16,985	X1	1368	75.5	91.0	38.074	208-230/460V	◆
75	3600	365TS	07536XP3E365TS	9,472	X1	1156	82.5	93.0	31.575	208-230/460V	◆
	1800	365T	07518XP3E365T	9,333	X1	1347	82.4	94.1	33.701	208-230/460V	
	1200	405T	07512XP3E405T	11,530	X1	1291	86.8	93.6	38.074	208-230/460V	
	900	444T	07509XP3E444T	21,094	X1	1863	92.5	92.0	43.797	208-230/460V	◆
100	3600	405TS	10036XP3E405TS	10,291	X1	1456	113	93.6	35.074	208-230/460V	◆
	3600	405TS	10036XP3G405TS	10,291	X1	1456	113	93.6	35.074	460V	◆
	1800	405T	10018XP3E405T	11,603	X1	1390	115	94.5	38.074	208-230/460V	
	1800	405T	10018XP3G405T	11,603	X1	1390	115	94.5	38.074	460V	
	1200	444T	10012XP3E444T	17,528	X1	1720	121	94.1	43.797	208-230/460V	
	1200	444T	10012XP3G444T	17,528	X1	1720	121	94.1	43.797	460V	
	900	445T	10009XP3E445T	25,321	X1	2028	133	92.0	43.797	208-230/460V	◆
	900	445T	10009XP3G445T	25,321	X1	2028	133	92.0	43.797	460V	◆
125	3600	444TS	12536XP3G444TS	17,394	X1	1951	131	94.5	40.047	460V	◆
	1800	444T	12518XP3E444T	16,827	X1	1797	138	94.5	43.797	208-230/460V	
	1800	444T	12518XP3G444T	16,827	X1	1797	138	94.5	43.797	460V	
	1200	445T	12512XP3G445T	18,165	X1	2050	141	94.1	43.797	460V	
	900	504	12509XP3G504	28,717	X1	2443	155	92.5	49.445	460V	◆
150	3600	445TS	15036XP3G445TS	17,956	X1	1991	160	94.5	40.047	460V	◆
	1800	445T	15018XP3E445T	18,182	X1	2006	168	95.0	43.797	208-230/460V	
	1800	445T	15018XP3G445T	18,182	X1	2006	168	95.0	43.797	460V	
	1200	504	15012XP3G504	25,276	X1	2167	171	95.0	49.445	460V	◆
	900	505	15009XP3G505	31,289	X1	2694	189	92.5	49.445	460V	◆
200	3600	504S	20036XP3G504S	24,538	X1	2227	223	95.0	47.193	460V	◆
	1800	504	20018XP3G504	22,948	X1	2385	230	95.0	49.445	460V	◆
	1200	505	20012XP3G505	26,250	X1	2467	236	95.0	49.445	460V	◆
	900	586/7	20009XP3G586/7	47,701	X1	4035	256	94.5	61.389	460V	◆
250	3600	505S	25036XP3G505S	25,936	X1	2573	268	95.4	47.193	460V	◆
	1800	505	25018XP3G505	27,388	X1	2740	283	95.4	49.445	460V	◆
	1200	586/7	25012XP3G586/7	46,557	X1	4002	305	95.0	61.389	460V	◆
	900	586/7	25009XP3G586/7	50,701	X1	4344	313	93.9	61.389	460V	◆
300	3600	586/7S	30036XP3G586/7S	46,692	X1	3638	325	95.4	54.514	460V	◆
	1800	586/7	30018XP3G586/7	40,772	X1	4322	329	95.4	61.389	460V	◆
	1200	586/7	30012XP3G586/7	50,565	X1	4487	355	95.0	61.389	460V	◆
350	3600	586/7S	35036XP3G586/7S	54,890	X1	3859	384	95.4	54.514	460V	◆
	1800	586/7	35018XP3G586/7	44,351	X1	4344	398	95.4	61.389	460V	◆
400	1800	586/7	40018XP3G586/7	50,913	X1	4719	459	95.4	61.389	460V	◆
450	1800	586/7	45018XP3G586/7	54,334	X1	5248	505	95.4	61.389	460V	◆
500	1800	586/7	50018XP3G586/7	58,405	X1	5469	564	95.8	61.389	460V	◆

• ELECTRICAL FEATURES ON PAGE B-10.

• MECHANICAL FEATURES ON PAGE B-62.

