

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

1 thru 400 Hp

NEMA 143T thru 5011LY

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: CP motors are XT design and 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, tropicalization, stainless steel nameplate and corrosion resistant hardware. ECP/XEX Super-E® motors have NEMA Premium® efficiency and 3 year warranty.



General Information
Premium Efficient Super-E® Motors
Single Phase Motors
General Purpose Industrial Motors
Severe Duty Motors
Washdown Duty Motors
Explosion Proof Motors
Pump Motors
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)	
1	3600	143T	TEFC	ECP3580T-4	799	SD	12.88	55	84	460	1.4	1	
		143T	TEFC	CP3580T-4	676	SD	12.75	50	77	460	1.5	1	
		143T	TENV	ENCP3580T-4	836	SD	11.38	56	84	230/460	1.4	1	
	1800	143T	TEFC	ECP3581T	878	SD	12.88	61	87.5	208-230/460	1.5	1	
		143T	TEFC	ECP3581T-4	878	SD	12.88	60	87.5	460	1.5	1	
		143T	TEFC	CP3581T	682	SD	12.75	55	82.5	208-230/460	1.65	1	
		143T	TEFC	CP3581T-4	682	SD	12.75	56	82.5	460	1.65	1	
	1200	143T	TENV	ENCP3581T-4	915	SD	11.38	60	87.5	230/460	1.5	1	
		145T	TEFC	ECP3582T	970	SD	12.88	67	82.5	208-230/460	1.8	1	
		145T	TEFC	ECP3582T-4	970	SD	12.88	64	82.5	460	1.8	1	
	900	145T	TEFC	CP3582T	811	SD	12.75	61	80	208-230/460	1.8	1	
		145T	TEFC	CP3582T-4	811	SD	12.75	61	80	460	1.8	1	
L182T		TEFC	ECP3687T-4	1,363	SD	17.12	135	82.5	460	1.75	1		
1 1/2	3600	143T	TEFC	ECP3583T-4	909	SD	12.88	66	85.5	460	2	1	
		143T	TEFC	CP3583T-4	767	SD	12.75	49	82.5	460	2.1	1	
	1800	145T	TEFC	ECP3584T	895	SD	12.88	67	88.5	208-230/460	2.1	1	
		145T	TEFC	ECP3584T-4	895	SD	12.88	65	88.5	460	2.1	1	
		145T	TEFC	CP3584T	696	SD	12.75	60	84	208-230/460	2.3	1	
	1200	145T	TEFC	CP3584T-4	696	SD	12.75	62	84	460	2.1	1	
		182T	TEFC	ECP3667T	1,135	SD	15.62	136	87.5	208-230/460	2.4	1	
		182T	TEFC	ECP3667T-4	1,135	SD	15.62	135	87.5	460	2.4	1	
		182T	TEFC	CP3667T	933	SD	15.62	124	85.5	208-230/460	2.2	1	
	900	182T	TEFC	CP3667T-4	933	SD	15.62	125	85.5	460	2.2	1	
		L184T	TEFC	ECP3668T-4	1,696	SD	17.12	146	84	460	2.4	1	
		145T	TEFC	ECP3586T-4	951	SD	12.88	66	86.5	460	2.5	1	
2	3600	145T	TEFC	CP3586T-4	816	SD	12.75	64	84	460	2.6	1	
		145T	TEFC	ECP3587T	934	SD	12.88	69	86.5	208-230/460	2.7	1	
	1800	145T	TEFC	ECP3587T-4	934	SD	12.88	69	86.5	460	2.7	1	
		145T	TEFC	CP3587T	715	SD	12.75	64	84	208-230/460	2.8	1	
		145T	TEFC	CP3587T-4	715	SD	12.75	64	84	460	2.8	1	
	1200	L184T	TEFC	ECP3664T	1,150	SD	17.12	144	88.5	208-230/460	3	1	
		L184T	TEFC	ECP3664T-4	1,150	SD	17.12	137	87.5	460	2.8	1	
		184T	TEFC	CP3664T	998	SD	15.62	123	86.5	208-230/460	2.9	1	
		184T	TEFC	CP3664T-4	998	SD	15.62	129	86.5	460	2.9	1	
	900	L213T	TEFC	ECP3772T-4	2,139	SD	20.19	200	85.5	460	3.2	1	
		3600	182T	TEFC	ECP3660T	1,125	SD	15.62	104	88.5	230/460	3.6	1
			182T	TEFC	ECP3660T-4	1,125	SD	15.62	118	88.5	460	3.6	1
182T	TEFC		CP3660T-4	981	SD	15.62	110	85.5	460	4	1		
1800	L182T	TEFC	ECP3661T	1,182	SD	17.12	131	89.5	230/460	4.2	1,30		
	182T	TEFC	ECP3661T-4	1,182	SD	15.62	136	89.5	460	4.2	1		
	182T	TEFC	CP3661T	1,005	SD	15.62	115	87.5	230/460	3.9	1,30		
	182T	TEFC	CP3661T-4	1,005	SD	15.62	115	87.5	460	3.9	1		

(a) See notes on inside back flap and pages 5-6.

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).

Custom TEFC motors available through 2250 Hp; Open and WPII motors through 15000 Hp. Contact your Baldor•Reliance Sales Representative.

FOR OTHER 208-230/460 VOLT REQUIREMENTS, PLEASE SEE DIRTY DUTY MOTORS ON PAGE 75.

Cast Iron Frame

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)
3	1200	213T	TEFC	ECP3764T	1,660	SD	19.31	181	89.5	230/460	4.2	1,30
		213T	TEFC	ECP3764T-4	1,660	SD	19.31	186	89.5	460	4.2	1,30
		213T	TEFC	CP3764T	1,354	SD	19.31	152	87.5	208-230/460	4.4	1
		213T	TEFC	CP3764T-4	1,354	SD	19.31	154	87.5	460	4.4	1
	900	L215T	TEFC	ECP3775T-4	2,320	SD	20.19	205	85.5	460	4.7	1
5	3600	184T	TEFC	ECP3663T	1,384	SD	15.93	128	88.5	230/460	5.6	1
		184T	TEFC	ECP3663T-4	1,384	SD	15.62	128	88.5	460	6	1
		184T	TEFC	CP3663T-4	1,237	SD	15.62	120	87.5	460	6.1	1
	1800	L184T	TEFC	ECP3665T	1,203	SD	17.12	143	89.5	230/460	6.6	1,30
		L184T	TEFC	ECP3665T-4	1,203	SD	17.12	137	89.5	460	6.6	1
		184T	TEFC	CP3665T	1,038	SD	15.62	125	87.5	208-230/460	6.5	1
		184T	TEFC	CP3665T-4	1,038	SD	15.62	121	87.5	460	6.5	1
	1200	L215T	TEFC	ECP3768T	1,682	SD	20.19	199	89.5	230/460	6.8	1,30
		L215T	TEFC	ECP3768T-4	1,682	SD	20.19	197	89.5	460	6.8	1
		215T	TEFC	CP3768T	1,576	SD	19.31	164	87.5	208-230/460	6.8	1
		215T	TEFC	CP3768T-4	1,576	SD	19.31	163	87.5	460	6.8	1
	900	254T	TEFC	ECP2280T-4	3,693	SD	24.56	337	89.5	460	7.3	1
7 1/2	3600	213T	TEFC	ECP3769T	1,806	SD	19.31	178	90.2	230/460	8.6	1
		213T	TEFC	ECP3769T-4	1,806	SD	19.31	191	90.2	460	8.6	1
		213T	TEFC	CP3769T-4	1,557	SD	19.31	163	88.5	460	9	1
	1800	L213T	TEFC	ECP3770T	1,515	SD	20.19	199	91.7	230/460	9.4	1
		L213T	TEFC	ECP3770T-4	1,515	SD	20.19	199	91.7	460	9.4	1
		213T	TEFC	CP3770T	1,384	SD	19.31	167	89.5	208-230/460	9.5	1
		213T	TEFC	CP3770T-4	1,384	SD	19.31	168	89.5	460	10.3	1
	1200	254T	TEFC	ECP2276T	2,407	SD	24.56	344	91	230/460	9.9	1
		254T	TEFC	ECP2276T-4	2,407	SD	24.56	308	90.2	460	9.6	1
		254T	TEFC	CP2276T	1,712	SD	24.56	301	89.5	208-230/460	9.8	1
		254T	TEFC	CP2276T-4	1,712	SD	23.56	296	89.5	460	9.8	1
	900	256T	TEFC	ECP2401T-4	4,223	SD	24.56	370	90.2	460	10.5	1
10	3600	215T	TEFC	ECP3771T	1,923	SD	19.31	188	91	230/460	11.1	1
		215T	TEFC	ECP3771T-4	1,923	SD	19.31	188	91	460	11.1	1
		215T	TEFC	CP3771T-4	1,666	SD	19.31	168	89.5	460	11.7	1
	1800	L215T	TEFC	ECP3774T	1,814	SD	20.19	210	91.7	230/460	12.3	1
		L215T	TEFC	ECP3774T-4	1,814	SD	20.19	210	91.7	460	12.3	1
		215T	TEFC	CP3774T	1,500	SD	19.31	178	89.5	208-230/460	12.2	1
		215T	TEFC	CP3774T-4	1,500	SD	19.31	178	89.5	460	13	1
	1200	256T	TEFC	ECP2332T	3,127	SD	24.56	347	91	230/460	12.5	1
		256T	TEFC	ECP2332T-4	3,127	SD	24.56	342	91	460	12.5	1
		256T	TEFC	CP2332T	2,420	SD	24.56	310	89.5	230/460	12.9	1
		256T	TEFC	CP2332T-4	2,420	SD	24.56	310	89.5	460	12.9	1
	900	284T	TEFC	ECP2402T-4	4,926	SD	27.44	445	90.2	460	13.7	1
15	3600	215T	TEFC	CP3773T-4	2,098	SD	19.32	226	90.2	460	17	1
		254T	TEFC	ECP2294T	2,460	SD	24.56	349	91.7	230/460	16.8	1
		254T	TEFC	ECP2394T-4	2,460	SD	24.56	349	91.7	460	16.8	1
		254T	TEFC	CP2394T-4	2,144	SD	24.56	291	90.2	460	17.6	1
	1800	254T	TEFC	ECP2333T	2,311	SD	24.56	326	92.4	230/460	18.1	1
		254T	TEFC	ECP2333T-4	2,311	SD	24.56	323	92.4	460	18.1	1
		254T	TEFC	CP2333T	1,993	SD	24.56	299	91	208-230/460	19.5	1
		254T	TEFC	CP2333T-4	1,993	SD	21.94	297	91	460	18.5	1
	1200	284T	TEFC	ECP4100T	3,585	SD	27.44	439	92.4	230/460	18.7	1
		284T	TEFC	ECP4100T-4	3,585	SD	27.44	441	92.4	460	18.7	1
		284T	TEFC	CP4100T-4	3,403	SD	26.03	386	90.2	460	21	1
		284T	TEFC	CP4100T	3,403	SD	27.56	384	90.2	230/460	21	1,30
900	286T	TEFC	ECP2395T-4	6,576	SD	27.44	442	90.2	460	20	1	

(a) See notes on inside back flap and pages 5-6.

