

**Three Phase,  
Totally Enclosed,  
460 & 230/460 Volts,  
Foot Mounted**

**1 thru 400 Hp**

**NEMA 143T thru 449T**



**Applications:** Petro-chemical plants, mines, foundries, pulp and paper plants, waste management facilities, chemical plants, tropical climates and other processing industry applications requiring protection against corrosion caused by severe environmental operating conditions.

**Features:** ECP motors are XEX designs. 1.15 Service Factor, corrosion resistant epoxy finish, regreasable ball or roller bearings, oversized rotatable cast iron conduit box, cast iron frames, V-Ring shaft seal, moisture resistant copper windings, Class F insulation, stainless steel nameplate and corrosion resistant hardware. ECP/XEX Super-E® motors have NEMA Premium® efficiency and 3 year warranty. Positive lubrication system (PLS) on 360 frames and larger.

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1	3600	143T	TEFC	ECP3580T	950	SD	12.88	53	84	208-230/460	1.4	1
		143T	TEFC	ECP3580T-4	950	SD	12.88	53	84	460	1.4	1
		143T	TENV	ENCP3580T-4	994	SD	11.38	56	84	460	1.3	1
	1800	143T	TEFC	ECP3581T	1,044	SD	12.88	64	87.5	208-230/460	1.5	1
		143T	TEFC	ECP3581T-4	1,044	SD	12.88	58	87.5	460	1.5	1
		143T	TENV	ENCP3581T-4	1,087	SD	11.36	58	87.5	460	1.5	1
1200	145T	TEFC	ECP3582T	1,153	SD	12.88	68	82.5	208-230/460	1.8	1	
	145T	TEFC	ECP3582T-4	1,153	SD	12.88	69	82.5	460	1.8	1	
900	184T	TEFC	ECP3687T-4	1,619	SD	15.93	101	78.5	460	2	1	
1 1/2	3600	143T	TEFC	ECP3583T	1,080	SD	12.88	58	85.5	208-230/460	2	1
		143T	TEFC	ECP3583T-4	1,080	SD	12.88	58	85.5	460	2	1
	1800	145T	TEFC	ECP3584T	1,063	SD	12.88	69	88.5	208-230/460	2.1	1
		145T	TEFC	ECP3584T-4	1,063	SD	12.88	72	88.5	460	2.1	1
	1200	182T	TEFC	ECP3667T	1,349	SD	15.93	110	87.5	208-230/460	2.5	1
		182T	TEFC	ECP3667T-4	1,349	SD	15.93	99	87.5	460	2.5	1
900	184T	TEFC	ECP3668T-4	2,015	SD	15.93	105	80	460	3.2	1	
2	3600	145T	TEFC	ECP3586T	1,130	SD	12.88	74	86.5	208-230/460	2.5	1
		145T	TEFC	ECP3586T-4	1,130	SD	12.88	74	86.5	460	2.5	1
	1800	145T	TEFC	ECP3587T	1,110	SD	12.88	64	88.5	208-230/460	2.8	1
		145T	TEFC	ECP3587T-4	1,110	SD	12.88	67	88.5	460	2.8	1
	1200	184T	TEFC	ECP3664T	1,366	SD	15.93	121	88.5	230/460	3.2	1
		184T	TEFC	ECP3664T-4	1,366	SD	15.93	120	88.5	460	3.2	1
900	213T	TEFC	ECP3772T-4	2,541	SD	19.50	179	85.5	460	3.8	1	
3	3600	182T	TEFC	ECP3660T	1,336	SD	15.93	99	88.5	230/460	3.4	1, 30
		182T	TEFC	ECP3660T-4	1,336	SD	15.93	98	88.5	460	3.4	1
	1800	182T	TEFC	ECP3661T	1,404	SD	15.93	110	90.2	230/460	4.2	1, 30
		182T	TEFC	ECP3661T-4	1,404	SD	15.93	106	90.2	460	4.1	1
	1200	213T	TEFC	ECP3764T	1,971	SD	19.50	185	90.2	230/460	4.5	1, 30
		213T	TEFC	ECP3764T-4	1,971	SD	19.50	209	89.5	460	4.5	1
900	215T	TEFC	ECP3775T-4	2,755	SD	19.50	203	85.5	460	5.2	1	
5	3600	184T	TEFC	ECP3663T	1,644	SD	15.93	110	90.2	230/460	5.7	1, 30
		184T	TEFC	ECP3663T-4	1,644	SD	15.93	108	89.5	460	5.7	1
	1800	184T	TEFC	ECP3665T	1,429	SD	15.93	125	89.5	208-230/460	6.6	1
		184T	TEFC	ECP3665T-4	1,429	SD	15.93	125	89.5	460	6.6	1
	1200	215T	TEFC	ECP3768T	1,998	SD	19.50	212	90.2	230/460	7.3	1, 30
		215T	TEFC	ECP3768T-4	1,998	SD	19.50	227	90.2	460	7.3	1
900	254T	TEFC	ECP2280T-4	4,385	SD	24.69	299	87.5	460	8.4	1	

(a) See notes on inside back flap.

All ratings are 1.15 service factor at 40°C ambient. All ratings meet 50°C ambient at 1.00 service factor and weatherproof intent of IEEE 45 and USCG 259 marine duty (below deck).

**FOR OTHER 208-230/460 VOLT REQUIREMENTS, PLEASE SEE DIRTY DUTY MOTORS ON PAGE 46.**

■ Cast Iron Frame

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

Three Phase, Totally Enclosed, 460 & 230/460 Volts, Foot Mounted

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)		
Single Phase Motors	7 1/2	3600	213T	TEFC	ECP3769T	2,145	SD	19.32	169	91.7	230/460	8.6	1	
			213T	TEFC	ECP3769T-4	2,145	SD	19.50	173	91.7	460	8.6	1	
		1800	213T	TEFC	ECP3770T	1,799	SD	19.50	170	91.7	230/460	9.5	1	
			213T	TEFC	ECP3770T-4	1,799	SD	19.50	170	91.7	460	9.5	1	
		1200	254T	TEFC	ECP2276T	2,858	SD	24.69	335	91.7	230/460	10.7	1, 30	
	254T		TEFC	ECP2276T-4	2,858	SD	24.69	337	91.7	460	10.7	1		
	General Purpose Industrial Motors	10	3600	215T	TEFC	ECP3771T	2,284	SD	19.50	203	92.4	230/460	11	1
				215T	TEFC	ECP3771T-4	2,284	SD	19.50	215	92.4	460	11	1
			1800	215T	TEFC	ECP3774T	2,154	SD	19.50	231	92.4	230/460	12.5	1
				215T	TEFC	ECP3774T-4	2,154	SD	19.50	211	92.4	460	12.5	1
1200			256T	TEFC	ECP2332T	3,713	SD	24.69	322	91.7	230/460	14.2	1, 30	
		256T	TEFC	ECP2332T-4	3,713	SD	24.69	347	91.7	460	14.2	1		
Severe Duty Motors		15	3600	254T	TEFC	ECP2294T	2,922	SD	24.69	272	91.7	230/460	17.2	1, 30
				254T	TEFC	ECP2394T-4	2,922	SD	24.69	297	91.7	460	17.2	1
			1800	254T	TEFC	ECP2333T	2,745	SD	24.69	255	92.4	230/460	18.5	1, 30
				254T	TEFC	ECP2333T-4	2,745	SD	24.69	255	92.4	460	18.5	1
	1200		284T	TEFC	ECP4100T	4,257	SD	27.93	429	93	230/460	19.7	1, 30	
Large AC Motors	20	3600	284T	TEFC	ECP4100T-4	4,257	SD	27.93	429	93	460	19.8	1	
			286T	TEFC	ECP2395T-4	7,807	SD	27.93	479	90.2	460	21.5	1	
		1800	256T	TEFC	ECP4106T	3,408	SD	24.69	265	92.4	230/460	22	1, 30	
			256T	TEFC	ECP4106T-4	3,408	SD	24.69	265	92.4	460	23	1	
		1200	256T	TEFC	ECP2334T	2,944	SD	24.69	303	93	230/460	24	1, 30	
	256T		TEFC	ECP2334T-4	2,944	SD	24.69	333	93	460	24	1		
	Washdown Duty Motors	25	3600	286T	TEFC	ECP4102T	5,784	SD	27.93	480	93	230/460	26	1
				286T	TEFC	ECP4102T-4	5,784	SD	27.93	455	93	460	26	1
			1800	324T	TEFC	ECP4112T-4	8,900	SD	30.27	600	91	460	28	1
				284TS	TEFC	ECP4107T	4,096	SD	24.66	354	92.4	230/460	27	1, 30
284TS			TEFC	ECP4107T-4	4,096	SD	26.09	305	93	460	28	1		
Explosion Proof Motors	30	3600	284T	TEFC	ECP4103T	3,852	SD	27.93	395	93.6	230/460	30	1, 30	
			284T	TEFC	ECP4103T-4	3,852	SD	27.93	437	93.6	460	30	1	
		1800	324T	TEFC	ECP4111T	6,044	SD	30.27	605	93	230/460	32	1, 30	
			324T	TEFC	ECP4111T-4	6,044	SD	30.27	605	93	460	32	1	
		1200	286TS	TEFC	ECP4108T	4,993	SD	26.56	385	93	230/460	33	1	
	286TS		TEFC	ECP4108T-4	4,993	SD	26.56	385	93	460	33	1		
	286T		TEFC	ECP4104T	4,574	SD	27.93	459	94.1	230/460	36	1, 30		
	Pump Motors	40	3600	286T	TEFC	ECP4104T-4	4,574	SD	27.93	475	94.1	460	36	1
				326T	TEFC	ECP4117T	7,791	SD	30.27	640	93	230/460	39	1, 30
			326T	TEFC	ECP4117T-4	7,791	SD	30.27	640	93	460	39	1	
1800			324TS	TEFC	ECP4109T	6,859	SD	28.66	528	93.6	230/460	45	1	
			324TS	TEFC	ECP4109T-4	6,859	SD	28.66	569	93	460	46	1	
1200		324T	TEFC	ECP4110T	5,984	SD	30.27	605	94.5	230/460	46	1, 30		
		324T	TEFC	ECP4110T-4	5,984	SD	30.27	595	94.5	460	46	1		
		364T	TEFC	ECP4308T	9,710	SD	33.44	900	94.1	230/460	49.4	1		
Light Industrial/Commercial Motors		50	3600	364T	TEFC	ECP4308T-4	9,710	SD	33.44	900	94.1	460	49.4	1
				326TS	TEFC	ECP4114T	7,188	SD	28.66	619	94.1	230/460	56	1, 30
	326TS		TEFC	ECP4114T-4	7,188	SD	28.66	610	94.1	460	56	1		
	1800		326T	TEFC	ECP4115T	7,024	SD	30.27	641	94.5	230/460	57	1, 30	
			326T	TEFC	ECP4115T-4	7,024	SD	30.27	622	94.5	460	57	1	
1200	365T	TEFC	ECP4312T	10,343	SD	33.44	908	94.1	230/460	61.7	1			
365T	TEFC	ECP4312T-4	10,343	SD	33.44	899	94.1	460	61.7	1				

(a) See notes on inside back flap.

