

VECTOR DUTY MOTORS

TENV – Three-Phase – Foot Mount – Double C-Face A-237

OIL WELL PUMPING – ODP & TEFC

TEFC – Three-Phase – NEMA Design ‘D’ A-240

ODP - Three-Phase - NEMA Design ‘D’ A-240

COMPRESSOR DUTY MOTORS

ODP – Single-Phase – Foot Mount A-242

ODP – Three-Phase – Foot Mount – NEMA Premium® A-243

HYDRAULIC PUMP MOTORS

TEFC – Three-Phase – SAE-A – High Efficiency A-244

BRAKE MOTORS

TEFC – Foot Mount A-246

TEFC – C-Face – Foot Mount A-247

SAW ARBOR MOTORS

TEFC – Three-Phase – Right-Hand Thread A-248

TEFC – Three-Phase – Left-Hand Thread A-248

SOOT BLOWER MOTORS

TEFC – C-Face – Footless A-249

Definite Purpose Motors

VECTOR DUTY MOTORS

TENV - Three-Phase - Foot Mount - Double C-Face

Designed specifically for inverter operation for applications requiring 1000:1 constant torque turndown ratio

- Class F insulation (Impregnation Resin and Magnet wire are class H)
- NEMA design B
- F1 Mounted (F2 convertible)
- Stainless Steel Nameplate - Laser etched with high contrast background
- Gasketed conduit box



Features that make a difference:

- Constant torque operation from 0 to base speed (1000:1) on PWM Vector Drive
- Constant Horsepower operation up to 150% base speed
- Ready for encoder mount
- With thermostats (1 per phase)
- Special nameplate data for easy drive set-up
- Ready for C-face brake, limited to 10 lb-ft braking torque

ADDITIONAL TECHNICAL DATA
CONTACT WEG OR VISIT WWW.WEG.NET

Inverter Rated:
1000 : 1 for constant torque

TENV – Three-Phase – Foot Mount – Double C-Face

HP	kW	RPM	Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL. Eff (%)	"C" Dimension (in)	Voltage (V)	Notes
1	0.75	1800	143/5TC	00118NT3FVD143TC-W22	\$697	D1	51	1.00	1.41	85.5	14.678	230/460	17;19
1.5	1.1	1800	143/5TC	00158NT3FVD145TC-W22	\$705	D1	60	1.00	2.00	86.5	14.678	230/460	17;19
2	1.5	1800	143/5TC	00218NT3FVD145TC-W22	\$928	D1	62	1.00	2.65	86.5	14.678	230/460	17;19
3	2.2	1800	182/4TC	00318NT3FVD182TC-W22	\$1,150	D1	107	1.00	3.91	89.5	16.569	230/460	17;19
5	3.7	1800	182/4TC	00518NT3FVD184TC-W22	\$1,373	D1	116	1.00	7.11	89.5	16.569	230/460	17;19;37
7.5	5.5	1800	213/5TC	00718NT3FVD213TC-W22	\$1,803	D1	173	1.00	9.07	91.7	20.041	230/460	17;19
10	7.5	1800	213/5TC	01018NT3FVD215TC-W22	\$2,157	D1	207	1.00	13.3	91.7	20.041	230/460	17;19;37
15	11	1800	254/6TC	01518NT3FVD254TC-W22	\$2,567	D1	365	1.00	19.4	92.4	25.569	230/460	17;19
20	15	1800	254/6TC	02018NT3FVD256TC-W22	\$3,747	D1	398	1.00	26.6	93.0	25.569	230/460	17;19;37



Please refer to back cover for description of "NOTES"

For detailed specifications, data sheets, drawings and performance curves visit <http://www.weg.net>

Data subject to change without notice.

Can't find what you are looking for? Call 1-800-ASK-4WEG (275-4934)

A-237

System Drive VFD AC Motors

1HP – 1500HP TEFC

The WEG Systems Drive VFD AC motor raises the bar for customers who demand the best. Benefits such as very high overload and expanded speed range capabilities increase the value of the product for many variable speed applications.

The designs are based on the W22 and H-Line Severe Duty motor platforms for outstanding reliability.

What makes this a Systems Drive Motor

- 1000:1 Constant Torque
- Constant torque capability to zero speed in standard NEMA frame size TEFC motor
- High torque designs for wide constant HP capability
- High short term overload capacities can exceed 200%
- 3 NC thermostats on winding
- Drive end shaft grounding available (standard 447T and larger)
- Insulated opposite drive end bearings available (standard 447T and larger)
- Very low noise
- Class I and Class II Division 2 up to 20:1CT to 449T frame (certification on larger ratings upon request)
- VFD rated insulation system exceeds requirements of NEMA MG1 Part 31 standard
- Custom designs for non-standard base speeds/frequencies (i.e. 600RPM base speed with 6-pole design) to replace many DC motor applications without gearing change