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).

Custom TEFC motors available through 2250 Hp; Open and WPII motors through 15000 Hp. Contact your Baldor•Reliance Sales Representative.

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■ Cast Iron Frame

General Information

Premium Efficient Super-E® Motors

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

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)	
20	3600	256T	TEFC	ECP4106T	2,870	SD	24.56	348	91.7	230/460	22.3	1	
		256T	TEFC	ECP4106T-4	2,870	SD	24.56	345	91.7	460	22.3	1	
		256T	TEFC	CP4106T-4	2,174	SD	24.56	298	90.2	460	23.8	1	
	1800	256T	TEFC	ECP2334T	2,479	SD	24.56	356	93	230/460	24	1	
		256T	TEFC	ECP2334T-4	2,479	SD	24.56	355	93	460	24	1	
		256T	TEFC	CP2334T	2,220	SD	24.56	316	91	230/460	25.4	1	
	1200	256T	TEFC	CP2334T-4	2,220	SD	24.56	310	91	460	25.4	1	
		286T	TEFC	ECP4102T	4,871	SD	27.44	453	92.4	230/460	24.8	1	
		286T	TEFC	ECP4102T-4	4,871	SD	27.44	456	92.4	460	24.8	1	
	900	286T	TEFC	CP4102T	3,967	SD	27.44	425	90.2	230/460	27	1	
		286T	TEFC	CP4102T-4	3,967	SD	27.44	414	90.2	460	27	1	
		324T	TEFC	ECP4112T-4	7,497	SD	30.44	620	91	460	26.5	1	
25	3600	284TS	TEFC	ECP4107T	3,449	SD	26.06	398	93	230/460	28.1	1	
		284TS	TEFC	ECP4107T-4	3,449	SD	26.06	449	93	460	28.1	1	
		284TS	TEFC	CP4107T-4	2,722	SD	26.06	457	91	460	29.7	1	
	1800	284T	TEFC	ECP4103T	3,244	SD	27.44	454	93.6	230/460	29.7	1	
		284T	TEFC	ECP4103T-4	3,244	SD	27.44	456	93.6	460	29.7	1	
		284T	TEFC	CP4103T	2,693	SD	27.44	412	92.4	230/460	31	1	
	1200	284T	TEFC	CP4103T-4	2,693	SD	27.44	414	92.4	460	29	1	
		324T	TEFC	ECP4111T	5,090	SD	30.44	651	93	230/460	30.9	1	
		324T	TEFC	ECP4111T-4	5,090	SD	30.44	650	93	460	30.9	1	
	324T	324T	TEFC	CP4111T	4,839	SD	30.44	575	91.7	230/460	33	1	
		324T	TEFC	CP4111T-4	4,839	SD	30.44	587	91.7	460	33	1	
		286TS	TEFC	ECP4108T	4,205	SD	26.06	450	93	230/460	33.9	1	
30	3600	284TS	TEFC	CP4108T-4	2,977	SD	24.66	411	91	460	34	1	
		286TS	TEFC	ECP4108T-4	4,205	SD	26.06	451	93	460	33.9	1	
		286T	TEFC	ECP4104T	3,852	SD	27.44	462	93.6	230/460	36.1	1	
	1800	286T	TEFC	ECP4104T-4	3,852	SD	27.44	452	93.6	460	36.1	1	
		286T	TEFC	CP4104T	3,231	SD	27.44	427	92.4	230/460	37	1	
		286T	TEFC	CP4104T-4	3,231	SD	27.44	417	92.4	460	36	1	
	1200	326T	TEFC	ECP4117T	6,562	SD	30.44	698	93.6	230/460	36.4	1	
		326T	TEFC	ECP4117T-4	6,562	SD	30.44	695	93.6	460	36.4	1	
		326T	TEFC	CP4117T	5,133	SD	30.44	608	91.7	230/460	38.9	1	
	326T	326T	TEFC	CP4117T-4	5,133	SD	30.44	608	91.7	460	39	1	
		324TS	TEFC	ECP4109T	5,777	SD	28.94	557	94.1	230/460	44.3	1	
		324TS	TEFC	ECP4109T-4	5,777	SD	28.94	653	94.1	460	44.3	1	
40	3600	324TS	TEFC	CP4109T-4	4,309	SD	28.94	560	91.7	460	45	1	
		324T	TEFC	ECP4110T	5,040	SD	30.44	647	94.1	230/460	47.7	1	
		324T	TEFC	ECP4110T-4	5,040	SD	30.44	658	94.1	460	47.7	1	
	1800	324T	TEFC	CP4110T	4,299	SD	30.44	619	93	230/460	49.5	1	
		324T	TEFC	CP4110T-4	4,299	SD	30.44	615	93	460	47	1	
		364T	TEFC	ECP4308T	8,179	SD	33.44	865	94.1	230/460	49.4	1	
	1200	364T	TEFC	ECP4308T-4	8,179	SD	33.44	893	94.1	460	49.4	1	
		364T	TEFC	CP4308T	7,106	SD	33.44	817	93	230/460	49.4	1	
		326TS	TEFC	ECP4114T	6,054	SD	28.94	683	94.1	230/460	55.5	1	
	50	3600	326TS	TEFC	ECP4114T-4	6,054	SD	28.94	680	94.1	460	55.5	1
			326T	TEFC	ECP4115T	5,916	SD	30.44	720	94.5	230/460	58.4	1
			326T	TEFC	ECP4115T-4	5,916	SD	30.44	704	94.5	460	58.4	1
1800		326T	TEFC	CP4115T	5,075	SD	30.44	634	93	230/460	63.2	1	
		326T	TEFC	CP4115T-4	5,075	SD	30.44	630	93	460	60	1	
		365T	TEFC	ECP4312T	8,712	SD	33.44	899	94.1	230/460	61	1	
1200		365T	TEFC	ECP4312T-4	8,712	SD	33.44	893	94.1	460	61.7	1	
		365T	TEFC	CP4312T	7,568	SD	32.84	820	93	230/460	61	1	

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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).

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■ Cast Iron Frame

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	8,786	SD	31.31	748	95	230/460	65.1	1
		364TS	TEFC	ECP4310T-4	8,786	SD	31.31	816	95	460	65.1	1
	1800	364T	TEFC	ECP4314T	7,929	SD	33.44	847	95	230/460	69	1
		364T	TEFC	ECP4314T-4	7,929	SD	33.44	862	95	460	68	1
		364T	TEFC	CP4314T	6,869	SD	33.44	785	93.6	230/460	73.4	1
		364T	TEFC	CP4314T-4	6,869	SD	33.44	793	93.6	460	71	1
	1200	404T	TEFC	ECP4403T	11,900	SD	38.31	1,257	94.5	230/460	72	1
		404T	TEFC	ECP4403T-4	11,900	SD	38.31	1,308	95	460	69	1
		405T	TEFC	CP4403T	10,570	SD	38.31	1,173	93.6	230/460	70	1
75	3600	365TS	TEFC	ECP4313T	9,822	SD	31.31	964	95	230/460	80.7	1
		365TS	TEFC	ECP4313T-4	9,822	SD	31.31	911	95	460	80.7	1
	1800	365T	TEFC	ECP4316T	9,265	SD	33.44	931	95.4	230/460	85.9	1
		365T	TEFC	ECP4316T-4	9,265	SD	33.44	887	95.4	460	85.9	1
		365T	TEFC	CP4316T	8,256	SD	33.44	826	94.1	230/460	87	1
		365T	TEFC	CP4316T-4	8,256	SD	33.44	868	94.1	460	86	1
	1200	405T	TEFC	ECP4404T	14,483	SD	38.31	1,305	95	230/460	88	1
		405T	TEFC	ECP4404T-4	14,483	SD	38.31	1,160	95	460	86.9	1
		405T	TEFC	CP4404T	12,585	SD	38.31	1,218	93.6	230/460	88	1
100	3600	405TS	TEFC	ECP4402T	12,346	SD	35.31	1,119	93.6	230/460	116	1
		405TS	TEFC	ECP4402T-4	12,346	SD	35.31	1,266	95	460	110	1
	1800	405T	TEFC	ECP4400T-4	12,162	SD	38.31	1,343	95.4	460	112	1
		405TS	TEFC	ECP4400TS-4	12,162	SD	35.31	1,292	95.4	460	112	1
		405T	TEFC	CP4400T-4	9,461	SD	38.31	1,190	94.5	460	113	1
	1200	444T	TEFC	ECP4409T-4	15,930	SD	44.62	1,765	95	460	115	1
	125	3600	444TS	TEFC	ECP4412T	14,507	SD	40.88	1,654	94.5	230/460	144
444TS			TEFC	ECP4412T-4	14,507	SD	40.88	1,712	95.4	460	137	1
1800		444T	TEFC	ECP4410T-4	14,378	SD	44.62	1,781	95.8	460	139	1
1200		445T	TEFC	ECP4411T-4	17,996	SD	44.62	1,884	95.4	460	143	1
150	3600	445TS	TEFC	ECP4413T	17,007	SD	40.88	1,634	94.5	460	173	1
		445TS	TEFC	ECP4413T-4	17,007	SD	40.88	1,921	96.2	460	164	1
	1800	445T	TEFC	ECP4406T-4	16,844	SD	44.62	1,922	96.2	460	165	1
		445T	TEFC	CP4406T-4	15,286	SD	44.62	1,730	95	460	170	1
		445T	TEFC	ECP44156T-4	20,290	SD	48.40	2,006	95.4	460	170	1
	1200	447T	TEFC	ECP44156TR-4	20,290	SD	48.40	2,048	96.2	460	173	1,5
	200	3600	445TS	TEFC	ECP44202T-4	20,139	SD	40.88	1,986	96.2	460	222
445TS			TEFC	CP44404T-4	18,604	SD	40.88	1,841	95	460	220	1
447TS			TEFC	ECP4416T-4	20,139	SD	44.16	2,129	96.2	460	222	1
1800		445T	TEFC	CP44204TR-4	18,817	SD	44.63	1,961	95	460	225	1,5
		447T	TEFC	ECP4407T-4	20,263	SD	48.40	2,417	96.2	460	221	1,27
		447T	TEFC	ECP4407TR-4	20,555	SD	48.40	2,077	96.2	460	221	1,5
		447TS	TEFC	ECP4407TS-4	20,555	SD	44.65	2,358	96.2	460	221	1,27
1200		449T	TEFC	ECP44206T-4	26,578	SD	53.40	2,809	96.2	460	223	1,27
		449T	TEFC	ECP44206TR-4	26,578	SD	53.40	2,848	96.2	460	223	1,5
250	3600	449TS	TEFC	ECP44252T-4	30,796	SD	44.65	2,424	96.2	460	275	1,27
	1800	447T	TEFC	CP44254TR-4	23,197	SD	48.40	2,030	95.4	460	278	1,5
		449T	TEFC	ECP4408TR-4	25,714	SD	53.40	2,764	96.2	460	272	1,5
		449T	TEFC	ECP4408T-4	25,714	SD	53.40	2,745	96.2	460	272	1,27
	1200	449T	TEFC	ECP44256T-4	37,079	SD	53.40	2,973	96.2	460	283	1,27
		449T	TEFC	ECP44256TR-4	37,079	SD	53.40	2,999	96.2	460	283	1,5
300	3600	449TS	TEFC	ECP44302T-4	45,010	SD	49.65	2,500	96.2	460	326	1,27
	1800	449T	TEFC	ECP44304TR-4	35,442	SD	53.40	2,925	96.5	460	326	1,5
		449T	TEFC	ECP44304T-4	35,442	SD	53.40	2,853	96.5	460	326	1,27