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**FOR OTHER 208-230/460 VOLT REQUIREMENTS, PLEASE SEE DIRTY DUTY MOTORS ON PAGE 46.**

■ Cast Iron Frame

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

Three Phase, Totally Enclosed, 460 & 230/460 Volts, Foot Mounted

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
60	3600	364TS	TEFC	ECP4310T	10,431	SD	31.31	897	95	230/460	65.1	1
		364TS	TEFC	ECP4310T-4	10,431	SD	31.31	913	95	460	65.1	1
	1800	364T	TEFC	ECP4314T	9,414	SD	33.44	902	95	230/460	68	1
		364T	TEFC	ECP4314T-4	9,414	SD	33.44	941	95	460	68	1
	1200	404T	TEFC	ECP4403T	14,128	SD	38.31	1329	95	230/460	69	1
		404T	TEFC	ECP4403T-4	14,128	SD	38.31	1310	95	460	69	1
75	3600	365TS	TEFC	ECP4313T	11,661	SD	31.31	925	95	230/460	80.7	1
		365TS	TEFC	ECP4313T-4	11,661	SD	31.31	976	95	460	80.7	1
	1800	365T	TEFC	ECP4316T	11,000	SD	33.44	958	95.4	230/460	85.9	1
		365T	TEFC	ECP4316T-4	11,000	SD	33.44	951	95.4	460	85.9	1
	1200	405T	TEFC	ECP4404T	17,194	SD	38.31	1321	95	230/460	86.9	1
		405T	TEFC	ECP4404T-4	17,194	SD	38.31	1295	95	460	86.9	1
100	3600	405TS	TEFC	ECP4402T	14,657	SD	35.31	1300	95	230/460	110	1
		405TS	TEFC	ECP4402T-4	14,657	SD	35.31	1305	95	460	110	1
	1800	405T	TEFC	ECP4400T-4	14,439	SD	38.31	1337	95.4	460	112	1
		405TS	TEFC	ECP4400TS-4	14,439	SD	35.31	1341	95.4	460	112	1
	1200	444T	TEFC	ECP4409T-4	18,912	SD	44.75	1625	95	460	119	1
		444T	TEFC	ECP4409T-4E	18,912	SD	44.62	1670	95	460	115	1,56
		444T	TEFC	ECP4909T-4	18,912	SD	44.75	1625	95	460	119	1,99
125	3600	444TS	TEFC	ECP4412T	17,223	SD	40.98	1654	95	230/460	138	1
		444TS	TEFC	ECP4412T-4	17,223	SD	40.98	1539	95	460	137	1
		444TS	TEFC	ECP4412T-4E	17,223	SD	40.88	1654	95.4	460	137	1,56
		444TS	TEFC	ECP4912T	17,223	SD	40.98	1654	95	230/460	138	1,99
		444TS	TEFC	ECP4912T-4	17,223	SD	40.98	1539	95	460	137	1,99
	1800	444T	TEFC	ECP4410T-4	17,070	SD	44.75	1669	95.4	460	144	1
		444T	TEFC	ECP4410T-4E	17,070	SD	44.62	1670	95.8	460	139	1,56
		444T	TEFC	ECP4910T-4	17,070	SD	44.75	1669	95.4	460	144	1,99
	1200	445T	TEFC	ECP4411T-4	21,365	SD	44.75	1874	95	460	146	1
		445T	TEFC	ECP4411T-4E	21,365	SD	44.62	1860	95.4	460	143	1,56
		445T	TEFC	ECP4911T-4	21,365	SD	44.75	1874	95	460	146	1,99
150	3600	445TS	TEFC	ECP4413T-4	20,191	SD	40.98	1901	96.2	460	164	1
		445TS	TEFC	ECP4413T-4E	20,191	SD	40.88	1844	96.2	460	164	1,56
	1800	445T	TEFC	ECP4406T-4	19,997	SD	44.75	1826	95.8	460	169	1
		445T	TEFC	ECP4406T-4E	19,997	SD	44.62	1860	96.2	460	165	1,56
		445T	TEFC	ECP4906T-4	19,997	SD	44.75	1826	95.8	460	169	1,99
	1200	447T	TEFC	ECP44156T-4	24,088	SD	48.24	2000	95.8	460	170	1
		447T	TEFC	ECP44156T-4E	24,088	SD	48.40	2027	95.8	460	174	1,56
		447T	TEFC	ECP49156T-4	24,088	SD	48.24	2000	95.8	460	170	1,99
		447T	TEFC	ECP44156TR-4	25,315	SD	48.24	3039	95.8	460	170	1,5
			447T	TEFC	ECP49156TR-4	25,315	SD	48.24	3039	95.8	460	170
200	3600	445TS	TEFC	ECP44202T-4E	23,908	SD	40.87	1990	96.2	460	222	1,56
		447TS	TEFC	ECP4416T-4	23,908	SD	44.48	2029	96.2	460	213	1
		447TS	TEFC	ECP4916T-4	23,908	SD	44.48	2029	96.2	460	213	1,99
	1800	447T	TEFC	ECP4407T-4	24,056	SD	48.24	2545	96.2	460	223	1
		447T	TEFC	ECP4407T-4E	24,056	SD	48.40	2455	96.2	460	221	1,56
		447T	TEFC	ECP4407TR-4	25,282	SD	48.24	2897	96.2	460	223	1,5
		447TS	TEFC	ECP4407TS-4	24,056	SD	44.48	2589	96.2	460	223	1
		447T	TEFC	ECP4907T-4	24,056	SD	48.24	2545	96.2	460	223	1,99
		447T	TEFC	ECP4907TR-4	25,282	SD	48.24	2897	96.2	460	223	1,5,99
		447TS	TEFC	ECP4907TS-4	24,056	SD	44.48	2589	96.2	460	223	1,99
	1200	449T	TEFC	ECP44206T-4	31,553	SD	53.24	3120	95.8	460	225	1
		449T	TEFC	ECP44206TR-4	32,779	SD	53.24	2972	95.8	460	225	1,5
		449T	TEFC	ECP49206T-4	31,553	SD	53.24	3120	95.8	460	225	1,99
		449T	TEFC	ECP49206TR-4	32,779	SD	53.24	2972	95.8	460	225	1,5,99

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Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
250	3600	449TS	TEFC	<a href="#">ECP44252T-4</a>	36,560	SD	49.48	2696	95.8	460	269	1
		449TS	TEFC	<a href="#">ECP49252T-4</a>	36,560	SD	49.48	2696	95.8	460	269	1, 99
	1800	449T	TEFC	<a href="#">ECP4408T-4</a>	30,527	SD	53.24	2972	96.2	460	276	1
		449T	TEFC	<a href="#">ECP4408T-4E</a>	30,527	SD	53.40	2694	96.2	460	272	1, 56
		449T	TEFC	<a href="#">ECP4408TR-4</a>	31,753	SD	53.24	3048	96.2	460	276	1, 5
		449T	TEFC	<a href="#">ECP4908T-4</a>	30,527	SD	53.24	2972	96.2	460	276	1, 99
		449T	TEFC	<a href="#">ECP4908TR-4</a>	31,753	SD	53.24	3048	96.2	460	276	1, 5, 99
		449T	TEFC	<a href="#">ECP44256T-4</a>	44,018	SD	53.24	3125	96.2	460	283	1
	1200	449T	TEFC	<a href="#">ECP44256TR-4</a>	45,244	SD	53.24	3125	95.8	460	287	1, 5
		449T	TEFC	<a href="#">ECP49256T-4</a>	44,018	SD	53.24	3125	96.2	460	283	1, 99
		449T	TEFC	<a href="#">ECP49256TR-4</a>	45,244	SD	53.24	3125	95.8	460	287	1, 5, 99
	300	3600	449TS	TEFC	<a href="#">ECP44302T-4</a>	53,433	SD	49.48	2595	96.2	460	318
449TS			TEFC	<a href="#">ECP49302T-4</a>	53,433	SD	49.48	2595	96.2	460	318	1, 99
1800		449T	TEFC	<a href="#">ECP44304T-4</a>	42,075	SD	53.24	3092	96.2	460	334	1
		449T	TEFC	<a href="#">ECP44304TR-4</a>	43,302	SD	53.24	3135	96.2	460	334	1, 5
		449T	TEFC	<a href="#">ECP49304T-4</a>	42,075	SD	53.24	3092	96.2	460	334	1, 99
		449T	TEFC	<a href="#">ECP49304TR-4</a>	43,302	SD	53.24	3135	96.2	460	334	1, 5, 99
1200		L449T	TEFC	<a href="#">ECP49306T-4</a>	44,454	SD	60.13	3229	95.4	460	341	1, 99
3600		449TS	TEFC	<a href="#">ECP44352T-4</a>	64,135	SD	49.48	2855	95.8	460	370	1
		449TS	TEFC	<a href="#">ECP49352T-4</a>	64,135	SD	49.48	2855	95.8	460	370	1, 99
1800		L449T	TEFC	<a href="#">ECP49354T-4</a>	50,488	SD	60.21	3569	96.2	460	384	1, 99
400	3600	449TS	TEFC	<a href="#">ECP44402T-4</a>	75,034	SD	49.48	3149	96.2	460	421	1
		449TS	TEFC	<a href="#">ECP49402T-4</a>	75,034	SD	49.48	3149	96.2	460	421	1, 99
1800	L449T	TEFC	<a href="#">ECP49404T-4</a>	63,060	SD	60.21	3744	96.2	460	438	1, 64, 99	

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Single Phase Motors  
General Purpose Industrial Motors  
Severe Duty Motors  
Large AC Motors  
Washdown Duty Motors  
Explosion Proof Motors  
Pump Motors  
Light Industrial/Commercial Motors  
HVAC Motors

**Super-E,  
Three Phase,  
TEFC, 575 Volts,  
Foot Mounted**



**1 thru 200 Hp**

**NEMA 143T thru 447T**

**Applications:** Petro-chemical plants, mines, foundries, pulp and paper plants, waste management facilities, chemical plants, tropical climates and other processing industry applications requiring protection against corrosion caused by severe environmental operating conditions.