What makes this a WEG Motor

- Rugged FC200 high strength cast iron construction
- Paint system exceeds 200 hour salt spray test per ASTM B117
- PPLS – Positive Pressure Lubrication System
- All Silicon C4 coated lamination steel for reliability and repairability – withstands burnout temperatures of 500C(935F) without loss of insulating properties. This allows the motor to be rewound back to the original efficiency
- Class F insulation system with mostly Class H components for long life
- Stainless steel nameplate

Please contact your authorized WEG distributor or go to www.weg.net for further information or additional specifications. **1-800-ASK-4WEG**



Three-Phase General Purpose Motors

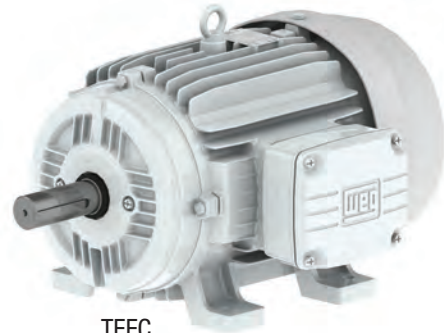
OIL WELL PUMPING

TEFC & ODP

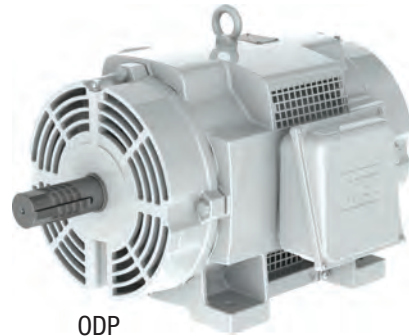
These special motors have the high slip and high torque that oil well beam pumping units demand.

Standard Features:

- Regreasable Bearings (Frames 254T and up)
- NEMA design D (5-8% slip)
- Class F insulation (Impregnation Resin and magnet Wire are class H)
- F2 Mounted (Cast Iron frames are F1 convertible).
- Stainless Steel Nameplate - Laser etched with High contrast background (Cast Iron Frames only)
- Gasketed conduit box (TEFC only)
- Class I, Div. 2, Groups A, B, C & D – T3, Class II, Div 2, Groups F & G – T3C (TEFC Frames only)



TEFC



ODP

Features that make a difference:

- Rodent screen (ODP Frames 254T and up)
- High starting and breakdown torque (NEMA Design D)
- Roller bearings for frames 404T and up

ADDITIONAL TECHNICAL DATA

CONTACT WEG OR VISIT WWW.WEG.NET



Definite Purpose Motors



OIL WELL PUMPING

TEFC – Three-Phase – NEMA Design ‘D’

HP	kW	RPM	Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL. Eff (%)	“C” Dimension (in)	Voltage (V)	Notes
3	2.2	1200	213/5T	00312ES3EOW215T-W22	\$1,027	P1E	147	1.15	4.98	74.0	19.517	208-230/460	7
		1200	213/5T	00512ES3EOW215T-W22	\$1,170	P1E	185	1.15	7.73	77.0	19.517	208-230/460	7
5	3.7	900	254/6T	00509ES3EOW256T-W22	\$2,242	P1E	301	1.15	7.27	77.0	24.945	208-230/460	7
		1200	254/6T	00712ES3EOW254T-W22	\$1,688	P1E	289	1.15	9.40	82.5	24.945	208-230/460	7
10	7.5	1200	254/6T	01012ES3EOW256T-W22	\$2,070	P1E	346	1.15	12.7	82.5	24.945	208-230/460	7
		900	284/6T	01009ES3EOW286T-W22	\$3,437	P1E	400	1.15	13.7	82.5	27.929	208-230/460	7
15	11	1200	284/6T	01512ES3EOW284T-W22	\$2,679	P1E	447	1.15	18.3	85.5	27.929	208-230/460	7
		900	324/6T	01509ES3EOW324T-W22	\$4,293	P1E	577	1.15	21.8	85.5	31.116	208-230/460	7
20	15	1200	284/6T	02012ES3EOW286T-W22	\$3,162	P1E	488	1.15	24.2	86.5	27.929	208-230/460	7
		900	324/6T	02009ES3EOW326T-W22	\$4,872	P1E	629	1.15	29.8	85.5	31.116	208-230/460	7
25	18.5	1200	324/6T	02512ES3EOW324T-W22	\$3,887	P1E	598	1.15	31.2	88.5	31.116	208-230/460	7
30	22	1200	324/6T	03012ES3EOW326T-W22	\$4,515	P1E	632	1.15	37.1	88.5	31.116	208-230/460	7
40	30	1200	364/5T	04012ES3EOW365T-W22	\$6,290	P1E	1002	1.15	48.9	87.5	34.251	208-230/460	7
50	37	1200	404/5T	05012ES3EOW404T-W22	\$8,172	P1E	1299	1.15	59.2	88.1	39.730	208-230/460	7;14
60	45	1200	404/5T	06012ES3EOW405T-W22	\$9,414	P1E	1252	1.15	71.3	89.0	39.730	208-230/460	7;14
75	55	1200	444/5T	07512ES3EOW444T-W22	\$14,976	P1E	1856	1.15	91.8	89.5	44.950	208-230/460	7;14
100	75	1200	444/5T	10012ES3EOW445T-W22	\$18,074	P1E	2222	1.15	121	90.2	44.950	208-230/460	7;14