(a) See notes on inside back flap and pages 5-6.

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).

Custom TEFC motors available through 2250 Hp; Open and WPII motors through 15000 Hp. Contact your Baldor•Reliance Sales Representative.

FOR OTHER 208-230/460 VOLT REQUIREMENTS, PLEASE SEE DIRTY DUTY MOTORS ON PAGE 75.

■ Cast Iron Frame

General Information

Premium Efficient Super-E® Motors

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

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)
350	3600	449TS	TEFC	ECP44352T-4	54,025	SD	49.65	2,848	96.2	460	375	1,27
	1800	449T	TEFC	ECP44354T-4	42,529	SD	53.40	3,041	96.2	460	392	1,27
	1200	5011LY	TEFC	ECP50356L-4	58,658	LM	72.05	5,732	95.8	460	386	1,27,64
400	3600	449TS	TEFC	ECP44402T-4	63,206	SD	49.65	2,845	96.5	460	435	1,27
	1800	L449T	TEFC	ECP44404T-4	53,119	SD	60.13	3,459	95.8	460	442	1,27,64

(a) See notes on inside back flap and pages 5-6.

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).

Custom TEFC motors available through 2250 Hp; Open and WPII motors through 15000 Hp. Contact your Baldor•Reliance Sales Representative.

FOR OTHER 208-230/460 VOLT REQUIREMENTS, PLEASE SEE DIRTY DUTY MOTORS ON PAGE 75.

■ Cast Iron Frame

General Information

Premium Efficient Super-E® Motors

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

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: 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, tropicalization, stainless steel nameplate and corrosion resistant hardware. ECP/XEX 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)
1	1800	143T	ECP3581T-5	878	SD	12.88	60	86.5	575	1.1	1
1 1/2	1800	145T	ECP3584T-5	895	SD	12.88	65	86.5	575	1.6	1
2	1800	145T	ECP3587T-5	934	SD	12.88	68	86.5	575	2.2	1
3	1800	L182T	ECP3661T-5	1,182	SD	15.93	103	89.5	575	3.2	1
	1200	213T	ECP3764T-5	1,660	SD	19.32	186	89.5	575	4	1
5	1800	L184T	ECP3665T-5	1,203	SD	15.93	121	89.5	575	5.2	1
	1200	L215T	ECP3768T-5	1,682	SD	19.32	205	89.5	575	6.4	1
7 1/2	1800	213T	ECP3770T-5	1,515	SD	19.32	178	91.7	575	8	1
	1200	254T	ECP2276T-5	2,407	SD	24.69	267	91.7	575	8.7	1
10	1800	L215T	ECP3774T-5	1,814	SD	19.32	215	91.7	575	9.52	1
	1200	256T	ECP2332T-5	3,127	SD	24.69	286	91.7	575	11.5	1
15	1800	254T	ECP2333T-5	2,311	SD	24.69	255	92.4	575	14.4	1
	1200	284T	ECP4100T-5	3,585	SD	27.93	425	92.4	575	14.9	1
20	1800	256T	ECP2334T-5	2,479	SD	24.37	303	93	575	19.2	1
	1200	286T	ECP4102T-5	4,871	SD	27.93	452	93	575	20.6	1
25	1800	284T	ECP4103T-5	3,244	SD	27.93	427	93.6	575	23.9	1
	1200	324T	ECP4111T-5	5,090	SD	30.16	556	93	575	25.3	1
30	1800	286T	ECP4104T-5	3,852	SD	27.93	471	94.1	575	29	1
40	1800	324T	ECP4110T-5	5,040	SD	30.16	578	94.5	575	36.8	1
50	1800	326T	ECP4115T-5	5,916	SD	30.16	640	94.5	575	45.6	1
60	1800	364T	ECP4314T-5	7,929	SD	32.84	821	95	575	55	1
75	1800	365T	ECP4316T-5	9,265	SD	32.84	912	95.4	575	69.2	1
100	1800	405T	ECP4400T-5	12,162	SD	38.03	1,178	95.4	575	87	1
125	1800	444T	ECP4410T-5	14,378	SD	45.29	1,675	95.4	575	111.5	1
150	1800	445T	ECP4406T-5	16,844	SD	45.29	1,823	96.2	575	132	1
200	1800	447T	ECP4407T-5	20,263	SD	48.87	2,345	96.2	575	179	1

(a) See notes on inside back flap and pages 5-6.

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).

MEETS NRC CANADIAN STANDARDS FOR EFFICIENCY.

■ Cast Iron Frame

General Information

Premium Efficient Super-E® Motors

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Commercial Motors

HVAC Motors

**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, tropicalization, stainless steel nameplate and corrosion resistant hardware. VCP motors have XT features. VECP and CECP motors have XEX features. VECP and CECP/XEX Super-E® motors have NEMA Premium® efficiency and 3 year warranty.



General Information
Premium Efficient Super-E® Motors
Single Phase Motors
General Purpose Industrial Motors
Severe Duty Motors
Washdown Duty Motors
Explosion Proof Motors
Pump Motors
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)
C-Face, Foot Mounted												
1	3600	143TC	TENV	CECP3580T-4	875	SD	11.87	58	84	230/460	1.4	1
	1800	143TC	TEFC	CECP3581T	925	SD	13.38	61	87.5	208-230/460	1.5	1
		143TC	TENV	CECP3581T-4	951	SD	11.87	60	87.5	230/460	1.5	1
1 1/2	1800	145TC	TEFC	CECP3584T	943	SD	13.38	69	86.5	208-230/460	2	1
2	1800	145TC	TEFC	CECP3587T	982	SD	13.38	73	86.5	208-230/460	2.7	1
3	3600	182TC	TEFC	CECP3660T	1,209	SD	16.38	125	88.5	230/460	3.6	1
	1800	182TC	TEFC	CECP3661T	1,267	SD	16.38	145	89.5	230/460	4.2	1
5	3600	184TC	TEFC	CECP3663T	1,468	SD	16.38	142	88.5	230/460	6	1
	1800	L184TC	TEFC	CECP3665T	1,287	SD	17.88	152	89.5	230/460	6.6	1
7 1/2	3600	213TC	TEFC	CECP3769T	1,974	SD	20.06	189	90.2	230/460	8.6	1
	1800	213TC	TEFC	CECP3770T	1,684	SD	20.06	210	91.7	230/460	9.4	1
10	3600	215TC	TEFC	CECP3771T	2,090	SD	20.06	198	91	230/460	11.1	1
	1800	L215TC	TEFC	CECP3774T	1,982	SD	20.94	215	90.2	230/460	11.9	1
15	1800	254TC	TEFC	CECP2333T	2,816	SD	25.06	328	92.4	230/460	18.1	1
		254TC	TEFC	CECP2333T-4	2,981	SD	25.06	330	92.4	460	18.1	1
20	1800	256TC	TEFC	CECP2334T	2,985	SD	25.06	345	92.4	230/460	24	1
		256TC	TEFC	CECP2334T-4	2,985	SD	25.06	345	92.4	460	24	1
25	1800	284TC	TEFC	CECP4103T	3,945	SD	27.44	468	93.6	230/460	29.7	1
		284TC	TEFC	CECP4103T-4	3,945	SD	27.44	461	93.6	460	29.7	1
30	1800	286TC	TEFC	CECP4104T	4,553	SD	27.44	455	93.6	230/460	36.1	1
		286TC	TEFC	CECP4104T-4	4,553	SD	27.44	455	93.6	460	36.1	1
40	1800	324TC	TEFC	CECP4110T	5,812	SD	30.44	676	94.1	230/460	47.7	1
50	1800	326TC	TEFC	CECP4115T	6,688	SD	30.44	725	94.5	230/460	57	1
C-Face, Footless												
1	3600	56C	TEFC	VECP3580-4	842	SD	13.31	53	84	460	1.4	1
		56C	TEFC	VCP3580-4	715	SD	12.69	51	74	460	1.6	1
	1800	56C	TEFC	VECP3581	920	SD	14.50	66	87.5	208-230/460	1.5	1
		56C	TEFC	VECP3581-4	920	SD	13.31	58	87.5	460	1.5	1
		56C	TEFC	VCP3581	587	SD	12.69	54	77	208-230/460	1.7	1
		56C	TEFC	VCP3581-4	587	SD	12.69	54	77	460	1.7	1
		143TC	TEFC	VECP3581T	920	SD	14.57	62	86.5	208-230/460	1.4	1
		143TC	TEFC	VECP3681T-4	920	SD	13.38	58	86.5	460	1.4	1
		143TC	TEFC	VCP3581T	587	SD	13.95	56	82.5	208-230/460	1.56	1
		143TC	TEFC	VCP3581T-4	587	SD	12.75	53	82.5	460	1.56	1
	1200	145TC	TEFC	VECP3582T	1,014	SD	14.57	67	82.5	208-230/460	1.8	1
		145TC	TEFC	VCP3582T	853	SD	13.92	64	80	208-230/460	1.8	1
1 1/2	3600	143TC	TEFC	VECP3583T-4	950	SD	13.38	51	85.5	460	2	1
		143TC	TEFC	VCP3583T-4	806	SD	12.75	55	75.5	460	2.3	1
	1800	145TC	TEFC	VECP3584T	936	SD	14.56	66	88.5	208-230/460	2.1	1
		145TC	TEFC	VECP3584T-4	936	SD	13.38	64	88.5	460	2.1	1
		145TC	TEFC	VCP3584T	738	SD	13.92	60	84	208-230/460	2.3	1
		145TC	TEFC	VCP3584T-4	738	SD	12.75	57	78.5	460	2.5	1

(a) See notes on inside back flap and pages 5-6.