**Features:** ECP motors are XEX Designs. 1.15 Service Factor, corrosion resistant epoxy finish, regreasable ball or roller bearings, oversized rotatable cast iron conduit box, cast iron frames, V-Ring shaft seal, moisture resistant copper windings, Class F insulation, stainless steel nameplate and corrosion resistant hardware. ECP/XEX Super-E® motors have NEMA Premium® efficiency and 3 year warranty. Positive lubrication system (PLS) on 360 frame and larger.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1	1800	143T	ECP3581T-5	1,044	SD	12.88	65	87.5	575	1.2	1
1 1/2	1800	145T	ECP3584T-5	1,063	SD	12.88	63	88.5	575	1.7	1
2	1800	145T	ECP3587T-5	1,110	SD	12.88	75	88.5	575	2.3	1
3	1800	182T	ECP3661T-5	1,404	SD	15.93	106	90.2	575	3.4	1
	1200	213T	ECP3764T-5	1,971	SD	19.50	211	90.2	575	3.6	1
5	1800	184T	ECP3665T-5	1,429	SD	15.93	121	89.5	575	5.3	1
	1200	215T	ECP3768T-5	1,998	SD	19.50	196	90.2	575	5.8	1
7 1/2	1800	213T	ECP3770T-5	1,799	SD	19.50	170	91.7	575	7.5	1
	1200	254T	ECP2276T-5	2,858	SD	24.69	302	91.7	575	8.7	1
10	1800	215T	ECP3774T-5	2,154	SD	19.50	231	92.4	575	10	1
	1200	256T	ECP2332T-5	3,713	SD	24.69	322	91.7	575	11.5	1
15	1800	254T	ECP2333T-5	2,745	SD	24.69	297	92.4	575	14.8	1
	1200	284T	ECP4100T-5	4,257	SD	27.93	429	93	575	15.9	1
20	1800	256T	ECP2334T-5	2,944	SD	24.69	303	93	575	19.2	1
	1200	286T	ECP4102T-5	5,784	SD	27.93	478	93	575	20.6	1
25	1800	284T	ECP4103T-5	3,852	SD	27.93	395	93.6	575	23.9	1
	1200	324T	ECP4111T-5	6,044	SD	30.27	605	93	575	25.7	1
30	1800	286T	ECP4104T-5	4,574	SD	27.93	465	94.1	575	29	1
40	1800	324T	ECP4110T-5	5,984	SD	30.27	599	94.5	575	36.8	1
50	1800	326T	ECP4115T-5	7,024	SD	30.27	625	94.5	575	45.6	1
60	1800	364T	ECP4314T-5	9,414	SD	33.44	841	95	575	54.4	1
75	1800	365T	ECP4316T-5	11,000	SD	33.44	942	95.4	575	68.7	1
100	1800	405T	ECP4400T-5	14,439	SD	38.03	1286	95.4	575	89.6	1
125	1800	444T	ECP4410T-5	17,070	SD	44.75	1669	95.4	575	115	1
		444T	ECP4410T-5E	17,070	SD	44.62	1670	95.4	575	112	1, 56
		444T	ECP4910T-5	17,070	SD	44.75	1669	95.4	575	115	1, 99
150	1800	445T	ECP4406T-5	19,997	SD	44.75	1826	95.8	575	135	1
		445T	ECP4406T-5E	19,997	SD	44.62	1860	96.2	575	132	1, 56
		445T	ECP4906T-5	19,997	SD	44.75	1826	95.8	575	135	1, 99
200	1800	447T	ECP4407T-5	24,056	SD	48.24	2676	96.2	575	178	1
		447T	ECP4907T-5	24,056	SD	48.24	2676	96.2	575	178	1, 99

(a) See notes on inside back flap.

All ratings are 1.15 service factor at 40°C ambient. All ratings meet 50°C ambient at 1.00 service factor and weatherproof intent of IEEE 45 and USCG 259 marine duty (below deck).

■ Cast Iron Frame

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

BALDOR • RELIANCE®

**Three Phase,  
Totally Enclosed,  
460 & 230/460 Volts,  
C-Face**

**1 thru 50 Hp**

**NEMA 56C thru 326TC**

**Applications:** Petro-chemical plants, mines, foundries, pulp and paper plants, waste management facilities, chemical plants, tropical climates and other processing industry applications requiring protection against corrosion caused by severe environmental operating conditions.

**Features:** 1.15 Service Factor, corrosion resistant epoxy finish, regreasable ball or roller bearings, oversized rotatable cast iron conduit box, cast iron frames, V-Ring shaft seal, moisture resistant copper windings, Class F insulation, stainless steel nameplate and corrosion resistant hardware. VECP motors have a drip cover. VECP and CECP motors have XEX features. VECP and CECP/XEX Super-E® motors have NEMA Premium® efficiency and 3 year warranty.



Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)	
<b>C-Face, Foot Mounted</b>													
1	1800	143TC	TEFC	CECP3581T	1,099	SD	13.38	58	87.5	208-230/460	1.5	1	
1 1/2	1800	145TC	TEFC	CECP3584T	1,121	SD	13.38	72	88.5	208-230/460	2.1	1	
2	1800	145TC	TEFC	CECP3587T	1,166	SD	13.38	76	88.5	208-230/460	2.8	1	
3	3600	182TC	TEFC	CECP3660T	1,436	SD	16.68	106	88.5	230/460	3.4	1, 30	
	1800	182TC	TEFC	CECP3661T	1,505	SD	16.68	100	89.5	208-230/460	4.1	1	
5	3600	184TC	TEFC	CECP3663T	1,744	SD	16.68	118	90.2	230/460	5.7	1, 30	
	1800	184TC	TEFC	CECP3665T	1,529	SD	16.68	125	89.5	208-230/460	6.6	1	
7 1/2	3600	213TC	TEFC	CECP3769T	2,345	SD	20.24	173	91.7	230/460	8.6	1	
	1800	213TC	TEFC	CECP3770T	2,000	SD	20.24	170	91.7	230/460	9.5	1	
10	3600	215TC	TEFC	CECP3771T	2,482	SD	20.24	203	92.4	230/460	11	1, 30	
	1800	215TC	TEFC	CECP3774T	2,354	SD	20.24	231	92.4	230/460	12.5	1	
15	3600	254TC	TEFC	CECP2294T	3,505	SD	25.19	239	91.7	230/460	17.2	1, 30	
	1800	254TC	TEFC	CECP2333T	3,344	SD	25.19	297	92.4	230/460	18.5	1, 30	
20		3600	256TC	TEFC	CECP4106T	3,991	SD	25.19	265	92.4	230/460	22	1, 30
	256TC		TEFC	CECP2334T	3,544	SD	25.19	303	93	230/460	24	1, 30	
	256TC		TEFC	CECP2334T-4	3,544	SD	25.19	336	93	460	24	1	
25	3600	284TSC	TEFC	CECP4107T	4,868	SD	26.10	299	92.4	230/460	27	1, 30	
		284TC	TEFC	CECP4103T-4	4,684	SD	27.93	422	93.6	460	30.5	1	
		286TC	TEFC	CECP4103T	4,684	SD	27.93	399	93.6	230/460	30	1, 30	
30	3600	286TSC	TEFC	CECP4108T	5,766	SD	26.62	385	93	230/460	33	1	
		286TC	TEFC	CECP4104T	5,406	SD	27.93	475	94.1	230/460	36	1, 30	
		286TC	TEFC	CECP4104T-4	5,406	SD	27.93	460	93.6	460	35	1	
40	3600	324TSC	TEFC	CECP4109T	7,751	SD	28.66	528	93.6	230/460	45	1	
		324TC	TEFC	CECP4110T	6,901	SD	30.16	599	94.5	230/460	46	1, 30	
50	3600	326TSC	TEFC	CECP4114T	8,079	SD	28.66	587	94.1	230/460	56	1, 30	
		326TC	TEFC	CECP4115T	7,941	SD	30.16	625	94.5	230/460	57	1, 30	
<b>C-Face, Footless</b>													
1	3600	56C	TEFC	VECP3580-4	1,001	SD	14.50	53	84	460	1.4	1	
		1800	56C	TEFC	VECP3581	1,094	SD	14.50	66	87.5	208-230/460	1.5	1
			56C	TEFC	VECP3581-4	1,094	SD	14.50	58	87.5	460	1.5	1
			143TC	TEFC	VECP3581T	1,094	SD	14.56	67	87.5	208-230/460	1.5	1
			143TC	TEFC	VECP3581T-4	1,094	SD	14.57	58	87.5	460	1.5	1
1 1/2	3600	145TC	TEFC	VECP3582T	1,205	SD	14.56	69	82.5	208-230/460	1.8	1	
		1800	143TC	TEFC	VECP3583T-4	1,129	SD	14.57	67	85.5	460	2	1
			145TC	TEFC	VECP3584T	1,112	SD	14.56	63	88.5	208-230/460	2.1	1
			145TC	TEFC	VECP3584T-4	1,112	SD	14.56	70	88.5	460	2.1	1
			182TC	TEFC	VECP3667T	1,431	SD	16.98	99	87.5	208-230/460	2.5	1

(a) See notes on inside back flap.

All ratings are 1.15 service factor at 40°C ambient. All ratings meet 50°C ambient at 1.00 service factor and weatherproof intent of IEEE 45 and USCG 259 marine duty (below deck).