ODP – Three-Phase – NEMA Design ‘D’

HP	kW	RPM	Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL. Eff (%)	“C” Dimension (in)	Voltage (V)	Notes
1.5	1.1	1200	184T	001520S3EOW184T	\$777	P1E	71	1.00	2.66	71.0	14.291	208-230/460	1;7;9
2	1.5	1200	184T	002120S3EOW184T	\$793	P1E	72	1.00	3.36	81.3	14.291	208-230/460	1;7;9
3	2.2	1200	213T	003120S3EOW213T	\$866	P1E	109	1.00	4.69	80.7	17.165	208-230/460	1;7;9
5	3.7	1200	215T	005120S3EOW215T	\$989	P1E	128	1.00	7.15	85.5	17.165	208-230/460	1;7;9
7.5	5.5	1200	254T	007120S3EOW254T	\$1,434	P1E	185	1.00	9.63	81.5	20.669	208-230/460	1;7
10	7.5	1200	256T	010120S3EOW256T	\$1,796	P1E	297	1.00	13.5	83.0	22.401	208-230/460	1;7
15	11	1200	284T	015120S3EOW284T	\$2,441	P1E	355	1.00	18.1	86.5	23.386	208-230/460	1;7
25	18.5	1200	324T	025120S3EOW324T	\$3,247	P1E	503	1.00	33.6	86.5	26.181	208-230/460	1;7
30	22	1200	326T	030120S3EOW326T	\$3,848	P1E	550	1.00	39.0	88.5	27.667	208-230/460	1;7
40	30	1200	364/5T	040120S3EOW365T	\$5,277	P1E	860	1.00	51.3	88.5	29.764	208-230/460	1;7
50	37	1200	404/5T	050120S3EOW405T	\$6,834	P1E	1019	1.00	61.7	88.5	34.133	208-230/460	1;7;14
60	45	1200	404/5T	060120S3EOW405T	\$7,495	P1E	1039	1.00	75.1	88.5	34.133	208-230/460	1;7;14
75	55	1200	444/5T	075120S3EOW445T	\$12,308	P1E	1458	1.00	96.4	89.5	39.803	208-230/460	1;7;14
100	75	1200	444/5T	100120S3EOW445T	\$13,078	P1E	1691	1.00	127	90.2	39.803	208-230/460	1;7;14

Definite Purpose Motors

COMPRESSOR DUTY MOTORS

ODP - Foot Mount

These high quality motors are designed to meet the high torque requirements of air compressor loads. Special electrical and mechanical design guarantees reliable service and longer motor life.

Single-Phase

- Class B insulation
- Start Capacitor
- Ball bearings
- Manual Reset Thermal Overload Protection
- High starting torque
- Rolled Steel frames have the base seam-welded to the frame for heavy duty use

Three-Phase

- Class F insulation (Impregnation Resin and Magnet wire are class H)
- Class B Rise at 1.15 Service Factor
- F1 Mounted (Cast Iron Frame motors are F2 convertible)
- Stainless Steel Nameplate - Laser etched with high contrast background (Cast Iron Frames only)
- Cast Iron Frames: Regreasable ball bearings
- Rolled Steel Frames: Permanently Lubricated ZZ ball bearings