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

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)
C-Face, Footless (continued)												
1 1/2	1200	182TC	TEFC	VECP3667T	1,204	SD	18.56	146	87.5	208-230/460	2.4	1
		182TC	TEFC	VCP3667T	1,001	SD	18.56	138	85.5	208-230/460	2.6	1
2	3600	145TC	TEFC	VECP3586T-4	995	SD	13.38	48	86.5	460	2.5	1
		145TC	TEFC	VCP3586T-4	857	SD	12.75	59	78.5	460	2.7	1
	1800	145TC	TEFC	VECP3587T	975	SD	14.57	70	86.5	208-230/460	2.7	1
		145TC	TEFC	VECP3587T-4	975	SD	13.38	67	86.5	460	2.7	1
		145TC	TEFC	VCP3587T	754	SD	13.95	67	84	208-230/460	3	1
	1200	145TC	TEFC	VCP3587T-4	754	SD	12.75	60	82.5	460	3.1	1
		184TC	TEFC	VECP3664T	1,221	SD	18.56	151	88.5	208-230/460	3	1
			184TC	TEFC	VCP3664T	934	SD	18.56	136	86.5	208-230/460	2.9
3600			182TC	TEFC	VECP3660T-4	1,195	SD	18.56	132	88.5	460	3.6
			182TC	TEFC	VCP3660T-4	1,047	SD	18.56	125	80	460	3.9
3	1800	182TC	TEFC	VECP3661T	1,252	SD	18.56	142	89.5	230/460	4.2	1
				VECP3661T-4	1,252	SD	18.56	143	89.5	460	4	1
				VCP3661T	1,072	SD	18.56	132	87.5	208-230/460	4.1	1
	1200	182TC	TEFC	VCP3661T-4	1,072	SD	18.56	130	84	460	4.3	1
		213TC	TEFC	VECP3764T	1,802	SD	21.56	200	90.2	230/460	4.5	1
				VCP3764T	1,489	SD	21.56	175	87.5	208-230/460	5.1	1
5	3600	184TC	TEFC	VECP3663T-4	1,453	SD	18.56	143	89.5	460	5.7	1
				VCP3663T-4	1,305	SD	18.56	135	85.5	460	6	1
	1800	184TC	TEFC	VECP3665T	1,274	SD	18.56	150	89.5	230/460	6.6	1
				VECP3665T-4	1,274	SD	18.56	146	90.2	460	6.5	1
				VCP3665T	1,104	SD	18.56	146	85.5	208-230/460	6.6	1
				VCP3665T-4	1,104	SD	18.56	138	85.5	460	6.6	1
	1200	215TC	TEFC	VECP3768T	1,823	SD	21.56	203	90.2	230/460	7.3	1
	7 1/2	3600	213TC	TEFC	VECP3769T-4	1,947	SD	21.56	198	91	460	8.6
				VCP3769T-4	1,692	SD	21.56	181	84	460	9.1	1
213TC			TEFC	VECP3770T	1,655	SD	21.56	209	91.7	230/460	9.5	1
1800		213TC	TEFC	VECP3770T-4	1,655	SD	21.56	214	91.7	460	9.5	1
				VCP3770T	1,520	SD	21.56	187	89.5	208-230/460	10.3	1
				VCP3770T-4	1,520	SD	21.56	188	89.5	460	10.3	1
1200	254TC	TEFC	VECP2276T	2,857	SD	26.17	360	91.7	230/460	10.7	1	
			VCP2276T	2,144	SD	26.47	316	89.5	230/460	10.8	1	
10	3600	215TC	TEFC	VECP3771T-4	2,063	SD	21.56	200	91.7	460	11.2	1
				VCP3771T-4	1,800	SD	21.56	186	85.5	460	12	1
	1800	215TC	TEFC	VECP3774T	1,955	SD	21.23	212	92.4	230/460	12.5	1
				VECP3774T-4	1,955	SD	20.06	219	92.4	460	12.5	1
				VCP3774T	1,635	SD	21.11	191	89.5	208-230/460	13	1
				VCP3774T-4	1,635	SD	20.06	194	89.5	460	13	1
	1200	256TC	TEFC	VECP2332T	3,576	SD	26.47	361	91.7	230/460	14.2	1
				VCP2332T	2,853	SD	26.47	326	87.5	230/460	15	1
15	1800	254TC	TEFC	VECP2333T	2,761	SD	26.47	339	92.4	230/460	18.1	1
				VECP2333T-4	2,761	SD	26.47	340	92.4	460	18.1	1
				VCP2333T	2,426	SD	26.47	312	91	230/460	18.1	1
	1200	284TC	TEFC	VECP4100T	4,216	SD	29.35	472	93	230/460	18.7	1
			VCP4100T	4,013	SD	29.35	322	90.2	230/460	21	1	
20	1800	256TC	TEFC	VECP2334T	2,927	SD	26.97	356	92.4	230/460	24	1
				VCP2334T	2,653	SD	26.97	325	91	230/460	25	1
	1200	286TC	TEFC	VECP4102T	5,503	SD	29.37	482	93	230/460	26	1
				VCP4102T	4,575	SD	29.35	444	90.2	230/460	27	1
25	1800	284TC	TEFC	VECP4103T	3,876	SD	29.35	478	93.6	230/460	30	1
				VCP4103T	3,302	SD	29.35	439	92.4	230/460	29	1
	1200	324TC	TEFC	VECP4111T	5,792	SD	32.91	717	93	230/460	32	1
				VCP4111T	5,516	SD	33.03	655	91.7	230/460	31	1

(a) See notes on inside back flap and pages 5-6.

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

Premium Efficient Super-E® Motors

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

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 841-2001 TEFC motor standards for extreme severe duty service.

Features: Built to 841XL design. Upgraded electrical and mechanical design with NEMA Premium® efficient winding. Inpro/Seal® VBX (thru 210 frame) and VBXX bearing isolators on fan and drive end shaft extensions and epoxy paint provides IP56 enclosure. Oversized bearings on both ends of motor with positive lubrication system. Stainless breather drains. Proprietary cast iron frames for reduced vibration and noise. Terminal lugs on motor leads. Final test and vibration results shipped with motor. Enhanced motor nameplate data. Complies with DuPont, Weyerhaeuser and many other corporate specifications. 5-year warranty.



General Information

Premium Efficient Super-E® Motors

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

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)
Foot Mounted												
1	3600	143T	TEFC	ECP83580T-4	877	SD	12.88	59	84	460	1.4	1
		143T	TENV	ENCP83580T-4	836	SD	11.38	38	84	460	1.35	1
	1800	143T	TEFC	ECP83581T-4	963	SD	12.88	66	87.5	460	1.5	1
		143T	TENV	ENCP83581T-4	915	SD	11.38	62	87.5	460	1.4	1
1 1/2	1200	145T	TEFC	ECP83582T-4	1,033	SD	12.88	66	82.5	460	1.8	1
		143T	TEFC	ECP83583T-4	942	SD	12.88	65	85.5	460	2	1
	1800	145T	TEFC	ECP83584T-4	981	SD	12.88	66	88.5	460	2.1	1
		L182T	TEFC	ECP83667T-4	1,190	SD	17.12	134	86.5	460	2.4	1
2	3600	145T	TEFC	ECP83586T-4	1,034	SD	12.88	75	86.5	460	2.4	1
	1800	145T	TEFC	ECP83587T-4	1,025	SD	12.88	72	86.5	460	2.7	1
	1200	L184T	TEFC	ECP83664T-4	1,103	SD	17.12	144	88.5	460	3	1
3	3600	182T	TEFC	ECP83660T-4	1,233	SD	15.62	119	88.5	460	3.6	1
	1800	L182T	TEFC	ECP83661T-4	1,297	SD	17.12	134	89.5	460	4.2	1
	1200	213T	TEFC	ECP83764T-4	1,804	SD	19.31	186	89.5	460	4.2	1
5	3600	184T	TEFC	ECP83663T-4	1,519	SD	17.12	137	88.5	460	6	1
	1800	L184T	TEFC	ECP83665T-4	1,322	SD	17.12	142	89.5	460	6.6	1
	1200	L215T	TEFC	ECP83768T-4	1,865	SD	20.19	200	89.5	460	6.8	1
7 1/2	3600	213T	TEFC	ECP83769T-4	1,984	SD	19.31	184	90.2	460	8.6	1
	1800	L213T	TEFC	ECP83770T-4	1,666	SD	20.19	199	91.7	460	9.4	1
	1200	254T	TEFC	ECP82276T-4	2,691	SD	24.56	347	91	460	9.9	1
10	3600	215T	TEFC	ECP83771T-4	2,112	SD	19.31	190	91	460	11.1	1
	1800	L215T	TEFC	ECP83774T-4	1,972	SD	20.19	213	91.7	460	12.3	1
	1200	256T	TEFC	ECP82332T-4	3,435	SD	24.56	347	91	460	12.5	1
15	3600	254T	TEFC	ECP82394T-4	2,749	SD	24.56	349	92.4	460	16.8	1
	1800	254T	TEFC	ECP82333T-4	2,539	SD	24.56	327	92.4	460	18.1	1
	1200	284T	TEFC	ECP84100T-4	3,969	SD	27.44	442	92.4	460	18.7	1
20	3600	256T	TEFC	ECP84106T-4	3,151	SD	24.56	346	91.7	460	22.3	1
	1800	256T	TEFC	ECP82334T-4	2,745	SD	24.56	352	93	460	24	1
	1200	286T	TEFC	ECP84102T-4	5,348	SD	27.44	458	92.4	460	24.8	1
25	3600	284TS	TEFC	ECP84107T-4	3,853	SD	26.06	451	93	460	28.1	1
	1800	284T	TEFC	ECP84103T-4	3,561	SD	27.44	447	93.6	460	29.7	1
	1200	324T	TEFC	ECP84111T-4	5,637	SD	30.44	587	93	460	30.9	1
30	3600	286TS	TEFC	ECP84108T-4	4,615	SD	26.06	462	93	460	33.9	1
	1800	286T	TEFC	ECP84104T-4	4,193	SD	27.44	456	93.6	460	36.1	1
	1200	326T	TEFC	ECP84117T-4	7,335	SD	30.44	701	93.6	460	36.4	1
40	3600	324TS	TEFC	ECP84109T-4	6,315	SD	28.94	647	94.1	460	44.3	1
	1800	324T	TEFC	ECP84110T-4	5,583	SD	30.44	658	94.1	460	47.7	1
	1200	364T	TEFC	ECP84308T-4	8,980	SD	33.44	899	94.1	460	49.4	1

(a) See notes on inside back flap and pages 5-6.