■ Cast Iron Frame

General Information  
Single Phase Motors  
General Purpose Industrial Motors  
Severe Duty Motors  
Large AC Motors  
Washdown Duty Motors  
Explosion Proof Motors  
Pump Motors  
Light Industrial/Commercial Motors  
HVAC Motors

**Three Phase, Totally Enclosed, 460 & 230/460 Volts, C-Face**

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
2	3600	145TC	TEFC	<b>VECP3586T-4</b>	1,182	SD	14.56	74	86.5	460	2.5	1
	1800	145TC	TEFC	<b>VECP3587T</b>	1,158	SD	14.57	75	88.5	208-230/460	2.8	1
		145TC	TEFC	<b>VECP3587T-4</b>	1,158	SD	14.57	75	88.5	460	2.8	1
	1200	184TC	TEFC	<b>VECP3664T</b>	1,451	SD	16.98	113	88.5	230/460	3.2	1
3	3600	182TC	TEFC	<b>VECP3660T-4</b>	1,419	SD	16.98	99	88.5	460	3.4	1
	1800	182TC	TEFC	<b>VECP3661T</b>	1,487	SD	16.98	106	90.2	230/460	4.2	1
		182TC	TEFC	<b>VECP3661T-4</b>	1,487	SD	16.98	106	90.2	460	4.1	1
	1200	213TC	TEFC	<b>VECP3764T</b>	2,140	SD	21.41	165	90.2	230/460	4.5	1, 30
5	3600	184TC	TEFC	<b>VECP3663T-4</b>	1,727	SD	16.98	108	89.5	460	5.7	1
	1800	184TC	TEFC	<b>VECP3665T</b>	1,513	SD	16.98	120	89.5	208-230/460	6.6	1
		184TC	TEFC	<b>VECP3665T-4</b>	1,513	SD	16.98	125	89.5	460	6.6	1
	1200	215TC	TEFC	<b>VECP3768T</b>	2,165	SD	21.41	225	90.2	230/460	7.3	1, 30
7 1/2	3600	213TC	TEFC	<b>VECP3769T-4</b>	2,313	SD	21.41	173	91.7	460	8.6	1
	1800	213TC	TEFC	<b>VECP3770T</b>	1,966	SD	21.41	170	91.7	230/460	9.5	1
		213TC	TEFC	<b>VECP3770T-4</b>	1,966	SD	21.41	170	91.7	460	9.5	1
	1200	254TC	TEFC	<b>VECP2276T</b>	3,392	SD	27.69	310	91.7	230/460	10.7	1, 30
10	3600	215TC	TEFC	<b>VECP3771T-4</b>	2,450	SD	21.41	203	92.4	460	11	1
	1800	215TC	TEFC	<b>VECP3774T</b>	2,322	SD	21.41	231	92.4	230/460	12.5	1
		215TC	TEFC	<b>VECP3774T-4</b>	2,322	SD	21.41	231	92.4	460	12.5	1
	1200	256TC	TEFC	<b>VECP2332T</b>	4,246	SD	27.69	320	91.7	230/460	14.2	1, 30
15	1800	254TC	TEFC	<b>VECP2333T</b>	3,279	SD	27.69	255	92.4	230/460	18.5	1, 30
		254TC	TEFC	<b>VECP2333T-4</b>	3,279	SD	27.69	255	92.4	460	18.5	1
	1200	284TC	TEFC	<b>VECP4100T</b>	5,006	SD	30.68	429	93	230/460	19.7	1, 30
20	1800	256TC	TEFC	<b>VECP2334T</b>	3,476	SD	27.69	331	93	230/460	24	1, 30
		256TC	TEFC	<b>VECP2334T-4</b>	3,476	SD	27.69	303	93	460	24	1
	1200	286TC	TEFC	<b>VECP4102T</b>	6,534	SD	30.68	459	93	230/460	26	1
25	1800	284TC	TEFC	<b>VECP4103T</b>	4,602	SD	30.68	395	93.6	230/460	30	1, 30
	1200	324TC	TEFC	<b>VECP4111T</b>	6,877	SD	32.91	605	93	230/460	32	1, 30

(a) See notes on inside back flap.

All ratings are 1.15 service factor at 40°C ambient. All ratings meet 50°C ambient at 1.00 service factor and weatherproof intent of IEEE 45 and USCG 259 marine duty (below deck).

■ Cast Iron Frame

General Information  
Single Phase Motors  
General Purpose Industrial Motors  
Severe Duty Motors  
Large AC Motors  
Washdown Duty Motors  
Explosion Proof Motors  
Pump Motors  
Light Industrial/Commercial Motors  
HVAC Motors

**IEEE 841,  
Three Phase,  
Totally Enclosed,  
460 Volts**

**1 thru 250 Hp**

**NEMA 143T thru 449T**

**Applications:** Petro-chemical, pulp and paper, cement, aggregate mining and other process industries requiring premium efficient motors designed, manufactured and tested to exceed IEEE 841-2009 TEFC motor standards for extreme severe duty service.

**Features:** Built to 841XL design. Super-E electrical design that meets or exceeds NEMA Premium® efficiency requirements. Rugged Cast Iron construction includes frame, end bells, conduit box and fan cover. IP56 enclosure. Inpro/Seal VBX (thru 210 frame) and VBXX labyrinth bearing isolaters on drive end and opposite drive end of shaft. Positive Lubrication System (PLS) with oversize bearings on both ends of the motor. Terminal lugs on ends of motor leads. Final test and vibration results provided on every motor. Motors are marked suitable for Division 2/Zone 2 locations with a T3 (200° C) temperature code. 5 year warranty.



General Information  
Single Phase Motors  
General Purpose Industrial Motors  
Severe Duty Motors  
Large AC Motors  
Washdown Duty Motors  
Explosion Proof Motors  
Pump Motors  
Light Industrial/Commercial Motors  
HVAC Motors

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>Foot Mounted</b>												
1	3600	143T	TEFC	ECP83580T-4	1,043	SD	12.88	53	84	460	1.4	1
		143T	TENV	ENCP83580T-4	994	SD	11.37	56	84	460	1.3	1
	1800	143T	TEFC	ECP83581T-4	1,145	SD	12.88	58	87.5	460	1.5	1
		143T	TENV	ENCP83581T-4	1,087	SD	11.37	58	87.5	460	1.5	1
1 1/2	1200	145T	TEFC	ECP83582T-4	1,228	SD	12.88	61	82.5	460	1.8	1
	3600	143T	TEFC	ECP83583T-4	1,120	SD	12.88	58	85.5	460	2	1
	1800	145T	TEFC	ECP83584T-4	1,165	SD	12.87	62	88.5	460	2.1	1
	1200	182T	TEFC	ECP83667T-4	1,414	SD	15.93	105	87.5	460	2.5	1
2	3600	145T	TEFC	ECP83586T-4	1,229	SD	12.88	66	86.5	460	2.4	1
	1800	145T	TEFC	ECP83587T-4	1,217	SD	12.87	78	88.5	460	2.8	1
	1200	184T	TEFC	ECP83664T-4	1,537	SD	15.93	113	88.5	460	3.2	1
3	3600	182T	TEFC	ECP83660T-4	1,465	SD	15.93	103	88.5	460	3.4	1
	1800	182T	TEFC	ECP83661T-4	1,541	SD	15.93	101	89.5	460	4.1	1
	1200	213T	TEFC	ECP83764T-4	2,143	SD	19.32	165	89.5	460	4.5	1
5	3600	184T	TEFC	ECP83663T-4	1,805	SD	15.93	110	89.5	460	5.6	1
	1800	184T	TEFC	ECP83665T-4	1,570	SD	15.93	120	89.5	460	6.6	1
	1200	215T	TEFC	ECP83768T-4	2,215	SD	19.32	193	89.5	460	7.1	1
7 1/2	3600	213T	TEFC	ECP83769T-4	2,356	SD	19.32	179	91.7	460	8.6	1
	1800	213T	TEFC	ECP83770T-4	1,978	SD	19.32	199	91.7	460	9.5	1
	1200	254T	TEFC	ECP82276T-4	3,195	SD	25.06	305	91.7	460	10.5	1
10	3600	215T	TEFC	ECP83771T-4	2,508	SD	19.32	225	91.7	460	10.7	1
	1800	215T	TEFC	ECP83774T-4	2,342	SD	19.32	231	91.7	460	12.2	1
	1200	256T	TEFC	ECP82332T-4	4,079	SD	25.06	310	91.7	460	14.1	1
	3600	254T	TEFC	ECP82394T-4	3,264	SD	25.06	262	91.7	460	17	1
15	1800	254T	TEFC	ECP82333T-4	3,015	SD	25.06	280	92.4	460	17.6	1
	1200	284T	TEFC	ECP84100T-4	4,712	SD	27.93	420	92.4	460	19.5	1
	3600	256T	TEFC	ECP84106T-4	3,742	SD	25.06	310	91.7	460	22	1
20	1800	256T	TEFC	ECP82334T-4	3,260	SD	25.06	258	93	460	23.1	1
	1200	286T	TEFC	ECP84102T-4	6,350	SD	27.93	420	92.4	460	25	1
	3600	284TS	TEFC	ECP84107T-4	4,575	SD	26.56	383	91.7	460	28.5	1
25	1800	284T	TEFC	ECP84103T-4	4,228	SD	27.93	519	93.6	460	30	1
	1200	324T	TEFC	ECP84111T-4	6,692	SD	30.53	635	93	460	31.6	1
30	3600	286TS	TEFC	ECP84108T-4	5,480	SD	26.56	390	93	460	33	1
	1800	286T	TEFC	ECP84104T-4	4,979	SD	27.93	460	93.6	460	35	1
	1200	326T	TEFC	ECP84117T-4	8,709	SD	30.53	630	93	460	38.6	1
40	3600	324TS	TEFC	ECP84109T-4	7,498	SD	29.03	587	92.4	460	45	1
	1800	324T	TEFC	ECP84110T-4	6,629	SD	30.53	592	94.1	460	46	1
	1200	364T	TEFC	ECP84308T-4	10,662	SD	33.44	927	94.1	460	49.4	1

(a) See notes on inside back flap.

All ratings are 1.15 service factor at 40°C ambient. All ratings meet 50°C ambient at 1.00 service factor and weatherproof intent of IEEE 45 and USCG 259 marine duty (below deck).