Single Phase



Three Phase

ADDITIONAL TECHNICAL DATA

ELECTRICAL DATA: B-9; B-16

MECHANICAL DATA: B-74; B-75



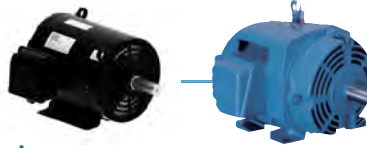
Definite Purpose Motors



COMPRESSOR DUTY MOTORS

ODP – Single-Phase – Foot Mount

HP	kW	RPM	Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL Eff (%)	“C” Dimension (in)	Voltage (V)	Notes
0.5	0.37	3600	W56	.50360S1BCDW56-S	\$224	C1S	28	1.00	3.10	63.0	9.866	115/208-230	1;4;6;9
0.75	0.55	3600	W56	.75360S1BCDW56-S	\$237	C1S	22	1.00	4.30	68.5	10.260	115/208-230	1;4;6;9
1	0.75	3600	56	001360S1BCD56-S	\$278	C1S	36	1.00	6.60	67.0	11.102	115/208-230	1;4;6;9
1.5	1.1	3600	56	001560S1BCD56-S	\$311	C1S	40	1.00	8.70	68.0	11.496	115/208-230	1;4;6;9
2	1.5	3600	56H	002360S1BCD56-S	\$372	C1S	34	1.00	8.90	70.0	11.890	115/208-230	1;4;6;9
3	2.2	3600	56H	003360S1CCD56-S	\$432	C1S	41	1.00	12.7	80.0	12.677	208-230	1;4;6;9
		1800	184T	003180S1CCDOL184T	\$687	C1	99	1.15	17.5	75.0	14.875	208-230	4;6
5	3.7	3600	56H	005360S1DCD56H-S	\$458	C1S	53	1.00	20.3	80.0	13.465	230	1;4;6;9
		3600	56HZ	005360S1DCD56HZ-S	\$481	C1S	53	1.00	20.3	80.0	13.533	230	1;4;5;6;9
		3600	W182/4Y	005360S1CCDW184Y-S	\$526	C1S	56	1.00	20.7	80.0	15.152	208-230	1;4;5;6;9
		1800	184T	005180S1CCDOL184T	\$721	C1	101	1.15	21.5	82.5	14.875	208-230	4;6
		1800	184T	005180S1CCD184T	\$682	C1	102	1.25	21.5	82.5	14.875	208-230	6;10
7.5	5.5	1800	215T	007180S1CCD215T	\$961	C1	129	1.15	31.3	84.5	19.660	208-230	5;6;9;28
10	7.5	1800	215T	010180S1CCD215T	\$1,468	C1	162	1.15	43.0	85.0	21.235	208-230	5;6;9;28



Definite Purpose Motors

COMPRESSOR DUTY MOTORS

ODP – Three-Phase – Foot Mount

HP	kW	RPM	Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL. Eff (%)	“C” Dimension (in)	Voltage (V)	Notes
1	0.75	1800	143/5T	001180T3E143T-S	\$390	N1S	38	1.15	1.50	85.5	11.181	230/460	9
		1800	143/5T	001180T3ECD143T-S	\$398	N1S	38	1.15	1.50	85.5	11.181	230/460	6;9
		1800	143/5T	001180T3P143T-S	\$390	N1S	38	1.15	3.50	85.5	11.181	200	9
1.5	1.1	3600	143/5T	001560T3E143T-S	\$442	N1S	33	1.15	1.90	84.0	11.181	230/460	9
		1800	143/5T	001580T3E145T-S	\$449	N1S	45	1.15	2.10	86.5	12.362	230/460	9
		1800	143/5T	001580T3ECD145T-S	\$458	N1S	45	1.15	2.10	86.5	12.362	230/460	6;9
2	1.5	1800	143/5T	001580T3P145T-S	\$449	N1S	45	1.15	4.80	86.5	12.362	200	9
		3600	143/5T	002360T3E145T-S	\$487	N1S	40	1.15	2.40	85.5	11.969	230/460	9
		1800	143/5T	002180T3E145T-S	\$492	N1S	43	1.15	2.70	86.5	12.362	230/460	9
3	2.2	1800	143/5T	002180T3ECD145T-S	\$502	N1S	43	1.15	2.70	86.5	12.362	230/460	6;9
		1800	143/5T	002180T3P145T-S	\$492	N1S	43	1.15	6.20	86.5	12.362	200	9
		3600	143/5T	003360T3E145T-S	\$545	N1S	43	1.15	3.60	85.5	12.362	230/460	9
5	3.7	1800	182/4T	003180T3E182T-S	\$524	N1S	73	1.15	3.90	89.5	15.157	230/460	9
		1800	182/4T	003180T3P182T-S	\$523	N1S	73	1.15	8.90	89.5	15.157	200	9
		3600	143/5T	005360S3ECD56-S	\$412	C1S	41	1.00	6.40	74.8	12.675	208-230/460	1;6;9;29
7.5	5.5	3600	182/4T	005360T3E182T-S	\$651	N1S	61	1.15	6.10	86.5	14.764	230/460	9
		1800	182/4T	005180T3E184T-S	\$630	N1S	88	1.15	6.30	89.5	16.339	230/460	9
		1800	182/4T	005180T3P184T-S	\$629	N1S	88	1.15	14.6	89.5	16.339	200	9
10	7.5	3600	182/4T	007360T3E184T-S	\$920	N1S	76	1.15	8.70	88.5	15.157	230/460	9
		1800	213/5T	007180T3E213T-S	\$910	N1S	125	1.15	9.30	91.0	16.575	230/460	9
		1800	213/5T	007180T3P213T-S	\$910	N1S	125	1.15	21.3	91.0	16.575	200	9
15	11	3600	213/5T	010360T3E213T-S	\$1,081	N1S	126	1.15	12.0	89.5	16.969	230/460	9
		1800	213/5T	010180T3E215T-S	\$1,102	N1S	130	1.15	12.4	91.7	16.575	230/460	9
		1800	213/5T	010180T3P215T-S	\$1,101	N1S	130	1.15	28.5	91.7	16.575	200	9
20	15	1800	254/6T	015180T3E254T-S	\$1,477	N1S	211	1.15	18.6	93.0	20.472	230/460	9
		1800	254/6T	015180T3H254T-S	\$1,477	N1S	211	1.15	14.9	93.0	20.472	575	9
		1800	254/6T	015180T3P254T-S	\$1,380	N1S	211	1.15	42.8	93.0	20.472	200	9
		1800	254T	015180T3ECD254T	\$1,507	N1B	265	1.15	18.4	91.0	20.669	230/460	6
		1800	254T	015180T3HCD254T	\$1,507	N1B	264	1.15	14.9	91.0	20.669	575	6
		1800	254T	015180T3PCD254T	\$1,507	N1B	264	1.15	42.8	91.0	20.669	200	6
25	18.5	3600	254/6T	020360T3E254T-S	\$1,760	N1S	187	1.15	23.8	91.0	20.472	230/460	9
		3600	254T	020360T3ECD254T	\$1,795	N1B	222	1.15	24.6	91.0	20.669	230/460	6
		1800	254/6T	020180T3E256T-S	\$1,832	N1S	235	1.15	25.0	93.0	20.472	230/460	9
		1800	256T	020180T3ECD256T	\$1,869	N1B	301	1.15	25.0	93.0	22.401	230/460	6
25	18.5	3600	254/6T	025360T3E256T-S	\$2,139	N1S	202	1.15	29.1	91.7	20.472	230/460	9
		3600	254T	025360T3ECD256T	\$2,182	N1B	259	1.15	29.8	91.7	22.401	230/460	6