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)
Foot Mounted (continued)												
50	3600	326TS	TEFC	ECP84114T-4	6,587	SD	28.94	683	94.1	460	55.5	1
	1800	326T	TEFC	ECP84115T-4	6,556	SD	30.44	689	94.5	460	58.4	1
	1200	365T	TEFC	ECP84312T-4	9,564	SD	33.44	889	94.1	460	61.7	1
60	3600	364TS	TEFC	ECP84310T-4	9,735	SD	31.31	885	95	460	65.1	1
	1800	364T	TEFC	ECP84314T-4	8,705	SD	33.44	851	95	460	68	1
	1200	404T	TEFC	ECP84403T-4	12,397	SD	38.31	1,110	95	460	69	1
75	3600	365TS	TEFC	ECP84313T-4	10,783	SD	31.31	938	95	460	80.7	1
	1800	365T	TEFC	ECP84316T-4	10,124	SD	33.44	958	95.4	460	85.9	1
	1200	405T	TEFC	ECP84404T-4	15,016	SD	38.31	1,172	94.6	460	86.9	1
100	3600	405TS	TEFC	ECP84402T-4	12,922	SD	35.31	1,267	95	460	110	1
	1800	405T	TEFC	ECP84400T-4	13,513	SD	38.31	1,281	95.4	460	112	1
	1200	444T	TEFC	ECP84409T-4	16,517	SD	44.62	1,758	95	460	115	1
125	3600	444TS	TEFC	ECP84412T-4	15,112	SD	40.88	1,707	95.4	460	137	1
	1800	444T	TEFC	ECP84410T-4	15,329	SD	44.62	1,779	95.8	460	139	1
	1200	445T	TEFC	ECP84411T-4	18,748	SD	44.62	1,901	95.4	460	143	1
150	3600	445TS	TEFC	ECP84413T-4	17,367	SD	40.88	1,956	96.2	460	164	1
	1800	445T	TEFC	ECP84406T-4	18,128	SD	44.62	1,932	96.2	460	165	1,27
	1200	447T	TEFC	ECP844156T-4	20,838	SD	48.40	2,355	96.2	460	174	1,27
		447T	TEFC	ECP844156TR-4	20,838	SD	48.13	2,405	96.2	460	174	1,5
200	3600	447TS	TEFC	ECP84416T-4	22,959	SD	44.37	1,995	96.2	460	222	1
	1800	447T	TEFC	ECP84407T-4	21,810	SD	48.40	2,388	96.2	460	221	1,27
		447T	TEFC	ECP84407TR-4	21,810	SD	48.13	2,464	96.2	460	221	1,5
	1200	449T	TEFC	ECP844206T-4	27,684	SD	53.13	2,768	96.2	460	165	1,27
		449T	TEFC	ECP844206TR-4	27,684	SD	53.13	2,802	96.2	460	223	1,5
250	3600	449TS	TEFC	ECP844252T-4	36,992	SD	49.37	2,724	96.2	460	267	1
	1800	449T	TEFC	ECP84408T-4	27,841	SD	53.13	2,729	96.2	460	272	1,27
		449T	TEFC	ECP84408TR-4	27,841	SD	53.13	2,800	96.4	460	272	1,5
	1200	449T	TEFC	ECP844256T-4	38,856	SD	53.13	1,997	96.2	460	283	1,27
C-Face, Foot Mounted												
1	3600	143TC	TEFC	CECP83580T-4	915	SD	13.38	63	84	460	1.4	1
		143TC	TENV	CENCP83580T-4	875	SD	12.00	56	84	460	1.3	1
	1800	143TC	TEFC	CECP83581T-4	1,002	SD	13.38	63	87.5	460	1.5	1
		143TC	TENV	CENCP83581T-4	951	SD	12.00	37	87.5	460	1.4	1
1 1/2	3600	143TC	TEFC	CECP83583T-4	980	SD	13.38	72	85.5	460	2	1
	1800	145TC	TEFC	CECP83584T-4	1,020	SD	13.38	71	88.5	460	2.1	1
2	3600	145TC	TEFC	CECP83586T-4	1,075	SD	13.38	75	86.5	460	2.4	1
	1800	145TC	TEFC	CECP83587T-4	1,062	SD	13.38	73	86.5	460	2.7	1
3	3600	182TC	TEFC	CECP83660T-4	1,306	SD	16.38	204	88.5	460	3.6	1
	1800	182TC	TEFC	CECP83661T-4	1,384	SD	16.38	141	89.5	460	4.2	1
5	3600	184TC	TEFC	CECP83663T-4	1,588	SD	16.38	134	88.5	460	6	1
	1800	L184TC	TEFC	CECP83665T-4	1,391	SD	17.88	151	89.5	460	6.6	1
7 1/2	3600	213TC	TEFC	CECP83769T-4	2,059	SD	20.06	189	90.2	460	8.6	1
	1800	213TC	TEFC	CECP83770T-4	1,763	SD	20.06	206	91.7	460	9.4	1
10	3600	215TC	TEFC	CECP83771T-4	2,185	SD	20.06	198	91	460	11.1	1
	1800	L215TC	TEFC	CECP83774T-4	2,131	SD	20.94	214	90.2	460	11.9	1
15	3600	254TC	TEFC	CECP82394T-4	2,989	SD	25.06	351	92.4	460	16.8	1
	1800	254TC	TEFC	CECP82333T-4	2,918	SD	25.06	330	92.4	460	18.1	1
20	3600	256TC	TEFC	CECP84106T-4	3,390	SD	25.06	351	91.7	460	22.3	1
	1800	256TC	TEFC	CECP82334T-4	3,087	SD	25.06	346	92.4	460	24	1
25	3600	284TSC	TEFC	CECP84107T-4	4,624	SD	26.06	464	93	460	28.1	1
	1800	284TC	TEFC	CECP84103T-4	4,333	SD	27.44	464	93.6	460	29.7	1
30	3600	284TSC	TEFC	CECP84108T-4	5,386	SD	26.06	459	93	460	33.9	1
	1800	286TC	TEFC	CECP84104T-4	4,962	SD	27.44	461	93.6	460	36.1	1
40	3600	324TSC	TEFC	CECP84109T-4	7,163	SD	28.94	672	94.1	460	44.3	1
	1800	324TC	TEFC	CECP84110T-4	6,432	SD	30.44	669	94.1	460	47.7	1
50	3600	326TSC	TEFC	CECP84114T-4	7,438	SD	28.94	695	93	460	56.2	1
	1800	326TC	TEFC	CECP84115T-4	7,404	SD	30.44	722	94.5	460	58.4	1

(a) See notes on inside back flap and pages 5-6.

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

Premium Efficient Super-E® Motors

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

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)
C-Face, Foot Mounted (continued)												
60	3600	364TSC	TEFC	CECP84310T-4	10,660	SD	31.31	854	95	460	65.1	1
	1800	364TC	TEFC	CECP84314T-4	9,631	SD	33.44	906	95	460	68	1
75	3600	365TSC	TEFC	CECP84313T-4	11,707	SD	31.31	991	95	460	80.7	1
	1800	365TC	TEFC	CECP84316T-4	11,050	SD	33.44	979	95.4	460	85.9	1
C-Face, Footless												
1	3600	143TC	TENV	VENCP83580T-4	829	SD	12.00	56	84	460	1.3	1
	1800	143TC	TENV	VENCP83581T-4	895	SD	12.00	58	87.5	460	1.5	1
1 1/2	3600	143TC	TEFC	VECP83583T-4	970	SD	14.56	30	85.5	460	2	1
	1800	145TC	TEFC	VECP83584T-4	1,009	SD	14.56	49	88.5	460	2.1	1
2	3600	145TC	TEFC	VECP83586T-4	1,064	SD	14.56	67	86.5	460	2.4	1
	1800	145TC	TEFC	VECP83587T-4	1,052	SD	14.56	77	86.5	460	2.7	1
3	3600	182TC	TEFC	VECP83660T-4	1,293	SD	17.88	128	88.5	460	3.6	1
	1800	182TC	TEFC	VECP83661T-4	1,370	SD	17.88	141	89.5	460	4.2	1
5	3600	184TC	TEFC	VECP83663T-4	1,575	SD	17.88	136	88.5	460	6	1
	1800	L184TC	TEFC	VECP83665T-4	1,378	SD	16.38	146	88.7	460	6.6	1
7 1/2	3600	213TC	TEFC	VECP83769T-4	2,032	SD	20.94	194	90.2	460	8.6	1
	1800	213TC	TEFC	VECP83770T-4	1,736	SD	20.94	205	91.7	460	9.4	1
10	3600	215TC	TEFC	VECP83771T-4	2,158	SD	20.94	185	91	460	11.1	1
	1800	215TC	TEFC	VECP83774T-4	2,104	SD	20.94	215	90.2	460	11.9	1
15	3600	254TC	TEFC	VECP82394T-4	2,865	SD	25.06	362	92.6	460	16.8	1
	1800	254TC	TEFC	VECP82333T-4	2,794	SD	25.06	342	92.4	460	18.1	1
20	3600	256TC	TEFC	VECP84106T-4	3,267	SD	25.06	363	91.7	460	22.3	1
	1800	256TC	TEFC	VECP82334T-4	2,962	SD	25.06	355	92.5	460	24	1

(a) See notes on inside back flap and pages 5-6.