■ Cast Iron Frame



IEEE 841, Three Phase, Totally Enclosed, 460 Volts

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)	
50	3600	326TS	TEFC	ECP84114T-4	7,821	SD	29.03	633	93	460	56	1	
	1800	326T	TEFC	ECP84115T-4	7,783	SD	30.53	700	94.5	460	57	1	
	1200	365T	TEFC	ECP84312T-4	11,355	SD	33.44	900	94.1	460	61.7	1	
60	3600	364TS	TEFC	ECP84310T-4	11,558	SD	31.31	905	95	460	65.1	1	
	1800	364T	TEFC	ECP84314T-4	10,335	SD	33.44	904	95	460	68	1	
	1200	404T	TEFC	ECP84403T-4	14,718	SD	38.31	1310	95	460	69	1	
75	3600	365TS	TEFC	ECP84313T-4	12,802	SD	31.31	976	95	460	80.7	1	
	1800	365T	TEFC	ECP84316T-4	12,019	SD	33.44	950	95.4	460	85.9	1	
	1200	405T	TEFC	ECP84404T-4	17,827	SD	38.31	1300	95	460	86.9	1	
100	3600	405TS	TEFC	ECP84402T-4	15,341	SD	35.31	1330	95	460	110	1	
	1800	405T	TEFC	ECP84400T-4	16,043	SD	38.31	1337	95.4	460	112	1	
	1200	444T	TEFC	ECP84409T-4	19,609	SD	44.75	1737	95	460	119	1	
		444T	TEFC	ECP84409T-4E	19,609	SD	44.62	1744	95	460	115	1,56	
125	3600	444TS	TEFC	ECP84412T-4	17,941	SD	40.98	1539	95	460	137	1	
		444TS	TEFC	ECP84412T-4E	17,941	SD	40.88	1717	95.4	460	137	1,56	
		444TS	TEFC	ECP84912T-4	17,941	SD	40.98	1539	95	460	137	1,99	
	1800	444T	TEFC	ECP84410T-4	18,198	SD	44.75	1779	95.4	460	144	1	
		444T	TEFC	ECP84410T-4E	18,198	SD	44.62	1774	95.8	460	139	1,56	
		444T	TEFC	ECP84910T-4	18,198	SD	44.75	1779	95.4	460	144	1,99	
	1200	445T	TEFC	ECP84411T-4	22,257	SD	44.75	1901	95	460	146	1	
		445T	TEFC	ECP84411T-4E	22,257	SD	44.62	1891	95.4	460	143	1,56	
		445T	TEFC	ECP84911T-4	22,257	SD	44.75	1901	95	460	146	1,99	
	150	3600	445TS	TEFC	ECP84413T-4	20,617	SD	40.98	2017	95	460	164	1
			445TS	TEFC	ECP84413T-4E	20,617	SD	40.88	1923	96.2	460	164	1,56
			445TS	TEFC	ECP84913T-4	20,617	SD	40.98	2017	95	460	164	1,99
1800		445T	TEFC	ECP84406T-4	21,521	SD	44.75	1914	95.8	460	169	1	
		445T	TEFC	ECP84406T-4E	21,521	SD	44.62	1904	96.2	460	165	1,56	
		445T	TEFC	ECP84906T-4	21,521	SD	44.75	1914	95.8	460	169	1,99	
1200		447T	TEFC	ECP844156T-4	24,739	SD	48.24	2000	95.8	460	170	1	
		447T	TEFC	ECP844156TR-4	25,964	SD	48.24	2000	95.8	460	170	1,5	
		447T	TEFC	ECP849156T-4	24,739	SD	48.24	2000	95.8	460	170	1,99	
		447T	TEFC	ECP849156TR-4	25,964	SD	48.24	2000	95.8	460	170	1,5,99	
200	3600	447TS	TEFC	ECP84416T-4	27,256	SD	43.92	2189	96.2	460	213	1	
		447TS	TEFC	ECP84916T-4	27,256	SD	43.92	2189	96.2	460	213	1,99	
		447T	TEFC	ECP84407T-4	25,892	SD	48.24	2645	96.2	460	223	1	
	1800	447T	TEFC	ECP84407TR-4	27,119	SD	48.24	2676	96.2	460	223	1,5	
		447T	TEFC	ECP84907T-4	25,892	SD	48.24	2645	96.2	460	223	1,99	
		447T	TEFC	ECP84907TR-4	27,119	SD	48.24	2676	96.2	460	223	1,5,99	
	1200	449T	TEFC	ECP844206T-4	32,865	SD	53.24	3125	95.8	460	225	1	
		449T	TEFC	ECP844206TR-4	34,092	SD	53.24	3125	95.8	460	225	1,5	
		449T	TEFC	ECP849206T-4	32,865	SD	53.24	3125	95.8	460	225	1,99	
		449T	TEFC	ECP849206TR-4	34,092	SD	53.24	3125	95.8	460	225	1,5,99	
	250	3600	449TS	TEFC	ECP844252T-4	43,915	SD	49.48	2724	96.2	460	266	1
			449TS	TEFC	ECP849252T-4	43,915	SD	49.48	2724	96.2	460	266	1,99
1800		449T	TEFC	ECP84408T-4	33,052	SD	53.24	2959	96.2	460	276	1	
		449T	TEFC	ECP84408TR-4	34,246	SD	53.24	3024	96.2	460	276	1,5	
		449T	TEFC	ECP84908T-4	33,052	SD	53.24	2959	96.2	460	276	1,99	
		449T	TEFC	ECP84908TR-4	34,246	SD	53.24	3024	96.2	460	276	1,5,99	
1200		449T	TEFC	ECP844256T-4	46,128	SD	53.24	3125	95.8	460	287	1	
		449T	TEFC	ECP849256T-4	46,128	SD	53.24	3125	95.8	460	287	1,99	

(a) See notes on inside back flap.

All ratings are 1.15 service factor at 40°C ambient. All ratings meet 50°C ambient at 1.00 service factor and weatherproof intent of IEEE 45 and USCG 259 marine duty (below deck).

■ Cast Iron Frame

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

IEEE 841, Three Phase, Totally Enclosed, 460 Volts

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>C-Face, Foot Mounted</b>												
1	3600	143TC	TEFC	<b>CECP83580T-4</b>	1,087	SD	13.38	59	84	460	1.4	1
		143TC	TENV	<b>CENCP83580T-4</b>	1,039	SD	12.00	56	84	460	1.3	1
	1800	143TC	TEFC	<b>CECP83581T-4</b>	1,190	SD	13.38	71	87.5	460	1.5	1
		143TC	TENV	<b>CENCP83581T-4</b>	1,130	SD	12.00	58	87.5	460	1.5	1
1 1/2	3600	143TC	TEFC	<b>CECP83583T-4</b>	1,164	SD	13.38	66	85.5	460	2	1
	1800	145TC	TEFC	<b>CECP83584T-4</b>	1,212	SD	13.38	75	88.5	460	2.1	1
2	3600	145TC	TEFC	<b>CECP83586T-4</b>	1,277	SD	13.38	66	86.5	460	2.4	1
	1800	145TC	TEFC	<b>CECP83587T-4</b>	1,262	SD	13.38	67	88.5	460	2.8	1
3	3600	182TC	TEFC	<b>CECP83660T-4</b>	1,552	SD	16.69	103	88.5	460	3.4	1
	1800	182TC	TEFC	<b>CECP83661T-4</b>	1,644	SD	16.69	100	89.5	460	4.1	1
5	3600	184TC	TEFC	<b>CECP83663T-4</b>	1,886	SD	16.38	142	89.5	460	5.6	1
	1800	184TC	TEFC	<b>CECP83665T-4</b>	1,653	SD	16.69	121	89.5	460	6.6	1
7 1/2	3600	213TC	TEFC	<b>CECP83769T-4</b>	2,445	SD	20.06	179	91.7	460	8.6	1
	1800	213TC	TEFC	<b>CECP83770T-4</b>	2,094	SD	20.06	178	91.7	460	9.5	1
10	3600	215TC	TEFC	<b>CECP83771T-4</b>	2,595	SD	20.06	225	90.2	460	11.3	1
	1800	215TC	TEFC	<b>CECP83774T-4</b>	2,531	SD	20.06	231	92.4	460	12.5	1
15	3600	254TC	TEFC	<b>CECP82394T-4</b>	3,549	SD	25.19	239	91.7	460	17	1
	1800	254TC	TEFC	<b>CECP82333T-4</b>	3,465	SD	25.19	280	92.4	460	17.6	1
20	3600	256TC	TEFC	<b>CECP84106T-4</b>	4,025	SD	25.19	310	91.7	460	22	1
	1800	256TC	TEFC	<b>CECP82334T-4</b>	3,666	SD	25.19	325	93	460	23.1	1
25	3600	284TSC	TEFC	<b>CECP84107T-4</b>	5,490	SD	26.56	383	91.7	460	28.5	1
	1800	284TC	TEFC	<b>CECP84103T-4</b>	5,145	SD	27.93	422	93.6	460	30.5	1
30	3600	286TSC	TEFC	<b>CECP84108T-4</b>	6,395	SD	26.56	389	93	460	33	1
	1800	286TC	TEFC	<b>CECP84104T-4</b>	5,892	SD	27.93	460	93.6	460	35	1
40	3600	324TSC	TEFC	<b>CECP84109T-4</b>	8,505	SD	29.03	587	92.4	460	45	1
	1800	324TC	TEFC	<b>CECP84110T-4</b>	7,637	SD	30.53	638	94.5	460	46	1
50	3600	324TSC	TEFC	<b>CECP84114T-4</b>	8,831	SD	29.03	633	93	460	56	1
	1800	326TC	TEFC	<b>CECP84115T-4</b>	8,790	SD	30.53	700	94.5	460	57	1
60	3600	364TSC	TEFC	<b>CECP84310T-4</b>	12,655	SD	31.31	916	95	460	65.1	1
	1800	364TC	TEFC	<b>CECP84314T-4</b>	11,434	SD	33.44	927	95	460	68	1
75	3600	365TSC	TEFC	<b>CECP84313T-4</b>	13,898	SD	31.31	992	95	460	80.7	1
	1800	365TC	TEFC	<b>CECP84316T-4</b>	13,119	SD	33.44	965	95.4	460	85.9	1
<b>C-Face, Footless</b>												
1	3600	143TC	TENV	<b>VENCP83580T-4</b>	985	SD	12.00	56	84	460	1.3	1
	1800	143TC	TENV	<b>VENCP83581T-4</b>	1,063	SD	12.00	58	87.5	460	1.5	1
1 1/2	3600	143TC	TEFC	<b>VECP83583T-4</b>	1,153	SD	14.56	75	85.5	460	2	1
	1800	145TC	TEFC	<b>VECP83584T-4</b>	1,199	SD	14.56	76	88.5	460	2.1	1
2	3600	145TC	TEFC	<b>VECP83586T-4</b>	1,264	SD	14.56	67	86.5	460	2.4	1
	1800	145TC	TEFC	<b>VECP83587T-4</b>	1,250	SD	14.56	67	88.5	460	2.8	1
3	3600	182TC	TEFC	<b>VECP83660T-4</b>	1,536	SD	16.69	116	88.5	460	3.4	1
	1800	182TC	TEFC	<b>VECP83661T-4</b>	1,628	SD	16.69	116	89.5	460	4.1	1
5	3600	184TC	TEFC	<b>VECP83663T-4</b>	1,871	SD	16.69	130	89.5	460	5.6	1
	1800	184TC	TEFC	<b>VECP83665T-4</b>	1,637	SD	16.69	131	89.5	460	6.6	1
7 1/2	3600	213TC	TEFC	<b>VECP83769T-4</b>	2,414	SD	20.06	179	91.7	460	8.6	1
	1800	213TC	TEFC	<b>VECP83770T-4</b>	2,062	SD	20.06	211	91.7	460	9.5	1
10	3600	215TC	TEFC	<b>VECP83771T-4</b>	2,563	SD	20.06	225	91.7	460	10.7	1
	1800	215TC	TEFC	<b>VECP83774T-4</b>	2,499	SD	20.06	231	91.7	460	12.2	1
15	3600	254TC	TEFC	<b>VECP82394T-4</b>	3,403	SD	25.19	239	91.7	460	17	1
	1800	254TC	TEFC	<b>VECP82333T-4</b>	3,318	SD	25.19	280	92.4	460	17.6	1
20	3600	256TC	TEFC	<b>VECP84106T-4</b>	3,879	SD	25.19	310	91.7	460	22	1
	1800	256TC	TEFC	<b>VECP82334T-4</b>	3,517	SD	25.19	322	93	460	23.1	1

(a) See notes on inside back flap.