Please refer to back cover for description of "NOTES"

For detailed specifications, data sheets, drawings and performance curves visit <http://www.weg.net>

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A-243

HYDRAULIC PUMP MOTORS

TEFC – Three-Phase – SAE-A – High Efficiency

Heavy duty cast iron enclosure designed for intermittent duty. Typical applications are hydraulic pumps for trash compactors, car lifts and others.

- Class F insulation (Impregnation Resin and magnet Wire are class H)
- F3 mount
- 8-hole SAE-A flange for different angle pump mounting
- Shaft with 3/4” bore (female shaft)



Features that make a difference

- NPT Threaded terminal box
- Cast Iron frame
- Totally Enclosed IP55 rated

TEFC – Three-Phase – SAE-A – High Efficiency

HP	kW	RPM	Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL Eff (%)	“C” Dimension (in)	Voltage (V)	Notes
5	3.7	1800	184TYZ	00518EP3EHP184TYZ7F3	\$819	W1	99	1.15	7.37	87.5	12.800	208-230/460	8;30;37
7.5	5.5	1800	213TYZ	00718EP3EHP213TYZ7F3	\$1,054	W1	172	1.15	10.9	89.5	14.816	208-230/460	8;30;37
10	7.5	1800	215TYZ	01018EP3EHP215TYZ7F3	\$1,244	W1	189	1.15	15.7	89.5	16.312	208-230/460	8;30;37

BRAKE MOTORS

TEFC - Three-Phase - NEMA Premium®

WEG W22 brake motors consist of an induction motor coupled to a disc brake. Brake is of sturdy construction with few moving parts which guarantees long durability and minimum maintenance.



Standard Features:

- Class F insulation (Impregnation Resin and Magnet wire are class H)
- F1 Mounted
- Stainless Steel Nameplate - Laser etched with high contrast background
- Regreasable ball bearings (Frames 254T and up)
- 60HZ - 50HZ available with custom build

Note 1: If separate power supply to the Brake is required, (Such as on Motors operating with Variable Frequency Drive); 230V to the Brake module is mandatory, unless motor model contains “Q” (ex. 00118EP3EBMQ143T). For “Q” models, the input voltage to the Brake module is 460V AC. Available as stock mod.

Features that make a difference:

- 1.25 Service Factor
- NPT Threaded terminal box
- Armature type brake
- Manual Release

Inverter Rated: ¹
1000:1 for variable torque
20:1 for constant torque

Brake Torques

Frame	N.m	lb.ft	Optional lb.ft
143/5T	16	12	17
182/4T	60	44	N/A
213/5T	125	59	92
254/6T	235	111	173
284/6T	400	192	254



Please refer to back cover for description of “NOTES”