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

Premium Efficient Super-E@ Motors

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

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 841-2001 TEFC motor standards for extreme severe duty service.

Features: Built to 841XL design. Upgraded electrical and mechanical design with NEMA Premium® efficient winding. Inpro/Seal® VBX (thru 210 frame) and VBXX bearing isolators on fan and drive end shaft extensions and epoxy paint provides IP56 enclosure. Oversized bearings on both ends of motor with positive lubrication system. Stainless breather drains. Proprietary cast iron frames for reduced vibration and noise. Terminal lugs on motor leads. Final test and vibration results shipped with motor. Enhanced motor nameplate data. Complies with DuPont, Weyerhaeuser and many other corporate specifications. 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)
Foot Mounted											
1	3600	143T	ECP83580T-5	877	SD	12.88	35	84	575	1.1	1
	1800	143T	ECP83581T-5	963	SD	12.88	61	85.5	575	1.1	1
	1200	145T	ECP83582T-5	1,033	SD	12.88	42	82.5	575	1.4	1
1 1/2	3600	143T	ECP83583T-5	942	SD	12.88	68	85.5	575	1.6	1
	1800	145T	ECP83584T-5	981	SD	12.88	48	86.5	575	1.6	1
	1200	182T	ECP83667T-5	1,190	SD	15.62	137	87.6	575	1.9	1
2	3600	145T	ECP83586T-5	977	SD	12.88	78	86.5	575	1.9	1
	1800	145T	ECP83587T-5	1,025	SD	12.88	70	86.5	575	2.2	1
	1200	L184T	ECP83664T-5	1,103	SD	17.12	143	88.5	575	2.4	1
3	3600	182T	ECP83660T-5	1,233	SD	15.62	117	88.5	575	2.88	1
	1800	182T	ECP83661T-5	1,297	SD	15.62	137	89.5	575	3.36	1
	1200	213T	ECP83764T-5	1,804	SD	19.31	183	89.5	575	3.4	1
5	3600	184T	ECP83663T-5	1,519	SD	15.62	124	88.5	575	4.8	1
	1800	L184T	ECP83665T-5	1,322	SD	17.12	138	89.5	575	5.28	1
	1200	L215T	ECP83768T-5	1,865	SD	20.19	203	89.5	575	5.44	1
7 1/2	3600	213T	ECP83769T-5	1,984	SD	19.31	182	90.2	575	6.88	1
	1800	213T	ECP83770T-5	1,666	SD	19.31	202	90.2	575	7.2	1
	1200	254T	ECP82276T-5	2,822	SD	24.56	351	91	575	7.9	1
10	3600	215T	ECP83771T-5	2,112	SD	19.31	191	91	575	8.88	1
	1800	L215T	ECP83774T-5	1,972	SD	20.19	211	91.7	575	9.84	1
	1200	256T	ECP82332T-5	3,435	SD	24.56	345	91	575	10	1
15	3600	254T	ECP82394T-5	2,749	SD	24.56	350	92.4	575	13.4	1
	1800	254T	ECP82333T-5	2,539	SD	24.56	323	92.4	575	14.4	1
	1200	284T	ECP84100T-5	3,969	SD	27.44	445	92.4	575	14.9	1
20	3600	256T	ECP84106T-5	3,151	SD	24.56	348	91.7	575	17.8	1
	1800	256T	ECP82334T-5	2,745	SD	24.56	345	92.4	575	19.2	1
	1200	286T	ECP84102T-5	5,348	SD	27.44	470	92.5	575	19.8	1
25	3600	284TS	ECP84107T-5	3,853	SD	26.06	455	93	575	22.4	1
	1800	284T	ECP84103T-5	3,561	SD	27.44	455	93.6	575	23.7	1
	1200	324T	ECP84111T-5	5,637	SD	30.44	650	93	575	24.7	1
30	3600	286TS	ECP84108T-5	4,615	SD	26.06	454	93	575	27.1	1
	1800	286T	ECP84104T-5	4,193	SD	27.44	458	93.6	575	28.8	1
	1200	326T	ECP84117T-5	7,335	SD	30.44	698	93.6	575	29.1	1
40	3600	324TS	ECP84109T-5	6,315	SD	28.94	653	94.1	575	40	1
	1800	324T	ECP84110T-5	5,583	SD	30.44	661	94.1	575	38.1	1
	1200	364T	ECP84308T-5	8,980	SD	33.44	865	94.2	575	39.5	1
50	3600	326TS	ECP84114T-5	6,587	SD	28.94	675	94.1	575	44.4	1
	1800	326T	ECP84115T-5	6,556	SD	30.44	714	94.5	575	46.7	1
	1200	365T	ECP84312T-5	9,564	SD	33.44	890	94.2	575	49.3	1

(a) See notes on inside back flap and pages 5-6.

MEETS NRC CANADIAN STANDARDS FOR EFFICIENCY.

■ Cast Iron Frame

General Information

Premium Efficient Super-E® Motors

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

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)
Foot Mounted (continued)											
60	3600	364TS	ECP84310T-5	9,735	SD	31.31	890	95.1	575	52.1	1
	1800	364T	ECP84314T-5	8,705	SD	33.44	871	95	575	54.4	1
	1200	404T	ECP84403T-5	12,397	SD	38.31	1,220	95	575	55.2	1
75	3600	365TS	ECP84313T-5	10,783	SD	31.31	978	95	575	64.5	1
	1800	365T	ECP84316T-5	10,124	SD	33.44	953	95.4	575	68.7	1
	1200	405T	ECP84404T-5	15,016	SD	38.31	1,260	94.6	575	69.5	1
100	3600	405TS	ECP84402T-5	12,922	SD	38.31	1,302	95	575	88	1
	1800	405T	ECP84400T-5	13,513	SD	38.31	1,330	95.4	575	89.6	1
	1200	444T	ECP84409T-5	16,517	SD	44.62	1,670	95.1	575	92	1
125	3600	444TS	ECP84412T-5	15,112	SD	40.88	1,717	95.4	575	109	1
	1800	444T	ECP84410T-5	15,329	SD	44.62	1,784	95.8	575	111	1
	1200	445T	ECP84411T-5	18,748	SD	44.62	1,860	95.5	575	114	1
150	3600	445TS	ECP84413T-5	17,367	SD	40.88	1,947	96.2	575	131	1
	1800	445T	ECP84406T-5	18,128	SD	44.62	1,933	96.2	575	132	1
	1200	447T	ECP844156TR-5	20,838	SD	48.13	2,300	95.9	575	139	1.5
200	3600	445TS	ECP84416T-5	22,959	SD	40.88	1,991	96.2	575	177	1
	1800	447T	ECP84407T-5	21,810	SD	48.40	2,390	96.2	575	176	1
		447T	ECP84407TR-5	21,810	SD	48.13	2,453	96.2	575	176	1.5
250	1200	449T	ECP844206TR-5	27,684	SD	53.13	2,590	96.2	575	178	1.5
	3600	449TS	ECP844252T-5	36,992	SD	49.37	2,712	96.2	575	213	1
		449T	ECP84408TR-5	27,841	SD	53.13	2,727	96.4	575	218	1.5
1800	449T	ECP84408T-5	27,841	SD	53.13	2,723	96.2	575	217	1	
C-Face, Foot Mounted											
2	1800	145TC	CECP83587T-5	1,062	SD	13.38	70	86.5	575	2.2	1
3	1800	182TC	CECP83661T-5	1,384	SD	16.38	144	88.5	575	3.04	1
5	1800	L184TC	CECP83665T-5	1,391	SD	17.88	128	89.5	575	5.28	1
7 1/2	1800	213TC	CECP83770T-5	1,763	SD	20.06	178	91.7	575	7.52	1
10	1800	L215TC	CECP83774T-5	2,131	SD	20.94	212	90.2	575	9.52	1
15	1800	254TC	CECP82333T-5	2,918	SD	25.06	331	92.4	575	14.4	1
20	1800	256TC	CECP82334T-5	3,087	SD	25.06	344	92.4	575	19.2	1
25	1800	284TC	CECP84103T-5	4,333	SD	27.44	415	93.6	575	23.7	1
30	1800	286TC	CECP84104T-5	4,962	SD	27.44	458	93.6	575	28.8	1
40	1800	324TC	CECP84114T-5	7,438	SD	30.44	671	94.1	575	38.1	1
50	1800	326TC	CECP84115T-5	7,404	SD	30.44	725	94.5	575	46.7	1

(a) See notes on inside back flap and pages 5-6.

MEETS NRC CANADIAN STANDARDS FOR EFFICIENCY.

■ Cast Iron Frame

General Information

Premium Efficient Super-E@ Motors

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

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 specifications for the chemical industry and incorporate roller bearings on 210 frames and larger for heavy belt loads. 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 inverter ready. 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	L184T	ECP63665TR-4	1,322	SD	17.12	142	89.5	460	6.6	1,5
7 1/2	1800	L213T	ECP63770TR-4	1,666	SD	20.19	220	91.7	460	9.4	1,5
10	1800	L215T	ECP63774TR-4	1,972	SD	20.19	224	91.7	460	12.3	1,5
15	1800	254T	ECP62333TR-4	2,539	SD	24.56	326	92.4	460	18.1	1,5
20	1800	256T	ECP62334TR-4	2,745	SD	24.56	364	93	460	24	1,5
25	1800	284T	ECP64103TR-4	3,561	SD	27.44	456	93.6	460	29.7	1,5
30	1800	286T	ECP64104TR-4	4,193	SD	27.44	456	93.6	460	36.1	1,5
40	1800	324T	ECP64110TR-4	5,583	SD	30.44	670	94.2	460	47.7	1,5
50	1800	326T	ECP64115TR-4	6,556	SD	30.44	726	94.5	460	58.8	1,5
60	1800	364T	ECP64314TR-4	8,705	SD	33.44	850	95	460	68	1,5
75	1800	365T	ECP64316TR-4	10,124	SD	33.44	890	95.4	460	85.9	1,5

(a) See notes on inside back flap and pages 5-6.

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

Premium Efficient Super-E® Motors

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Commercial Motors

HVAC Motors

Medium Voltage,
Three Phase,
2300/4000 Volts,
Foot Mounted

200 thru 1500 Hp

NEMA 449TS thru O5812

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: Super-E® Liberator design. Form coil VPI construction, high-pressure die cast aluminum rotor, all cast iron, NEMA Premium® efficiency three year warranty. Includes 100 ohm platinum winding RTDs and space heaters. Motors not convertible to roller bearing configuration. 2, 4 and 6-pole “S” motors have short shaft for coupled loads. 4-pole “L” motors have ball bearing and may be converted to roller bearing. 6-pole “LR” motors have roller bearing and may be converted to ball bearing. Conversion kits on page 390.