All ratings are 1.15 service factor at 40°C ambient. All ratings meet 50°C ambient at 1.00 service factor and weatherproof intent of IEEE 45 and USCG 259 marine duty (below deck).

■ Cast Iron Frame

General Information  
Single Phase Motors  
General Purpose Industrial Motors  
Severe Duty Motors  
Large AC Motors  
Washdown Duty Motors  
Explosion Proof Motors  
Pump Motors  
Light Industrial/Commercial Motors  
HVAC Motors

**IEEE 841,  
Three Phase,  
TEFC, 575 Volts,  
Foot Mounted**

**1 thru 250 Hp**

**NEMA 143T thru 449T**

**Applications:** Petro-chemical, pulp and paper, cement, aggregate mining and other process industries requiring premium efficient motors designed, manufactured and tested to exceed IEEE 841-2009 TEFC motor standards for extreme severe duty service.

**Features:** Built to 841XL design. Super-E electrical design that meets or exceeds NEMA Premium® efficiency requirements. Rugged Cast Iron construction includes frame, end bells, conduit box and fan cover. IP56 enclosure. Inpro/Seal VBX (thru 210 frame) and VBXX labyrinth bearing isolaters on drive end and opposite drive end of shaft. Positive Lubrication System (PLS) with oversize bearings on both ends of the motor. Terminal lugs on ends of motor leads. Final test and vibration results provided on every motor. Motors are marked suitable for Division 2/Zone 2 locations with a T3 (200° C) temperature code. 5 year warranty.



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>Foot Mounted</b>											
1	3600	143T	ECP83580T-5	1,043	SD	12.88	53	84	575	1.1	1
	1800	143T	ECP83581T-5	1,145	SD	12.87	70	87.5	575	1.2	1
	1200	145T	ECP83582T-5	1,228	SD	12.88	62	82.5	575	1.4	1
1 1/2	3600	143T	ECP83583T-5	1,120	SD	12.88	71	85.5	575	1.6	1
	1800	145T	ECP83584T-5	1,165	SD	12.87	63	88.5	575	1.7	1
	1200	182T	ECP83667T-5	1,414	SD	15.93	99	87.5	575	2	1
2	3600	145T	ECP83586T-5	1,161	SD	12.88	66	86.5	575	1.9	1
	1800	145T	ECP83587T-5	1,217	SD	12.87	67	88.5	575	2.3	1
	1200	184T	ECP83664T-5	1,537	SD	15.93	116	88.5	575	2.5	1
3	3600	182T	ECP83660T-5	1,465	SD	15.93	105	88.5	575	2.7	1
	1800	182T	ECP83661T-5	1,541	SD	15.93	100	89.5	575	3.3	1
	1200	213T	ECP83764T-5	2,143	SD	19.32	211	89.5	575	3.6	1
5	3600	184T	ECP83663T-5	1,805	SD	15.93	125	89.5	575	4.5	1
	1800	184T	ECP83665T-5	1,570	SD	15.93	121	89.5	575	5.3	1
	1200	215T	ECP83768T-5	2,215	SD	19.32	226	89.5	575	5.7	1
7 1/2	3600	213T	ECP83769T-5	2,356	SD	19.32	179	91.7	575	6.9	1
	1800	213T	ECP83770T-5	1,978	SD	19.32	199	91.7	575	6.9	1
	1200	254T	ECP82276T-5	3,352	SD	24.68	302	91.7	575	8.7	1
10	3600	215T	ECP83771T-5	2,508	SD	19.32	225	91.7	575	8.6	1
	1800	215T	ECP83774T-5	2,342	SD	19.32	231	91.7	575	9.8	1
	1200	256T	ECP82332T-5	4,079	SD	24.68	355	91.7	575	11.5	1
15	3600	254T	ECP82394T-5	3,264	SD	24.68	239	91.7	575	13.8	1
	1800	254T	ECP82333T-5	3,015	SD	25.06	280	92.4	575	14	1
	1200	284T	ECP84100T-5	4,712	SD	27.93	420	92.4	575	15.6	1
20	3600	256T	ECP84106T-5	3,742	SD	24.68	310	91.7	575	17.8	1
	1800	256T	ECP82334T-5	3,260	SD	25.06	325	93	575	19	1
	1200	286T	ECP84102T-5	6,350	SD	27.93	420	92.4	575	21	1
25	3600	284TS	ECP84107T-5	4,575	SD	26.56	383	91.7	575	22.8	1
	1800	284T	ECP84103T-5	4,228	SD	27.93	420	93.6	575	23.9	1
	1200	324T	ECP84111T-5	6,692	SD	30.53	635	93	575	25.4	1
30	3600	286TS	ECP84108T-5	5,480	SD	26.56	422	93	575	26.6	1
	1800	286T	ECP84104T-5	4,979	SD	27.93	480	93.6	575	28	1
	1200	326T	ECP84117T-5	8,709	SD	30.53	640	93	575	30.9	1
40	3600	324TS	ECP84109T-5	7,498	SD	29.03	587	92.4	575	36	1
	1800	324T	ECP84110T-5	6,629	SD	30.53	599	94.5	575	37	1
	1200	364T	ECP84308T-5	10,662	SD	33.44	902	94.1	575	39.5	1
50	3600	326TS	ECP84114T-5	7,821	SD	29.03	633	93	575	45	1
	1800	326T	ECP84115T-5	7,783	SD	30.53	633	94.5	575	45.6	1
	1200	365T	ECP84312T-5	11,355	SD	33.44	839	94.1	575	49.3	1

(a) See notes on inside back flap.

■ Cast Iron Frame

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

IEEE 841, Three Phase, TEFC, 575 Volts, Foot Mounted

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)	
60	3600	364TS	EC <b>P84310T-5</b>	11,558	SD	31.31	932	95	575	52	1	
	1800	364T	EC <b>P84314T-5</b>	10,335	SD	33.44	920	95	575	54.4	1	
	1200	404T	EC <b>P84403T-5</b>	14,718	SD	38.31	1324	95	575	55.2	1	
75	3600	365TS	EC <b>P84313T-5</b>	12,802	SD	31.31	983	95	575	64.5	1	
	1800	365T	EC <b>P84316T-5</b>	12,019	SD	33.44	985	95.4	575	68.7	1	
	1200	405T	EC <b>P84404T-5</b>	17,827	SD	38.31	1253	95	575	69.5	1	
100	3600	405TS	EC <b>P84402T-5</b>	15,341	SD	38.31	1310	95	575	88	1	
	1800	405T	EC <b>P84400T-5</b>	16,043	SD	38.31	1346	95.4	575	89.6	1	
	1200	444T	EC <b>P84409T-5</b>	19,609	SD	44.75	1765	95	575	92	1	
		444T	EC <b>P84409T-5E</b>	19,609	SD	44.62	1737	95	575	92	1, 56	
125	3600	444TS	EC <b>P84412T-5</b>	17,941	SD	40.98	1740	95.4	575	109	1	
		444TS	EC <b>P84412T-5E</b>	17,941	SD	40.88	1539	95.4	575	109	1, 56	
	1800	444T	EC <b>P84410T-5</b>	18,198	SD	44.75	1802	95.8	575	111	1	
		444T	EC <b>P84410T-5E</b>	18,198	SD	44.62	1779	95.8	575	111	1, 56	
	1200	445T	EC <b>P84411T-5</b>	22,257	SD	44.75	1901	95.4	575	114	1	
		445T	EC <b>P84411T-5E</b>	22,257	SD	44.62	1901	95.4	575	114	1, 56	
150	3600	445TS	EC <b>P84413T-5</b>	20,617	SD	40.98	1975	96.2	575	131	1	
		445TS	EC <b>P84413T-5E</b>	20,617	SD	40.88	2017	96.2	575	131	1, 56	
	1800	445T	EC <b>P84406T-5</b>	21,521	SD	44.75	1927	96.2	575	132	1	
		445T	EC <b>P84406T-5E</b>	21,521	SD	44.62	1914	96.2	575	132	1, 56	
	1200	447T	EC <b>P844156TR-5</b>	25,964	SD	48.24	2000	95.8	575	136	1, 5	
		447T	EC <b>P849156TR-5</b>	25,964	SD	48.24	2000	95.8	575	136	1, 5, 99	
200	3600	447TS	EC <b>P84416T-5</b>	27,256	SD	43.92	1982	96.2	575	177	1	
		445TS	EC <b>P84416T-5E</b>	27,256	SD	40.88	1904	96.2	575	177	1, 56	
	1800	447T	EC <b>P84407T-5</b>	25,892	SD	48.24	2676	96.2	575	178	1	
		447T	EC <b>P84407TR-5</b>	27,119	SD	48.24	2676	96.2	575	178	1, 5	
		447T	EC <b>P84907T-5</b>	25,892	SD	48.24	2676	96.2	575	178	1, 99	
		447T	EC <b>P84907TR-5</b>	27,119	SD	48.24	2676	96.2	575	178	1, 5, 99	
	1200	449T	EC <b>P844206TR-5</b>	34,092	SD	53.24	2963	95.8	575	180	1, 5	
		449T	EC <b>P849206TR-5</b>	34,092	SD	53.24	2963	95.8	575	180	1, 5, 99	
	250	3600	449TS	EC <b>P844252T-5</b>	43,915	SD	49.48	2595	96.2	575	212	1
			449TS	EC <b>P849252T-5</b>	43,915	SD	49.48	2595	96.2	575	212	1, 99
1800		449T	EC <b>P84408T-5</b>	33,052	SD	53.24	2941	96.2	575	220	1	
		449T	EC <b>P84408TR-5</b>	34,246	SD	53.24	2677	96.2	575	220	1, 5	
		449T	EC <b>P84908T-5</b>	33,052	SD	53.24	2941	96.2	575	220	1, 99	
		449T	EC <b>P84908TR-5</b>	34,246	SD	53.24	2677	96.2	575	220	1, 5, 99	

C-Face, Foot Mounted

2	1800	145TC	CE <b>P83587T-5</b>	1,262	SD	13.38	80	88.5	575	2.3	1
3	1800	182TC	CE <b>P83661T-5</b>	1,644	SD	16.69	114	89.5	575	3.3	1
5	1800	184TC	CE <b>P83665T-5</b>	1,653	SD	16.69	135	89.5	575	5.3	1
7 1/2	1800	213TC	CE <b>P83770T-5</b>	2,094	SD	20.06	211	91.7	575	7.6	1
10	1800	215TC	CE <b>P83774T-5</b>	2,531	SD	20.06	231	91.7	575	9.8	1
15	1800	254TC	CE <b>P82333T-5</b>	3,465	SD	25.19	280	92.4	575	14	1
20	1800	256TC	CE <b>P82334T-5</b>	3,666	SD	25.19	322	93	575	19	1
25	1800	284TC	CE <b>P84103T-5</b>	5,145	SD	27.93	420	93.6	575	23.9	1
30	1800	286TC	CE <b>P84104T-5</b>	5,892	SD	27.93	460	93.6	575	28	1
40	1800	324TC	CE <b>P84110T-5</b>	7,637	SD	30.53	670	94.5	575	36.8	1
50	1800	326TC	CE <b>P84115T-5</b>	8,790	SD	30.53	725	94.5	575	45.6	1

(a) See notes on inside back flap.