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Definite Purpose Motors



BRAKE MOTORS

TEFC – Foot Mount

HP	KW	RPM	Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL Eff (%)	“C” Dimension (in)	Voltage (V)	Notes
1	0.75	1800	143/5T	00118ET3EBM143T-W22	\$1,494	B1	59	1.25	1.47	85.5	16.231	230/460	25
		1800	143/5T	00118ET3EBMQ143T-W22	\$1,654	B1	59	1.25	1.47	85.5	16.231	230/460	24;26
		1800	143/5T	00118ET3HBM143T-W22	\$1,494	B1	62	1.25	1.18	85.5	16.231	575	25
		1200	143/5T	00112ET3EBM145T-W22	\$1,587	B1	66	1.25	1.73	82.5	16.231	230/460	25
		900	182/4T	00109ET3EBM182T-W22	\$2,594	B1	126	1.25	2.30	78.5	19.314	230/460	25
1.5	1.1	3600	143/5T	00156ET3EBM143T-W22	\$1,501	B1	73	1.25	1.96	84.0	16.231	230/460	25
		1800	143/5T	00158ET3EBM145T-W22	\$1,569	B1	65	1.25	2.02	86.5	16.231	230/460	25
		1800	143/5T	00158ET3EBMQ145T-W22	\$1,729	B1	70	1.25	2.02	86.5	16.231	230/460	24;26
		1200	182/4T	00152ET3EBM182T-W22	\$2,264	B1	117	1.25	2.54	87.5	19.314	230/460	25
		900	182/4T	00159ET3EBM184T-W22	\$2,703	B1	156	1.25	2.70	82.5	19.314	230/460	25
2	1.5	3600	143/5T	00236ET3EBM145T-W22	\$1,501	B1	62	1.25	2.56	85.5	16.231	230/460	25
		1800	143/5T	00218ET3EBM145T-W22	\$1,594	B1	66	1.25	2.76	86.5	16.231	230/460	25
		1800	143/5T	00218ET3EBMQ145T-W22	\$1,754	B1	72	1.25	2.76	86.5	16.231	230/460	24;26
		1200	182/4T	00212ET3EBM184T-W22	\$2,369	B1	122	1.25	3.23	88.5	19.314	230/460	25
		900	213/5T	00209ET3EBM213T-W22	\$3,345	B1	217	1.25	3.39	85.5	23.188	230/460	25
3	2.2	3600	182/4T	00336ET3EBM182T-W22	\$2,290	B1	140	1.25	3.63	86.5	19.314	230/460	25
		1800	182/4T	00318ET3EBM182T-W22	\$2,052	B1	115	1.25	3.91	89.5	19.314	230/460	25
		1800	182/4T	00318ET3EBMQ182T-W22	\$2,212	B1	130	1.25	3.91	89.5	19.314	230/460	24;26
		1200	213/5T	00312ET3EBM213T-W22	\$3,220	B1	196	1.25	4.41	89.5	23.188	230/460	25
		900	213/5T	00309ET3EBM215T-W22	\$3,740	B1	259	1.25	4.55	85.5	23.188	230/460	25
5	3.7	3600	182/4T	00536ET3EBM184T-W22	\$2,343	B1	126	1.25	5.90	88.5	19.314	230/460	25
		1800	182/4T	00518ET3EBM184T-W22	\$2,291	B1	124	1.25	6.45	89.5	19.314	230/460	25
		1800	182/4T	00518ET3EBMQ184T-W22	\$2,451	B1	136	1.25	6.45	89.5	19.314	230/460	24;26
		1800	182/4T	00518ET3HBM184T-W22	\$2,291	B1	124	1.25	5.16	89.5	19.314	575	25
		1200	213/5T	00512ET3EBM215T-W22	\$3,406	B1	213	1.25	6.83	89.5	23.188	230/460	25
		900	254/6T	00509ET3EBM254T-W22	\$5,641	B1	358	1.25	7.58	87.5	29.839	230/460	25
		900	254/6T	00509ET3EBMQ254T-W22	\$5,801	B1	354	1.25	7.58	87.5	29.839	230/460	24;26
7.5	5.5	3600	213/5T	00736ET3EBM213T-W22	\$3,002	B1	200	1.25	8.76	89.5	23.188	230/460	25
		1800	213/5T	00718ET3EBM213T-W22	\$2,903	B1	215	1.25	9.18	91.7	23.188	230/460	25
		1200	254/6T	00712ET3EBM254T-W22	\$5,172	B1	377	1.25	9.48	91.0	29.839	230/460	25
		900	254/6T	00709ET3EBM256T-W22	\$6,415	B1	377	1.25	11.1	87.5	29.839	230/460	25
10	7.5	3600	213/5T	01036ET3EBM215T-W22	\$3,492	B1	238	1.25	11.6	90.2	23.188	230/460	25
		1800	213/5T	01018ET3EBM215T-W22	\$3,474	B1	221	1.25	12.4	91.7	23.188	230/460	25
		1800	213/5T	01018ET3HBM215T-W22	\$3,474	B1	200	1.25	9.92	91.7	23.188	575	25
		1200	254/6T	01012ET3EBM256T-W22	\$5,759	B1	367	1.25	12.9	91.0	29.839	230/460	25
15	11	3600	254/6T	01536ET3EBM254T-W22	\$4,745	B1	384	1.25	17.2	91.0	29.839	230/460	25
		1800	254/6T	01518ET3EBM254T-W22	\$5,205	B1	407	1.25	18.0	92.4	29.839	230/460	25
		1800	254/6T	01518ET3EBMQ254T-W22	\$5,365	B1	407	1.25	18.0	92.4	29.839	230/460	24;26
		1800	254/6T	01518ET3HBM254T-W22	\$5,205	B1	369	1.25	14.4	92.4	29.839	575	25
20	15	3600	254/6T	02036ET3EBM256T-W22	\$5,768	B1	424	1.25	23.2	91.0	29.839	230/460	25
		1800	254/6T	02018ET3EBM256T-W22	\$5,771	B1	456	1.25	24.1	93.0	29.839	230/460	25
25	18.5	1800	284/6T	02518ET3EBM284T-W22	\$6,796	B1	520	1.25	29.5	93.6	32.976	230/460	25
30	22	1800	284/6T	03018ET3EBM286T-W22	\$7,276	B1	558	1.25	35.1	93.6	32.976	230/460	25