General Information
Premium Efficient Super-E® Motors
Single Phase Motors
General Purpose Industrial Motors
Severe Duty Motors
Washdown Duty Motors
Explosion Proof Motors
Pump Motors
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)	
TEFC												
200	3600	449TS	ECP44202T-2341	44,032	LM	48.93	2,300	94.1	2300/4160	25	1,27,64	
	1800	449T	ECP44204T-2341	42,886	LM	52.65	2,349	94.1	2300/4160	26	1,27,64	
250	3600	5007SY	ECP50252S-2341	70,381	LM	54.03	3,600	95	2300/4160	31	1,26,27,61,64	
		G5008	ECP50252S-2340	69,280	LM	60.14	5,300	95	2300/4100	32	1,64	
	1800	G5008	ECP50254L-2340	67,956	LM	64.14	4,700	95	2300/4100	33	1,27,64	
		G5008	ECP50254S-2340	65,753	LM	60.14	4,700	95	2300/4100	33	1,27,64	
	1200	G5010	ECP50256LR-2340	75,423	LM	71.14	5,650	95	2300/4100	34	1,27,64	
		G5010	ECP50256S-2340	72,119	LM	67.14	5,550	95	2300/4100	34	1,27,64	
300	3600	G5008	ECP50302S-2340	71,299	LM	60.14	5,300	95.2	2300/4100	38	1,64	
		G5008	ECP50304L-2340	69,616	LM	64.14	5,140	95	2300/4100	40	1,27,64	
	1800	G5008	ECP50304S-2340	67,413	LM	60.14	4,700	95	2300/4100	40	1,27,64	
		G5010	ECP50306LR-2340	77,709	LM	71.14	5,650	95	2300/4100	40	1,27,64	
	1200	G5010	ECP50306S-2340	74,404	LM	67.14	5,550	95	2300/4100	40	1,27,64	
		G5010	ECP50352S-2340	73,020	LM	67.14	6,000	95	2300/4100	44	1,64	
350	3600	G5008	ECP50354L-2340	71,285	LM	64.14	6,000	95.1	2300/4100	47	1,27,64	
		G5008	ECP50354S-2340	69,083	LM	60.14	4,700	95.1	2300/4100	47	1,27,64	
	1800	G5012	ECP50356LR-2340	83,383	LM	79.14	6,600	95	2300/4100	46	1,27,64	
		G5012	ECP50356S-2340	80,079	LM	75.14	6,500	95	2300/4100	46	1,27,64	
	1200	G5010	ECP50402S-2340	75,244	LM	67.14	6,000	95.1	2300/4100	51	1,64	
		G5008	ECP50404L-2340	72,989	LM	64.14	4,036	95.3	2300/4100	54	1,27,64	
400	3600	G5008	ECP50404S-2340	70,786	LM	60.14	4,700	95.3	2300/4100	54	1,27,64	
		G5012	ECP50406LR-2340	86,197	LM	79.14	6,600	95.2	2300/4100	53	1,27,64	
	1800	G5012	ECP50406S-2340	82,893	LM	75.14	6,500	95.2	2300/4100	53	1,27,64	
		G5010	ECP50452S-2340	76,781	LM	67.14	5,500	95.3	2300/4100	57	1,64	
	450	3600	5011Y	ECP50454L-2341	75,728	LM	72.05	5,650	95.4	2300/4160	56	1,26,61,64
			G5010	ECP50454L-2340	74,627	LM	71.14	6,200	95.5	2300/4100	59	1,27,64
1800		G5010	ECP50454S-2340	72,424	LM	67.14	5,550	95.5	2300/4100	59	1,27,64	
		G5012	ECP50456LR-2340	91,333	LM	79.14	6,600	95.2	2300/4100	60	1,27,64	
1200		G5012	ECP50456S-2340	88,029	LM	75.14	6,500	95.2	2300/4100	60	1,27,64	
		G5010	ECP50502S-2340	83,190	LM	67.14	5,500	95.5	2300/4100	63	1,64	
500	3600	G5012	ECP50504L-2340	77,508	LM	71.14	5,500	95.7	2300/4100	65	1,27,64	
		G5010	ECP50504S-2340	75,305	LM	67.14	5,550	95.7	2300/4100	65	1,27,64	
	1800	G5012	ECP50506LR-2340	96,195	LM	79.14	6,600	95.2	2300/4100	66	1,27,64	
		G5012	ECP50506S-2340	92,891	LM	75.14	6,500	95.2	2300/4100	66	1,27,64	
	1200	G5010	ECP50602S-2340	81,615	LM	67.14	5,500	95.2	2300/4100	76	1,64	
		G5012	ECP50604L-2340	81,815	LM	79.14	5,500	95.4	2300/4100	79	1,27,64	
600	3600	G5012	ECP50604S-2340	79,612	LM	75.14	6,500	95.4	2300/4100	79	1,27,64	
		G5012	ECP50606LR-2340	117,274	LM	90.07	6,600	95.4	2300/4100	79	1,27,64	
	1800	G5012	ECP50606S-2340	113,969	LM	86.07	6,500	95.4	2300/4100	79	1,27,64	
		G400J	ECP40702S-2340	104,667	LM	83.31	10,000	95.6	2300/4100	89	1,64	
	1200	G5012	ECP50704S-2340	82,932	LM	75.14	6,500	95.6	2300/4100	92	1,27,64	

(a) See notes on inside back flap and pages 5-6.

Custom TEFC motors available through 2,250 Hp; Open and WPIL custom motors through 15,000 Hp. Contact your Baldor•Reliance Sales Representative.

■ Cast Iron Frame

Medium Voltage, Three Phase, 2300/4000 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)
TEFC (continued)											
800	3600	G400J	ECP40802S-2340	112,459	LM	83.31	10,000	95.8	2300/4100	102	1,64
	1800	G5012	ECP50804L-2340	91,605	LM	79.14	5,500	95.9	2300/4100	104	1,27,64
		G5012	ECP50804S-2340	89,402	LM	75.14	6,500	95.9	2300/4100	104	1,27,64
900	1800	G5012	ECP50904L-2340	103,583	LM	86.07	6,300	96	2300/4100	118	1,27,64
1,000	1800	G400J	ECP401004S-2340	123,893	LM	86.07	10,000	96.1	2300/4100	129	1,27,64
WPII											
900	3600	O5808	EM25902S-2340	94,305	LM	58.50	6,700	94.5	2300/4100	120	1,27,64
1,000	3600	O5808	EM251002S-2340	106,775	LM	58.50	6,700	94.4	2300/4100	135	1,27,64
1,250	3600	O5810	EM251252S-2340	116,712	LM	66.50	7,700	95.7	2300/4100	160	1,64,88
	1800	O5810	EM251254S-2340	115,072	LM	63.99	8,200	95.4	2300/4100	164	1,27,64
1,500	3600	O5810	EM251502S-2340	120,533	LM	66.50	7,700	95.8	2300/4100	191	1,64,88
	1800	O5812	EM251504S-2340	123,576	LM	72.99	9,500	95.7	2300/4100	191	1,27,64

(a) See notes on inside back flap and pages 5-6.

Custom TEFC motors available through 2,250 Hp; Open and WPII custom motors through 15,000 Hp. Contact your Baldor•Reliance Sales Representative.

■ Cast Iron Frame

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 Design C torques.

Features: Cast iron frame, Class F insulation, Class B rise. UL and CSA recognized component approval.



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot Mounted											
2	1800	145T	M3558T-9	502	L1	13.31	45	82.5	208-230/460	3.1	
3	1800	182T	M3611T-9	589	L1	15.17	57	82.5	208-230/460	4.3	1
5	1800	184T	M3665T-9	924	L1	15.62	138	87.5	230/460	7	
		184T	M3615T-9	680	L1	18.05	86	88.5	230/460	6.6	1
7 1/2	1800	213T	M3710T-9	864	L1	17.89	120	85.5	230/460	9.7	1
		213T	M3770T-9	1,239	L1	19.31	147	89.5	230/460	10.4	
10	1800	215T	M3774T-9	1,335	L1	19.31	162	89.5	230/460	13.4	
		215T	M3714T-9	1,005	L1	19.01	141	87.5	230/460	12.5	1
15	1800	254T	M2333T-9	1,776	L1	23.28	239	87.5	230/460	18.7	1,30
20	1800	256T	M2334T-9	2,144	L1	23.28	280	91	230/460	25.8	
25	1800	284T	M4103T-9	2,659	L1	27.56	475	92.4	230/460	31	
30	1800	286T	M4104T-9	3,141	L1	27.56	479	92.4	230/460	39.8	
40	1800	324T	M4110T-9	4,167	L1	30.44	610	93	230/460	52.1	
50	1800	326T	M4115T-9	4,314	L1	30.44	629	93	230/460	65.6	
60	1800	364T	M4314T-9	7,600	L1	33.44	847	93.6	230/460	73.1	
75	1800	365T	M4316T-9	8,195	L1	33.44	828	94.1	230/460	88.5	
C-Face, Footless											
3	1800	182TC	VM3661T-9	839	L1	15.99	85	84	230/460	4.3	1
5	1800	184TC	VM3665T-9	860	L1	15.99	100	85.5	230/460	6.6	1

(a) See notes on inside back flap and pages 5-6.

■ Cast Iron Frame

General Information

Premium Efficient Super-E® Motors

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Commercial Motors

HVAC Motors

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

75 thru 350 Hp

NEMA 405T thru L449T

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 ball bearings. Oversize, rotatable cast iron conduit box. V-Ring shaft seal. Moisture resistant copper windings with Class F tropicalized 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.