◆ = Product may not be available from stock



'C' FLANGE – FOOT MOUNT

HP	RPM	NEMA Frame	Catalog Number	List Price	Multi. Sym.	Approx. Shipp. Weight Lbs.	FL Amps 460	FL Eff %	"C" Dimension (in.)	Voltage	NOTES
1	1800	143TC	00118XP3E143TC	764	X1	71	1.49	82.5	12.760	208-230/460V	
	1200	145TC	00112XP3E145TC	820	X1	67	1.70	80.0	13.752	208-230/460V	
1.5	3600	143TC	00156XP3E143TC	787	X1	69	1.99	82.5	12.760	208-230/460V	
	1800	145TC	00158XP3E145TC	790	X1	78	2.05	84.0	13.752	208-230/460V	
	1200	182TC	00152XP3E182TC	989	X1	128	2.38	85.5	14.862	208-230/460V	
2	3600	145TC	00236XP3E145TC	802	X1	71	2.60	84.0	13.752	208-230/460V	
	1800	145TC	00218XP3E145TC	802	X1	80	2.70	84.0	13.752	208-230/460V	
	1200	184TC	00212XP3E184TC	1,035	X1	132	3.20	86.5	15.862	208-230/460V	
3	3600	182TC	00336XP3E182TC	989	X1	135	3.59	85.5	14.862	208-230/460V	
	1800	182TC	00318XP3E182TC	1,030	X1	132	3.90	87.5	14.862	208-230/460V	
	1200	213T	00312XP3E213TC	1,490	X1	167	4.15	87.5	17.952	208-230/460V	
5	1800	184TC	00518XP3E184TC	1,056	X1	137	6.48	87.5	15.862	208-230/460V	
7.5	1800	213TC	00718XP3E213TC	1,515	X1	196	9.53	89.5	17.952	208-230/460V	
10	1800	215TC	01018XP3E215TC	1,618	X1	211	12.8	90.2	19.450	208-230/460V	
15	1800	254TC	01518XP3E254TC	2,111	X1	319	17.9	91.0	23.175	208-230/460V	
20	1800	256TC	02018XP3E256TC	2,556	X1	352	24.4	91.0	24.923	208-230/460V	
25	1800	284TC	02518XP3E284TC	3,257	X1	503	29.6	92.4	26.407	208-230/460V	
30	1800	286TC	03018XP3E286TC	3,692	X1	547	34.4	92.4	27.905	208-230/460V	
40	1800	324TC	04018XP3E324TC	4,643	X1	623	47.6	93.0	29.602	208-230/460V	
50	1800	326TC	05018XP3E326TC	5,425	X1	720	57.8	93.6	31.106	208-230/460V	
60	1800	364TC	06018XP3E364TC	9,435	X1	1060	67.0	93.6	33.701	208-230/460V	
75	1800	365TC	07518XP3E365TC	9,998	X1	1347	82.4	94.1	33.701	208-230/460V	
100	1800	405TC	10018XP3E405TC	12,338	X1	1390	115	94.5	38.074	208-230/460V	

These models are fitted with a C-Flange but still have a foot mount design for maximum mounting flexibility

- ELECTRICAL FEATURES ON PAGE B-9, B-10.
- MECHANICAL FEATURES ON PAGE B-62-63.



'C' FLANGE – FOOTLESS

HP	RPM	NEMA Frame	Catalog Number	List Price	Multi. Sym.	Approx. Shipp. Weight Lbs.	FL Amps 460	FL Eff %	"C" Dimension (in.)	Voltage	NOTES
1	1800	143TC	00118XP3ER143TC	764	X1	71	1.49	82.5	12.750	208-230/460V	●
1.5	1800	145TC	00158XP3ER145TC	790	X1	78	2.05	84.0	13.752	208-230/460V	●
2	1800	145TC	00218XP3ER145TC	802	X1	80	2.70	84.0	13.752	208-230/460V	●
3	1800	182TC	00318XP3ER182TC	1,030	X1	132	3.90	87.5	14.862	208-230/460V	●
5	1800	184TC	00518XP3ER184TC	1,056	X1	137	6.48	87.5	15.862	208-230/460V	●
7.5	1800	213TC	00718XP3ER213TC	1,515	X1	196	9.53	89.5	17.952	208-230/460V	●
10	1800	215TC	01018XP3ER215TC	1,618	X1	211	12.80	90.2	19.450	208-230/460V	●
15	1800	254TC	01518XP3ER254TC	2,111	X1	319	17.90	91.0	23.175	208-230/460V	●
20	1800	256TC	02018XP3ER256TC	2,556	X1	352	24.40	91.0	24.923	208-230/460V	●
25	1800	284TC	02518XP3ER284TC	3,257	X1	503	29.60	92.4	26.407	208-230/460V	● ◆
30	1800	286TC	03018XP3ER286TC	3,692	X1	547	34.40	92.4	27.905	208-230/460V	● ◆
40	1800	324TC	04018XP3ER324TC	4,643	X1	623	47.60	93.0	29.602	208-230/460V	● ◆
50	1800	326TC	05018XP3ER326TC	5,425	X1	720	57.80	93.6	31.106	208-230/460V	● ◆