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TEFC – C-Face – Foot Mount

HP	kW	RPM	Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL. Eff (%)	“C” Dimension (in)	Voltage (V)	Notes
1	0.75	1800	143/5TC	00118ET3EBMQ143TC-W2	\$1,682	B1	61	1.25	1.47	85.5	16.231	230/460	24;26
1.5	1.1	1800	143/5TC	00158ET3EBMQ145TC-W2	\$1,757	B1	70	1.25	2.02	86.5	16.231	230/460	24;26
2	1.5	1800	143/5TC	00218ET3EBMQ145TC-W2	\$1,782	B1	72	1.25	2.76	86.5	16.231	230/460	24;26
3	2.2	1800	182/4TC	00318ET3EBMQ182TC-W2	\$2,250	B1	119	1.25	3.91	89.5	19.314	230/460	24;26
5	3.7	1800	182/4TC	00518ET3EBMQ184TC-W2	\$2,489	B1	136	1.25	6.45	89.5	19.314	230/460	24;26

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A-247

SAW ARBOR MOTORS

TEFC

Single and double shaft end available. These intermittent duty motors are suitable for a wide range of applications such as circular saws, pendulum saws, polishing machines, among others.



Features that make a difference:

- Reinforced cast iron frame
- Low profile

Standard Features:

- Class F insulation (Impregnation Resin and magnet Wire are class H)
- Ball bearings
- PG threaded terminal boxes

TEFC – Three-Phase – Right-Hand Thread

HP	kW	RPM	Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL Eff (%)	“C” Dimension (in)	Voltage (V)	Notes
3	2.2	3600	80S	00336ES3ESA80SR	\$969	01	93	1.00	4.29	80.5	18.543	208-230/460	39
5	3.7	3600	80M	00536ES3ESA80MR	\$1,160	01	109	1.00	6.65	85.0	20.512	208-230/460	39
		1800	90L	00518ES3ESA90LR	\$1,701	01	163	1.00	7.03	84.5	26.476	208-230/460	39
7.5	5.5	3600	80L	00736ES3ESA80LR	\$1,642	01	132	1.00	9.76	87.4	22.480	208-230/460	39
		3600	80L	00736ES3HSA80LR	\$1,642	01	133	1.00	7.81	87.4	22.480	575	39
		1800	90L	00718ES3ESA90LR	\$1,855	01	179	1.00	10.1	85.3	26.476	208-230/460	39
10	7.5	3600	90L	01036ES3ESA90LR	\$1,953	01	178	1.00	12.3	85.0	26.476	208-230/460	39
		3600	90L	01036ES3HSA90LR	\$1,953	01	179	1.00	9.84	85.0	26.476	575	39
		1800	90L	01018ES3ESA90LR	\$2,176	01	192	1.00	14.7	85.5	26.476	208-230/460	39

TEFC – Three-Phase – Left-Hand Thread

HP	kW	RPM	Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL Eff (%)	“C” Dimension (in)	Voltage (V)	Notes
3	2.2	3600	80S	00336ES3ESA80SL	\$969	01	93	1.00	4.29	80.5	18.543	208-230/460	39
5	3.7	3600	80M	00536ES3ESA80ML	\$1,160	01	109	1.00	6.65	85.0	20.512	208-230/460	39
		1800	90L	00518ES3ESA90LL	\$1,701	01	163	1.00	7.03	84.5	26.476	208-230/460	39
7.5	5.5	3600	80L	00736ES3ESA80LL	\$1,642	01	132	1.00	9.76	87.4	22.480	208-230/460	39
		3600	80L	00736ES3HSA80LL	\$1,642	01	134	1.00	7.81	87.4	22.480	575	39
		1800	90L	00718ES3ESA90LL	\$1,855	01	177	1.00	10.1	85.3	26.476	208-230/460	39
10	7.5	3600	90L	01036ES3ESA90LL	\$1,953	01	178	1.00	12.3	85.0	26.476	208-230/460	39
		3600	90L	01036ES3HSA90LL	\$1,953	01	180	1.00	9.84	85.0	26.476	575	39
		1800	90L	01018ES3ESA90LL	\$2,176	01	192	1.00	14.7	85.5	26.476	208-230/460	39