■ Cast Iron Frame

General Information  
Single Phase Motors  
General Purpose Industrial Motors  
Severe Duty Motors  
Large AC Motors  
Washdown Duty Motors  
Explosion Proof Motors  
Pump Motors  
Light Industrial/Commercial Motors  
HVAC Motors

**661XL / IEEE 841,  
Three Phase,  
TEFC, 460 Volts,  
Foot Mounted**

**5 thru 75 Hp**

**NEMA 184T thru 365T**



**Applications:** Petroleum, chemical and other industries with belt driven heat exchangers requiring premium efficient motors designed to API 661 standards of 40,000 hours bearing life.

**Features:** Severe duty design with NEMA premium efficiency. Motors meet IEEE 841-2009 specifications for the chemical industry and incorporate roller bearings on 210 frames and larger for heavy belt loads. IP56 enclosure. They have VBX / VBXX Inpro bearing isolators on both ends and a stainless drain in the lower end bracket for vertical shaft down. Shaft up requires removing plug in upper end and reversing drain. Motors have RTV sealed end bracket-to-frame fits, epoxy coated rotor and stator, alemite grease fittings with automatic grease relief fittings, lead lugs, low vibration, and quiet operation (below 90 dBA sound power). Motors are marked suitable for Division 2/Zone 2 locations with a T3 (200° C) temperature code. 5-year warranty.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
5	1800	184T	ECP63665T-4	1,570	SD	15.93	120	89.5	460	6.6	1
7 1/2	1800	213T	ECP63770TR-4	2,248	SD	19.32	195	91.7	460	9.5	1, 5
10	1800	215T	ECP63774TR-4	2,611	SD	19.32	231	91.7	460	12.2	1, 5
15	1800	254T	ECP62333TR-4	3,372	SD	25.06	280	92.4	460	17.6	1, 5
20	1800	256T	ECP62334TR-4	3,617	SD	25.06	322	93	460	23.1	1, 5
25	1800	284T	ECP64103TR-4	4,676	SD	27.93	422	93.6	460	30.5	1, 5
30	1800	286T	ECP64104TR-4	5,426	SD	27.93	460	93.6	460	35	1, 5
40	1800	324T	ECP64110TR-4	7,198	SD	30.53	600	94.5	460	46	1, 5
50	1800	326T	ECP64115TR-4	8,354	SD	30.53	700	94.5	460	57	1, 5
60	1800	364T	ECP64314TR-4	10,960	SD	33.44	906	95	460	68	1, 5
75	1800	365T	ECP64316TR-4	12,644	SD	33.44	976	95.4	460	85.9	1, 5

(a) See notes on inside back.

■ Cast Iron Frame

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

BALDOR • RELIANCE

**Quarry Duty Motors,  
Three Phase,  
TEFC, Design C,  
High Torque**

**2 thru 75 Hp**

**NEMA 145T thru 365T**

**Applications:** Conveyors, gear reducers and applications requiring NEMA Design C torques.

**Features:** Heavy-gauge steel and cast-iron frames, Ball bearings and gasketed conduit boxes. Class F insulation. Class B rise, 1.15 service factor, low-loss electrical grade lamination steel.



General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>Foot Mounted</b>											
2	1800	145T	<b>M3558T-9</b>	597	L1	13.31	39	84	230/460	3.1	1, 30
3	1800	182T	<b>M3611T-9</b>	700	L1	16.54	72	87.5	208-230/460	4.5	1
5	1800	184T	<b>M3615T-9</b>	808	L1	18.05	92	87.5	208-230/460	7.1	1
7 1/2	1800	213T	<b>M3710T-9</b>	1,027	L1	17.89	121	89.5	230/460	10.3	1, 30
10	1800	215T	<b>M3714T-9</b>	1,195	L1	19.01	136	89.5	230/460	13.9	1
15	1800	254T	<b>M2333T-9</b>	2,110	L1	23.28	259	91	208-230/460	18.7	1
20	1800	256T	<b>M2334T-9</b>	2,546	L1	23.28	280	91	208-230/460	25.5	1
25	1800	284T	<b>M4103T-9</b>	3,158	L1	27.76	437	92.4	208-230/460	29	1
30	1800	286T	<b>M4104T-9</b>	3,730	L1	27.76	470	92.4	208-230/460	35	1
40	1800	324T	<b>M4110T-9</b>	4,948	L1	30.28	610	93	208-230/460	47	1
50	1800	326T	<b>M4115T-9</b>	5,122	L1	30.28	629	93	208-230/460	59	1
60	1800	364T	<b>M4314T-9</b>	9,016	L1	33.44	847	93.6	230/460	73.1	1
75	1800	365T	<b>M4316T-9</b>	9,729	L1	33.44	850	94.1	230/460	88.5	1
<b>C-Face, Footless</b>											
3	1800	182TC	<b>VM3661T-9</b>	1,077	L1	15.98	98	87.5	208-230/460	4.4	1

(a) See notes on inside back flap.

■ Cast Iron Frame

**Crusher Motors,  
Three Phase,  
TEFC, 460 Volt,  
Foot Mounted**

**75 thru 350 Hp**

**NEMA 404T thru 449T**



**Applications:** Belt-driven rock crushers, pellet mills, and other applications requiring motors rated for severe duty service and high starting torques.

**Features:** High torque design exceeds NEMA Design C locked rotor, pull up, and breakdown torques. 1.15 Service Factor. Corrosion resistant epoxy finish. Regreasable bearing. Oversize, rotatable cast iron conduit box. V-Ring shaft seal. Moisture resistant copper windings with Class F insulation. Stainless steel nameplate and corrosion resistant hardware. Pulley end roller bearings and high strength steel shaft for belted loads only; not suitable for direct coupled loads. ECR Super-E® motors have NEMA Premium® efficiency and 3 year warranty.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
75	1200	405T	ECR4404TR-4	16,137	SD	38.31	1275	94.5	460	91	1
	1800	405T	ECR4400TR-4	12,216	SD	38.31	1390	95.4	460	115	1
100	1200	444T	ECR4409TR-4	16,669	SD	44.75	2029	95	460	119	1
		444T	ECR4909TR-4	16,669	SD	44.75	2029	95	460	119	1, 99
125	1800	444T	ECR4410TR-4	15,544	SD	44.75	1964	95.4	460	149	1
		444T	ECR4910TR-4	15,544	SD	44.75	1964	95.4	460	149	1, 99
	1200	445T	ECR4411TR-4	18,831	SD	48.24	2271	95	460	148	1
		445T	ECR4911TR-4	18,831	SD	48.24	2271	95	460	148	1, 99
150	1800	445T	ECR4406TR-4	18,205	SD	48.24	2184	95.8	460	180	1
		445T	ECR4906TR-4	18,205	SD	48.24	2184	95.8	460	180	1, 99
	1200	447T	ECR44156TR-4	21,231	SD	53.24	3125	95.8	460	172	1
		447T	ECR49156TR-4	21,231	SD	53.24	3125	95.8	460	172	1, 99
200	1800	447T	ECR4407TR-4	21,907	SD	53.24	2694	96.2	460	232	1
		447T	ECR4907TR-4	21,907	SD	53.24	2694	96.2	460	232	1, 99
	1200	449T	ECR44206TR-4	27,805	SD	53.24	3165	95.8	460	232	1
		449T	ECR49206TR-4	27,805	SD	53.24	3165	95.8	460	232	1, 99
250	1800	447T	CR4408TR-4	26,090	SD	53.24	2526	95.4	460	284	1
		449T	CR44256TR-4	36,933	SD	53.24	2648	95.4	460	295	1
	1200	449T	CR49256TR-4	36,933	SD	53.24	2648	95.4	460	295	1, 99
300	1800	449T	CR44304TR-4	35,303	SD	53.24	2345	95.4	460	353	1
	1200	L449T	CR49306TR-4	48,040	SD	60.21	3669	95.8	460	371	1, 99
350	1800	449T	CR44354TR-4	41,906	SD	60.21	2925	95.8	460	404	1

(a) See notes on inside back flap.

■ Cast Iron Frame

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

**Dirty Duty,  
Three Phase,  
TEFC**

**1/2 thru 15 Hp**

**NEMA 56 thru 254T**

**Applications:** Petro-chemical plants, mines, foundries, pulp and paper plants, waste management facilities, chemical plants, tropical climates and other processing industry applications requiring protection against corrosion caused by severe environmental operating conditions.

**Features:** 1.0 Service Factor at 50°C ambient, weatherproof per IEEE 45 and USCG 259 marine duty (below deck duty only). 416 stainless steel shaft for corrosion protection from severe conditions. EM and VEM Super-E® motors have NEMA Premium® efficiency and 3 year warranty.