These models are Round Body design with no feet cast into the housing. They are design to mount C-Flange only

- ELECTRICAL FEATURES ON PAGE B-9.
- MECHANICAL FEATURES ON PAGE B-62, B-63.
- = Round Body
- ◆ = Product may not be available from stock

SINGLE PHASE – FOOT MOUNT

Starting capacitors, cast iron frames, rigid base and oversized ball bearings to ensure extended motor life are all standard features. Remember to consider ambient temperatures and that ODP are suitable where dirt and moisture are at minimum. TEFC motors are specifically designed for operating in environments of dirt, dust and excess moisture.



ODP



TEFC

GENERAL
PURPOSE

APPLICATIONS

- Pumps
- Fans
- Conveyors
- Blowers
- Air compressors
- Refrigeration equipment
- Industrial equipment
- Milling machines
- Tools
- Farm equipment*
- Aeration equipment
- Other moderate-to-high starting torque applications.

STANDARD FEATURES (Frame 48 & 56)

- Steel frame
- Single-phase, 2, 4 or 6 pole, 60Hz
- Voltage: 115/208-230V
- Squirrel cage rotor
- Start capacitor
- NEMA dimensions
- Class 'B' insulation (130°C)
- High starting torque
- Ball Bearings
- Open drip proof (ODP - IP21)
- Totally enclosed fan cooled (TEFC - IP55)
- Color: RAL 7022 (Dark Gray)

Only for TEFC (IP55) motors:

- Continuous Duty (S1), 40°C ambient
- V-ring slingers on both endshields
- Designed to operate in any position

STANDARD FEATURES

- Single-phase, 2, 4 and 6 pole, 60Hz
- Squirrel cage rotor / Aluminum die cast
- NEMA dimensions
- Ball bearings
- Insulation Class 'F'
- High starting torque
- Continuous Duty (S1)
- 104°F (40°C) ambient temperature
- Altitude: 3300 ft (1000m)
- 1045 carbon steel shaft
- F1 mounting T-Box
- NPT threaded terminal box
- Stainless steel nameplate
- Paint: Enamel alkyd resin base
- Color: RAL 7022 – Dark Gray
- Service factor : 1.15
- Service Factor : 1.25 (ODP only)
- 143/5T steel plate frames
- 182T up to 215T cast iron frames
- Automatic drain plugs
- V-ring slingers on both endshields

OPTIONAL FEATURES

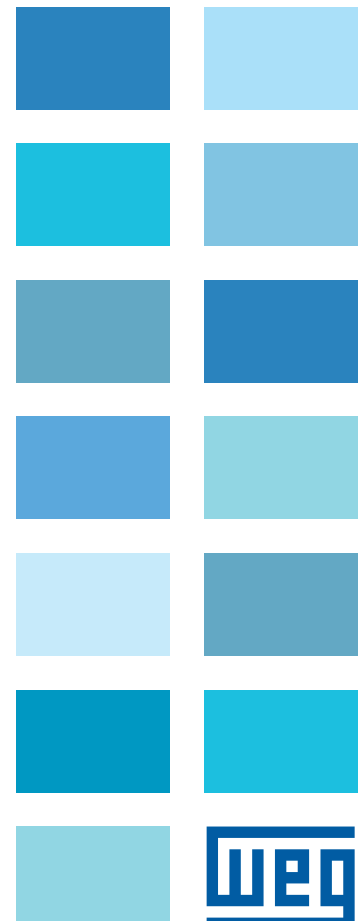
- Special Voltages and frequency
- Stainless steel shaft
- C and D flanges available for all frames
- F2 mount