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	CR4404TR-4	12,585	SD	38.31	1,160	93.6	460	99	1,5
	1800	405T	CR4400TR-4	9,527	SD	38.31	1,114	93	460	118	1,5
100	1200	444T	CR4409TR-4	13,000	SD	44.62	1,783	93.6	460	127	1,5
	1800	444T	CR4410TR-4	12,123	SD	44.62	1,722	93	460	146	1,5
125	1200	445T	CR4411TR-4	14,687	SD	44.62	2,019	93.6	460	159	1,5
	1800	445T	CR4406TR-4	14,199	SD	44.62	1,811	93.6	460	175	1,5
150	1200	447T	CR44156TR-4	16,558	SD	48.40	2,078	94.5	460	187	1,5
	1800	447T	CR4407TR-4	17,086	SD	48.40	1,837	94.5	460	236	1,5
200	1200	449T	CR44206TR-4	21,686	SD	53.40	2,471	95	460	238	1,5
	1800	449T	CR4408TR-4	21,977	SD	53.40	2,526	95.4	460	284	1,5
250	1200	449T	CR44256TR-4	31,110	SD	53.40	2,719	95.4	460	295	1,5
	1800	449T	CR44304TR-4	29,738	SD	53.40	2,345	95.4	460	353	1,5
300	1200	L449T	CR44306TR-4	40,466	SD	60.13	3,669	95.8	460	371	1,5
	1800	449T	CR44354TR-4	35,299	SD	53.40	2,410	95.8	460	404	1,5

(a) See notes on inside back flap and pages 5-6.

■ Cast Iron Frame

General Information

Premium Efficient Super-E® Motors

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Commercial Motors

HVAC Motors

**Dirty Duty,
Three Phase, TEFC,
230/460 575 Volts**

1/2 thru 20 Hp

NEMA 56 thru 256T



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.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)	
Foot Mounted, No Drip Cover												
1/2	1800	56	M8001	492	SD	11.35	26	74	230/460	1	1,30	
3/4	1800	56	M8002	626	SD	11.35	29	75.5	230/460	1.5	1,30	
1	1800	56	M8003	684	SD	12.85	35	78.5	208-230/460	1.7	1	
		143T	M8003T	772	SD	12.75	57	82.5	208-230/460	1.65	1	
1 1/2	1800	145T	M8004T	754	SD	12.75	60	84	208-230/460	2.3	1	
2	1800	145T	M8005T	799	SD	12.75	64	84	208-230/460	2.8	1	
3	1800	182T	M8006T	1,035	SD	15.93	104	87.5	208-230/460	4.1	1	
5	1800	184T	M8007T	1,164	SD	15.93	113	87.5	208-230/460	6.7	1	
7 1/2	1800	213T	M8008T	1,418	SD	19.32	191	89.5	208-230/460	10.3	1	
10	1800	215T	M8009T	1,684	SD	19.32	170	89.5	208-230/460	13	1	
15	1800	254T	M8010T	2,408	SD	21.94	260	91	208-230/460	18.5	1	
20	1800	256T	M8014T	2,929	SD	23.69	276	91	230/460	25	1,30	
C-Face, Foot Mounted, No Drip Cover												
1/2	3600	56C	CM8537	513	SD	9.38	33	68	208-230/460	0.8	1	
	1800	56C	CM8001	535	SD	13.16	32	82.5	230/460	1.7	1	
	1200	56C	CM8539	698	SD	12.16	38	74	230/460	1.2	1	
3/4	1800	56C	CM8002	669	SD	10.45	26	82.5	230/460	1.1	1	
	1200	56C	CM8543	822	SD	12.16	38	74	208-230/460	1.5	1	
1	1800	56C	CM8003	727	SD	11.45	31	81	208-230/460	1.45	1	
	1200	56C	CM8556	877	SD	10.45	39	74	208-230/460	1.7	1	
1 1/2	1800	56C	CM8004	797	SD	13.16	37	78.5	208-230/460	2.8	1	
		145TC	CM8004T	797	SD	13.65	38	84	208-230/460	2.2	1	
2	1800	145TC	CM8005T	841	SD	13.65	46	84	208-230/460	2.9	1	
C-Face, Footless, No Drip Cover												
1/2	3600	56C	VM8537	504	SD	10.45	19	77	230/460	0.8	1	
	1800	56C	VM8001	514	SD	11.35	27	74	230/460	1	1,30	
		56C	VM8001-5	514	SD	10.45	33	80	575	0.72	1	
3/4	3600	56C	VM8541	637	SD	11.05	22	80	230/460	1.1	1,30	
		56C	VM8002	648	SD	10.45	30	82.5	230/460	1.3	1,30	
		56C	VM8002-5	648	SD	11.45	31	82.5	575	1	1	
1	3600	56C	VM8012	640	SD	11.35	28	75.5	230/460	1.8	1,30	
		56C	VM8003	698	SD	12.85	36	78.5	208-230/460	1.7	1	
		1800	143TC	VM8003T-5	730	SD	13.22	54	82.5	575	1.2	1
			143TC	VM8003T	730	SD	13.25	53	77	208-230/460	1.7	1
1 1/2	3600	56C	VM8550	757	SD	13.16	37	82.5	230/460	2.3	1	
		56C	VM8004	744	SD	12.24	41	78.5	208-230/460	2.5	1	
		1800	145TC	VM8004T-5	716	SD	13.65	41	84	575	1.7	1
			145TC	VM8004T	716	SD	13.25	56	78.5	208-230/460	2.5	1
2	3600	56C	VM8016	803	SD	13.16	58	84	208-230/460	2.5	1	
		145TC	VM8016T	803	SD	13.25	61	78.5	208-230/460	2.7	1	
		1800	56C	VM8005	755	SD	13.16	44	81.8	208-230/460	3.1	1
			145TC	VM8005T-5	755	SD	14.28	62	84	575	2.2	1
			145TC	VM8005T	755	SD	13.25	64	82.5	208-230/460	3.1	1
3	1800	145TC	VM8559T	877	SD	15.28	56	83.6	208-230/460	4.1	1	
		182TC	VM8006T	1,028	SD	16.69	98	84	208-230/460	4.3	1	
		1,149	VM8007T	1,149	SD	16.69	110	85.5	208-230/460	6.6	8	
7 1/2	1800	213TC	VM8008T	1,483	SD	20.06	180	89.5	208-230/460	10.3	1	
10	1800	215TC	VM8024T	1,667	SD	20.06	185	88.5	208-230/460	13.8	8	

(a) See notes on inside back flap and pages 5-6.
Dirty duty not recommended for a chlorine atmosphere.

General Information

Premium Efficient Super-E® Motors

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Commercial Motors

HVAC Motors

**Dirty Duty Washdown, 1/2 thru 10 Hp
Three Phase,
230/460 Volts,
C-Face**

NEMA 56C thru 256TC

Applications: The most severe and corrosive applications, those which use intense high-pressure washdown, and marine applications.

Features: Proprietary bonded surface coating, 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, FDA approved surface coating, IP56 enclosure. Weatherproof per IEEE 45 and USCG 259 marine duty (below deck duty only). Class F insulated motor with 1.15 service factor or higher that operates within class "B" temperature limits at rated horsepower.



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot Mounted											
1/2	1800	56C	CWAM3538	601	SD	11.05	33	75.5	230/460	0.8	1,30,60
3/4	1800	56C	CWAM3542	694	SD	11.05	40	80	230/460	1.1	1,30,60
1	3600	56C	CWAM3545	716	SD	12.28	37	74	208-230/460	1.6	1
		56C	CWAM3546	719	SD	12.05	42	81.5	208-230/460	1.6	1,60
	1800	143TC	CWAM3546T	719	SD	12.12	42	81.5	208-230/460	1.6	1,60
		56C	CWAM3556	926	SD	13.28	46	75.5	208-230/460	1.7	1
1 1/2	3600	56C	CWAM3550	802	SD	13.28	41	75.5	208-230/460	2.3	1
	1800	145TC	CWAM3554T	752	SD	13.00	52	82.5	208-230/460	2.1	1,60
	1200	56C	CWAM3557	1,050	SD	13.28	47	75.5	230/460	2.5	1
2	3600	56C	CWAM3555	882	SD	13.28	49	78.5	208-230/460	2.7	1
	1800	56C	CWAM3558	926	SD	13.28	52	84	208-230/460	2.8	1,60
		145TC	CWAM3558T	926	SD	13.35	49	84	208-230/460	2.9	1
3	1200	184TC	CWAM3614T	1,182	SD	16.60	89	86.5	208-230/460	3.5	1
	3600	145TC	CWAM3559T	1,084	SD	14.23	60	85.5	208-230/460	3.7	1
	1800	182TC	CWAM3611T	1,132	SD	16.60	86	87.5	208-230/460	4.1	1
5	1200	213TC	CWAM3704T	1,476	SD	18.63	130	87.5	208-230/460	4.6	1
	3600	184TC	CWAM3613T	1,267	SD	16.60	85	87.5	208-230/460	5.8	1
	1800	184TC	CWAM3615T	1,318	SD	16.60	96	87.5	208-230/460	7.1	1
7 1/2	1200	215TC	CWAM3708T	1,953	SD	19.76	138	87.5	208-230/460	7.5	1
	3600	184TC	CWAM3616T	1,677	SD	18.10	103	88.5	208-230/460	8.7	1
	1800	213TC	CWAM3710T	1,621	SD	18.63	132	89.5	208-230/460	10.1	1
10	1200	254TC	CWAM22976T	2,888	SD	23.57	213	89.5	208-230/460	11.2	1
	3600	215TC	CWAM3711T	1,922	SD	18.63	144	89.5	208-230/460	11.5	1
	1800	215TC	CWAM3714T	1,845	SD	19.76	149	89.5	208-230/460	13.5	1
	1200	256TC	CWAM23932T	3,192	SD	23.57	250	89.5	208-230/460	15.3	1
Footless											
1/2	1800	56C	VWAM3538	595	SD	11.05	34	75.5	208-230/460	0.8	1,60
3/4	1800	56C	VWAM3542	688	SD	11.05	40	80	208-230/460	1.1	1,60
1	1800	56C	VWAM3546	714	SD	12.05	45	81.5	208-230/460	1.6	1,60
		143TC	VWAM3546T	714	SD	12.13	43	81.5	208-230/460	1.6	1,60
1 1/2	1800	56C	VWAM3554	748	SD	12.93	52	82.5	208-230/460	2.1	1,60
		145TC	VWAM3554T	748	SD	13.00	21	82.5	208-230/460	2.1	1,60
2	1800	56C	VWAM3558	921	SD	13.28	48	82.5	208-230/460	3.1	1
		145TC	VWAM3558T	921	SD	13.35	48	82.5	208-230/460	3.1	1
3	1800	182TC	VWAM3611T	1,115	SD	15.23	62	84	208-230/460	4.1	1
5	1800	184TC	VWAM3615T	1,300	SD	16.60	90	85.5	208-230/460	6.6	1
7 1/2	1800	213TC	VWAM3710T	1,589	SD	18.63	134	87.5	208-230/460	10.9	1
10	1800	215TC	VWAM3714T	1,812	SD	19.76	144	89.5	208-230/460	13.5	1

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