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>Foot Mounted, No Drip Cover</b>											
1/2	1800	56	M8001	586	SD	11.35	26	74	230/460	1	1, 30
3/4	1800	56	M8002	744	SD	11.35	29	75.5	230/460	1.5	1, 30
1	1800	56	M8003	814	SD	12.85	35	78.5	208-230/460	1.7	1
		143T	EM8003T	1,150	SD	12.75	56	85.5	208-230/460	1.5	1
1 1/2	1800	145T	EM8004T	1,186	SD	12.75	62	86.5	208-230/460	2.3	1
2	1800	145T	EM8005T	1,209	SD	12.75	65	86.5	208-230/460	2.9	1
3	1800	182T	EM8006T	1,440	SD	15.93	105	89.5	208-230/460	4.1	1
5	1800	184T	EM8007T	1,579	SD	15.93	117	89.5	208-230/460	6.6	1
7 1/2	1800	213T	EM8008T	1,840	SD	19.32	170	91.7	208-230/460	9.5	1
10	1800	215T	EM8009T	2,373	SD	19.32	231	91.7	208-230/460	12.2	1
15	1800	254T	EM8010T	3,237	SD	23.25	255	92.4	208-230/460	18.5	1
<b>C-Face, Foot Mounted, No Drip Cover</b>											
1/2	3600	56C	CM8537	611	SD	11.34	20	68	230/460	1	1, 30
	1800	56C	CM8001	637	SD	11.34	24	74	230/460	1	1, 30
	1200	56C	CM8539	829	SD	11.34	31	72	230/460	1.2	1, 30
3/4	1800	56C	CM8002	795	SD	11.34	27	75.5	230/460	1.5	1
	1200	56C	CM8543	977	SD	12.84	34	77	208-230/460	1.5	1
1	1800	56C	CM8003	865	SD	12.84	31	78.5	208-230/460	1.7	1
	1200	56C	CM8556	1,043	SD	12.24	35	78.5	208-230/460	1.9	1
1 1/2	1800	56C	CM8004	947	SD	12.24	37	81.5	208-230/460	2.3	1
<b>C-Face, Footless, No Drip Cover</b>											
1/2	3600	56C	VM8537	599	SD	11.35	19	68	230/460	1	1, 30
	1800	56C	VM8001	612	SD	11.35	27	74	230/460	1	1, 30
		56C	VM8001-5	612	SD	11.35	24	74	575	0.8	1
3/4	3600	56C	VM8541	757	SD	11.35	22	74	230/460	1.3	1
	1800	56C	VM8002	771	SD	11.35	30	75.5	230/460	1.5	1, 30
		56C	VM8002-5	771	SD	11.35	27	75.5	575	1.2	1
1	3600	56C	VM8012	760	SD	11.35	28	75.5	230/460	1.8	1, 30
	1800	56C	VM8003	829	SD	12.85	36	78.5	208-230/460	1.7	1
		143TC	VEM8003T-5	1,198	SD	13.25	53	85.5	575	1.2	1
		143TC	VM8003T	937	SD	13.25	53	82.5	208-230/460	1.6	1
		143TC	VM8003T-5	937	SD	13.25	58	82.5	575	1.1	1
1 1/2	3600	56C	VM8550	900	SD	12.24	38	82.5	208-230/460	2.1	1
	1800	56C	VM8004	884	SD	12.24	37	81.5	208-230/460	2.3	1
		145TC	VEM8004T-5	1,243	SD	13.25	69	88.5	575	1.7	1
		145TC	VM8004T	919	SD	13.25	62	84	208-230/460	2.4	1
		145TC	VM8004T-5	919	SD	13.25	66	84	575	1.7	1
2	3600	56C	VM8016	954	SD	12.69	58	78.5	208-230/460	2.7	1
		145TC	VM8016T	1,030	SD	13.25	67	84	208-230/460	2.6	1
		56C	VM8005	898	SD	12.69	57	82.5	208-230/460	3	1
	1800	145TC	VEM8005T-5	1,291	SD	13.25	60	86.5	575	2.3	1
		145TC	VM8005T	969	SD	13.25	62	84	208-230/460	3.1	1
		145TC	VM8005T-5	969	SD	13.25	62	84	575	2.2	1

(a) See notes on inside back flap.  
Dirty duty not recommended for a chlorine atmosphere.  
■ Cast Iron Frame



Dirty Duty, Three Phase, TEFC

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
3	3600	145TC	VM8559T	1,125	SD	13.25	66	85.5	208-230/460	3.7	1
	1800	182TC	VM8006T	1,319	SD	15.24	100	87.5	208-230/460	4.1	1
5	1800	184TC	VM8007T	1,475	SD	16.69	105	87.5	208-230/460	6.9	8
7 1/2	1800	213TC	VM8008T	1,902	SD	20.06	164	89.5	208-230/460	10.3	1
10	1800	215TC	VM8024T	2,138	SD	20.06	169	89.5	208-230/460	13	8

(a) See notes on inside back flap.

Dirty duty not recommended for a chlorine atmosphere.

■ Cast Iron Frame

Dirty Duty, Autophoretic, Three Phase, 230/460 Volts, C-Face, Foot Mounted



1/2 thru 10 Hp

NEMA 56C thru 256TC

**Applications:** The most severe and corrosive applications, those which use intense high-pressure washdown, and marine applications. Corrosion-resistant autophoretic coating on steel and cast-iron components.

**Features:** Corrosion-resistant autophoretic coating on steel and cast iron components, stainless steel shaft extension, non-contact rotating labyrinth shaft seal on drive and fan ends, threaded drain ports, stainless steel plugs, gasketed and sealed conduit box, IP56 enclosure. Weatherproof per IEEE 45 and USCG 259 marine duty (below deck duty only). Class F insulated motor with 1.15 service factor. CEWAM Super-E® motors have NEMA Premium® efficiency and 3 year warranty.

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/2	1800	56C	TENV	CWAM3538	715	SD	11.05	33	80	208-230/460	0.8	1, 12, 60
3/4	1800	56C	TENV	CWAM3542	825	SD	11.05	33	78.5	230/460	1.4	1, 12, 30, 60
	3600	56C	TEFC	CWAM3545	851	SD	12.28	39	74	208-230/460	1.6	1, 12
1	1800	56C	TENV	CWAM3546	854	SD	11.05	34	82.5	208-230/460	1.5	1, 60
		143TC	TENV	CWAM3546T	854	SD	12.12	34	82.5	208-230/460	1.5	1, 60
	1200	56C	TEFC	CWAM3556	1,101	SD	12.28	45	78.5	208-230/460	1.9	1
1 1/2	3600	56C	TEFC	CWAM3550	953	SD	13.28	35	75.5	208-230/460	2.3	1
	1800	145TC	TENV	CWAM3554T	894	SD	12.12	41	85.5	208-230/460	2.3	1, 60
	1200	56C	TEFC	CWAM3557	1,248	SD	14.16	39	80	208-230/460	2.5	1
2	3600	56C	TEFC	CWAM3555	1,048	SD	13.28	43	78.5	208-230/460	2.7	1
	1800	56C	TEFC	CWAM3558	1,101	SD	13.28	39	84	208-230/460	3.1	1, 60
		145TC	TEFC	CEWAM3558T	1,343	SD	14.23	53	86.5	208-230/460	2.9	1
3	3600	145TC	TEFC	CEWAM3559T	1,450	SD	14.23	50	86.5	208-230/460	3.6	1
	1800	182TC	TEFC	CEWAM3611T	1,577	SD	16.60	70	89.5	208-230/460	4.2	1
	1200	213TC	TEFC	CEWAM3704T	2,075	SD	19.76	149	89.5	208-230/460	4.6	1
5	3600	184TC	TEFC	CEWAM3613T	1,602	SD	16.60	96	88.5	208-230/460	5.6	1
	1800	184TC	TEFC	CEWAM3615T	1,785	SD	18.10	93	89.5	208-230/460	6.7	1
	1200	215TC	TEFC	CEWAM3708T	2,599	SD	20.51	181	89.5	208-230/460	7.2	1
7 1/2	3600	213TC	TEFC	CEWAM3709T	2,387	SD	18.63	138	89.5	208-230/460	8.6	1
	1800	213TC	TEFC	CEWAM3710T	2,358	SD	19.76	142	91.7	208-230/460	9.4	1
	1200	254TC	TEFC	CEWAM22976T	4,136	SD	23.57	255	91	208-230/460	11	1
10	3600	215TC	TEFC	CEWAM3711T	2,408	SD	18.63	156	90.2	208-230/460	11.8	1
	1800	215TC	TEFC	CEWAM3714T	2,601	SD	21.26	185	91.7	208-230/460	12	1
	1200	256TC	TEFC	CEWAM23932T	4,650	SD	23.57	283	91	208-230/460	15.1	1

(a) See notes on inside back flap.

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

**BALDOR • RELIANCE**

**Dirty Duty,  
Autophoretic,  
Three Phase,  
230/460 Volts,  
C-Face, Footless**

**1/2 thru 10 Hp**

**NEMA 56C thru 215TC**

**Applications:** The most severe and corrosive applications, those which use intense high-pressure washdown, and marine applications. Corrosion-resistant autophoretic coating on steel and cast-iron components.

**Features:** Corrosion-resistant autophoretic coating on steel and cast iron components, stainless steel shaft extension, non-contact rotating labyrinth shaft seal on drive and fan ends, threaded drain ports, stainless steel plugs, gasketed and sealed conduit box, IP56 enclosure. No drip cover. Weatherproof per IEEE 45 and USCG 259 marine duty (below deck duty only). Class F insulated motor with 1.15 service factor.



Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/2	1800	56C	TENV	<b>VWAM3538</b>	707	SD	11.05	33	80	208-230/460	0.8	1, 12, 60
3/4	1800	56C	TENV	<b>VWAM3542</b>	818	SD	11.05	37	78.5	208-230/460	1.4	1, 12, 60
1	1800	56C	TENV	<b>VWAM3546</b>	849	SD	11.05	34	82.5	208-230/460	1.5	1, 60
		143TC	TENV	<b>VWAM3546T</b>	849	SD	11.13	41	82.5	208-230/460	1.5	1, 60
1 1/2	1800	56C	TENV	<b>VWAM3554</b>	890	SD	12.05	41	85.5	208-230/460	2.3	1, 60
		145TC	TENV	<b>VWAM3554T</b>	890	SD	12.13	49	85.5	208-230/460	2.3	1, 60
2	1800	56C	TEFC	<b>VWAM3558</b>	1,095	SD	13.28	43	82.5	208-230/460	3	1
		145TC	TEFC	<b>VWAM3558T</b>	1,182	SD	13.35	39	84	208-230/460	3.1	1
3	1800	182TC	TEFC	<b>VWAM3611T</b>	1,431	SD	16.60	72	87.5	208-230/460	4.5	1
5	1800	184TC	TEFC	<b>VWAM3615T</b>	1,668	SD	16.60	91	87.5	208-230/460	6.8	1
7 1/2	1800	213TC	TEFC	<b>VWAM3710T</b>	2,038	SD	18.63	115	89.5	208-230/460	10.1	1
10	1800	215TC	TEFC	<b>VWAM3714T</b>	2,324	SD	19.76	136	89.5	208-230/460	13.5	1

(a) See notes on inside back flap.

General Information  
Single Phase Motors  
General Purpose Industrial Motors  
Severe Duty Motors  
Large AC Motors  
Washdown Duty Motors  
Explosion Proof Motors  
Pump Motors  
Light Industrial/Commercial Motors  
HVAC Motors