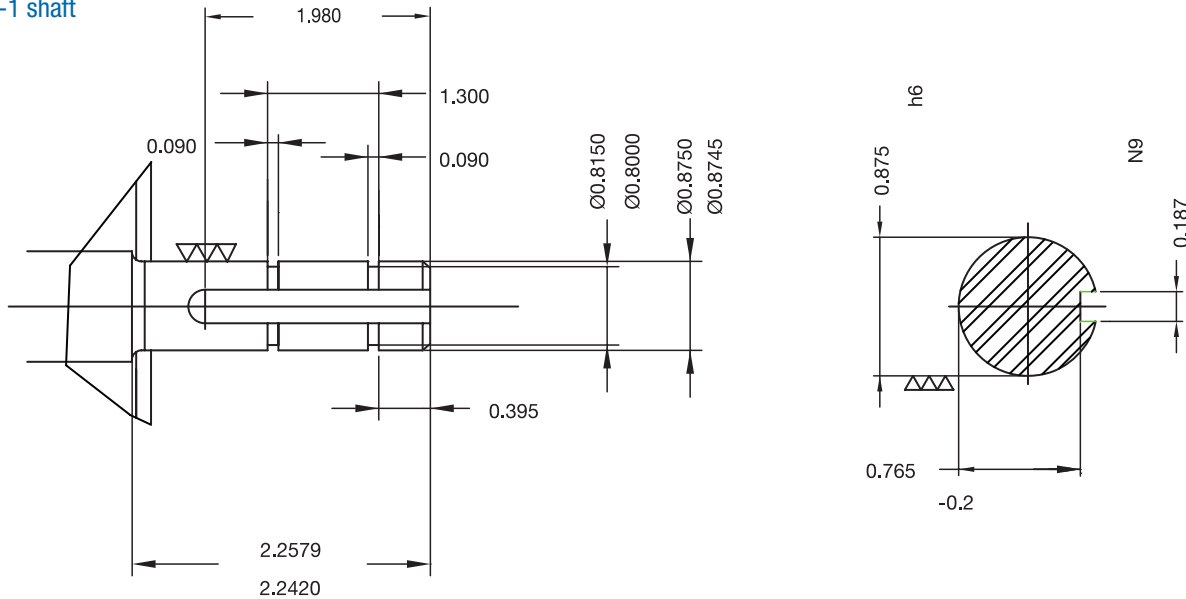


SOOT BLOWER MOTORS

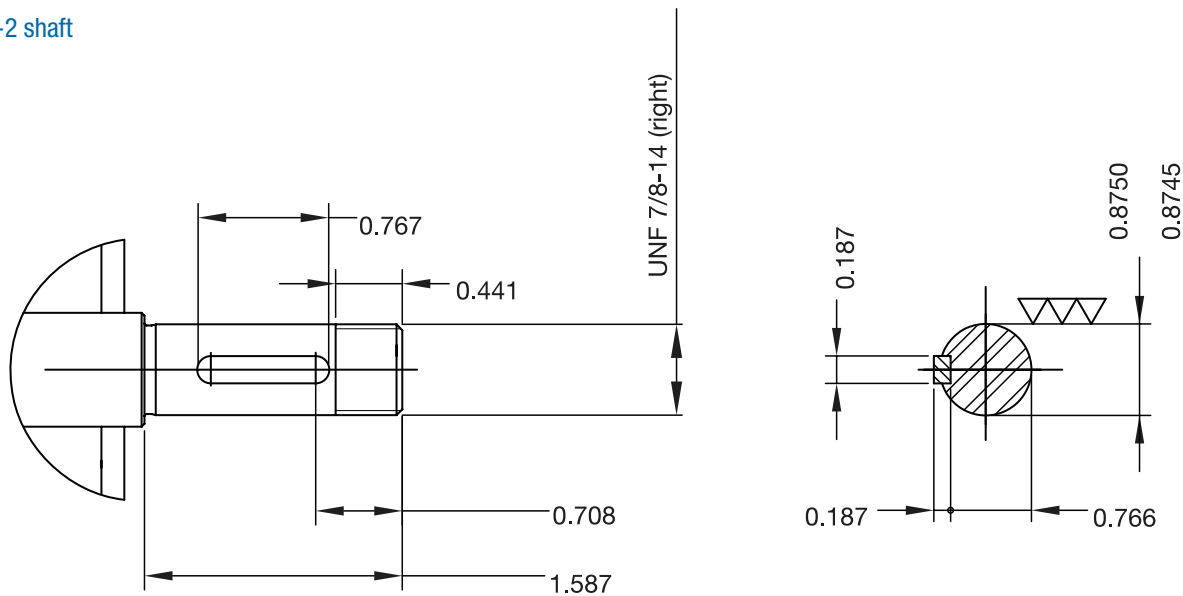
TEFC – C-Face – Footless

HP	kW	RPM	Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL. Eff (%)	"C" Dimension (in)	Voltage (V)	Notes
1.5	1.1	1800	143/5TCZ	00158ET3ESB145TCZ1-S	\$1,489	RSP	43	1.15	2.20	86.5	13.583	230/460	9;20
2	1.5	1800	143/5TCZ	00218ET3ESB145TCZ1-S	\$1,612	RSP	47	1.15	2.70	86.5	13.976	230/460	9;20
		1800	143/5TCZ	00218ET3ESB145TCZ2-S	\$1,612	RSP	47	1.15	2.70	86.5	14.049	230/460	9;20

Type -1 shaft



Type -2 shaft



Please refer to back cover for description of "NOTES"

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