Note: Motors are tested according to IEEE 112 std. – method 'B' or C390 CSA

HIGHLIGHTS

High
starting
torque





ODP – FOOT MOUNT

HP	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	Approx. Shipp. Weight Lbs	Service Factor	FL Amps 230V	FL Eff. %	"C" Dimension	Voltage	NOTES
1/8	1800	48	.1218OS1BB48	201	F1	17	1.40	1.60	48.1	9.409	115/208-230V	
	3600	48	.1636OS1BB48	216	F1	17	1.35	1.60	49.9	9.409	115/208-230V	
1/6	1800	48	.1618OS1BB48	208	F1	17	1.35	1.90	50.3	9.409	115/208-230V	
	1800	48	.1618OS1BSPB48	224	F1	19	1.35	1.90	52.1	9.409	115/208-230V	⚡
1/4	3600	48	.2536OS1BB48	220	F1	19	1.35	1.90	54.7	9.409	115/208-230V	
	3600	56	.2536OS1B56	220	F1	19	1.35	1.90	58.0	9.764	115/208-230V	
	1800	48	.2518OS1BB48	209	F1	19	1.35	2.40	55.9	9.409	115/208-230V	
	1800	48	.2518OS1BSPB48	240	F1	20	1.35	2.40	59.5	9.409	115/208-230V	⚡
	1800	56	.2518OS1B56	209	F1	19	1.35	2.40	62.0	9.764	115/208-230V	
	3600	48	.3336OS1BC48	222	F1	22	1.35	2.60	57.6	10.197	115/208-230V	
1/3	3600	56	.3336OS1BC56	222	F1	22	1.35	2.60	57.6	10.551	115/208-230V	
	1800	48	.3318OS1BC48	237	F1	22	1.35	3.00	58.2	10.197	115/208-230V	
	1800	48	.3318OS1BSPC48	258	F1	22	1.35	3.13	60.0	10.197	115/208-230V	⚡
	1800	56	.3318OS1BC56	237	F1	22	1.35	3.00	58.2	10.551	115/208-230V	
1/2	3600	48	.5036OS1BC48	237	F1	24	1.25	3.40	64.4	10.197	115/208-230V	
	3600	56	.5036OS1BC56	242	F1	24	1.25	3.40	64.4	10.551	115/208-230V	
	1800	48	.5018OS1BC48	273	F1	24	1.25	3.90	61.7	10.197	115/208-230V	
	1800	48	.5018OS1BSPC48	279	F1	24	1.25	4.00	63.5	10.197	115/208-230V	⚡
3/4	3600	56	.7536OS1BB56	274	F1	32	1.25	5.50	67.2	11.102	115/208-230V	
	1800	56	.7518OS1BD56	328	F1	36	1.25	5.50	66.7	12.283	115/208-230V	
1	3600	56	.00136OS1BD56	296	F1	36	1.25	7.00	66.3	12.283	115/208-230V	
	1800	56	.00118OS1BD56	355	F1	39	1.15	7.00	71.4	12.283	115/208-230V	
1 1/2	3600	56	.00156OS1BD56	333	F1	40	1.15	9.00	70.0	12.283	115/208-230V	
	1800	56H	.00158OS1BF56	438	F1	51	1.15	10.5	71.3	13.464	115/208-230V	
2	3600	56H	.00236OS1BF56	409	F1	48	1.15	11.0	77.9	13.464	115/208-230V	
	1800	56H	.00218OS1BG56	522	F1	55	1.15	13.0	71.4	13.858	115/208-230V	
3	3600	56H	.00336OS1BG56	475	F1	53	1.15	15.00	77.4	13.858	115/208-230V	
	3600	182T	.00336OS1D182T	606	W1	80	1.25	15.00	78.0	14.448	230V	
	1800	184T	.00318OS1D184T	691	W1	99	1.25	17.00	72.0	14.875	230V	
5	3600	184T	.00536OS1D184T	862	W1	109	1.25	21.00	82.0	14.875	230V	
	1800	184T	.00518OS1C184T	725	W1	109	1.25	24.60	81.6	14.875	208-230V	
	1800	184T	.00518OS1CCD184T	682	W1	109	1.25	24.50	82.0	14.875	208-230V	c
7.5	3600	184T	.00736OS1C184T	961	W1	130	1.25	30.60	85.0	14.875	208-230V	
	1800	215T	.00718OS1F215T	961	W1	130	1.15	30.60	85.0	19.660	230/460V	CCW
	1800	215T	.00718OS1CCD215T	901	W1	130	1.15	31.30	84.5	19.660	208-230V	CCW

- ELECTRICAL FEATURES ON PAGE B-2, B-11.
- MECHANICAL FEATURES ON PAGE B-51, B-64.

⚡ = Split-Phase Motor

c = Compressor Duty

CCW = CCW Rotation Only



GENERAL
PURPOSE

TEFC – FOOT MOUNT

HP	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	Approx. Shipp. Weight Lbs	Service Factor	FL Amps 230V	FL Eff. %	"C" Dimension	Voltage	NOTES
1/4	3600	56	.2536ES1BB56	257	F1	31	1.15	2.50	50.0	11.496	115/208-230V	
	1800	56	.2518ES1BB56	267	F1	33	1.15	2.30	57.7	11.496	115/208-230V	
1/3	3600	56	.3336ES1BB56	267	F1	36	1.15	2.80	53.0	11.496	115/208-230V	
	1800	56	.3318ES1BB56	283	F1	36	1.15	3.00	61.0	11.496	115/208-230V	
1/2	3600	56	.5036ES1BB56	284	F1	40	1.15	3.80	58.0	11.496	115/208-230V	
	1800	56	.5018ES1BB56	312	F1	41	1.15	3.85	66.5	11.496	115/208-230V	
	1200	56	.5012ES1BD56	512	F1	41	1.15	4.90	71.0	12.677	115/208-230V	
3/4	3600	56	.7536ES1BB56	297	F1	41	1.15	5.30	64.0	11.496	115/208-230V	
	1800	56	.7518ES1BB56	348	F1	46	1.15	5.60	68.5	11.496	115/208-230V	
	1200	56	.7512ES1BF56	648	F1	58	1.15	5.20	71.0	13.858	115/208-230V	
1	3600	56	00136ES1BD56	376	F1	46	1.15	6.30	67.0	12.677	115/208-230V	
	3600	F143T	00136ES1E143T	553	W1	63	1.15	6.30	67.7	14.834	208-230/460V	
	1800	56	00118ES1BD56	401	F1	52	1.15	7.00	70.3	12.677	115/208-230V	
	1800	F143T	00118ES1E143T	531	W1	65	1.15	7.00	68.0	14.834	208-230/460V	
1.5	3600	56	00156ES1BD56	432	F1	56	1.15	8.50	70.0	12.677	115/208-230V	
	3600	F143T	00156ES1E143T	602	W1	65	1.15	8.50	70.0	14.834	208-230/460V	
	1800	56	00158ES1BF56	456	F1	58	1.15	9.00	76.5	13.858	115/208-230V	
	1800	G145T	00158ES1E145T	611	W1	73	1.15	9.00	72.0	15.228	208-230/460V	
	1200	182T	00152ES1E182T	1,100	W1	135	1.15	7.70	80.0	17.240	208-230/460V	
2	3600	56	00236ES1BF56	561	F1	65	1.15	10.5	74.0	13.858	115/208-230V	
	3600	G145T	00236ES1E145T	640	W1	73	1.15	10.2	75.0	15.228	208-230/460V	
	1800	G145T	00218ES1E145T	615	W1	75	1.15	10.8	74.0	15.228	208-230/460V	
	1200	W213T	00212ES1E213T	1,209	W1	184	1.15	10.0	80.0	21.000	208-230/460V	
3	3600	G145T	00336ES1E145T	829	W1	79	1.15	13.5	78.8	15.228	208-230/460V	
	3600	182T	00336ES1E182T	879	W1	109	1.15	13.5	78.8	17.240	208-230/460V	
	1800	184T	00318ES1E184T	874	W1	133	1.15	14.0	78.0	17.050	208-230/460V	
	1200	215T	00312ES1E215T	1,327	W1	204	1.15	13.0	82.0	21.000	208-230/460V	
	3600	184T	00536ES1E184T	1,038	W1	133	1.15	21.0	83.0	17.050	208-230/460V	
5	1800	184T	00518ES1E184T	1,064	W1	157	1.15	21.0	79.4	17.050	208-230/460V	
	1800	215TZ	00518ES1E215TZ	1,181	W1	169	1.15	21.0	79.4	19.567	208-230/460V	
	1200	215T	00512ES1E215T	1,588	W1	213	1.15	22.0	83.0	19.500	208-230/460V	
	3600	213T	00736ES1E213T	1,548	W1	167	1.15	31.0	84.0	21.000	208-230/460V	
7.5	1800	215T	00718ES1E215T	1,359	W1	199	1.15	34.0	82.0	19.500	208-230/460V	
	1800	215TZ	00718ES1E215TZ	1,446	W1	199	1.15	34.0	82.0	19.567	208-230/460V	
	3600	215T	01036ES1E215T	1,916	W1	196	1.15	38.2	88.2	19.500	208-230/460V	
10	3600	215T	01018ES1E215T	1,579	W1	223	1.15	40.0	83.0	19.500	208-230/460V	
	1800	215T	01018ES1E215T	1,579	W1	223	1.15	40.0	83.0	19.500	208-230/460V	

- ELECTRICAL FEATURES ON PAGE B-3, B-11.
- MECHANICAL FEATURES ON PAGE B-52, B-64.