

Severe duty motors



Baldor-Reliance® severe duty motors include features designed to protect against contamination, moisture, vibration and corrosion. These motors use Super-E® premium efficient electrical designs which are built to handle demanding duty cycles, provide high starting and peak torques, and operate over wide speed ranges. Severe Duty motors provide safe, long operating life, reliable performance, and reduced energy consumption in the toughest applications.

Key features:

- Heavy duty cast iron construction
- Premium efficient electrical designs
- Enhanced ingress protection
- Corrosion resistant epoxy finish

For Large AC severe duty motors see ABB NXR Series

1/2 - 800 Horsepower

Product line		ECP/XEX	841XL	661XL	Dirty Duty Plus	Quarry Duty	Crusher Duty
	Frame size range for stock products	143T-588	143T-449T	182T-365T	56-256T	145T-215T	180T-588
Electrical features							
Efficiency	Baldor-Reliance motors meet or exceed all efficiency requirements for US, Canada and Mexico regulations	S	S	S	S	S	S
Torque	NEMA Design B torques as a minimum	S	S	S	S	-	-
	NEMA Design C: High torque	-	-	-	-	S	-
	NEMA Design A: High torque design exceed NEMA Design C	-	-	-	-	-	S
Service factor and temperature rise	1.15 service factor – continuous	S	S	S	S	S	-
	1.25 service factor up to 100 Hp, 1.15 service factor over 100 Hp – continuous	-	-	-	-	-	S
	Class F insulation with Class B rise @ 1.0 service factor	S	S	S	S	S	S
Inverter	Suitable for inverter use per NEMA MG1 Part 31.4.4.2	S	S	S	S	S	S
Mechanical features							
IP code	IP55 enclosure ingress protection (143T-L449T frames are IP54 rated)	S	-	-	-	S	S
	IP56 enclosure ingress protection 143T-L449T	-	S	S	S	-	-
	IP66 enclosure ingress protection 586-588 frames	S	-	-	-	-	S
Frame	Steel band frame – aluminum endplates, cast iron conduit box, steel fan cover	-	-	-	S	-	-
	Cast iron frame, endplates, conduit box & fan cover (586-587 frames have fabricated steel fan covers)	S	S	S	-	-	S
	Vertical lifting provisions for shaft up or down mounting	-	-	S	-	-	-
	Sealed joints between frame and endplates	S	S	S	S	S	S
	Neoprene V-ring slinger – DE & ODE	S	-	-	-	S	S
Shaft seals	Non-contact, rotating labyrinth seal – DE & ODE, 143T-L449T frames	-	S	S	S	-	-
	Non-contact, rotating labyrinth seal – DE & ODE, 586-588 frames	S	-	-	-	-	S
	Large dome slinger – DE	-	-	S	-	-	-
Bearings and lubrication	Ball bearings designs	S	S	-	S	S	S
	Roller bearing designs available for belted applications	S	S	S	-	-	S
	Bearings: Non regreasable, lubed for life, double sealed	-	-	-	S	-	-
	Bearings: Regreasable with grease inlet fitting and outlet threaded plug or easy access relief on DE & ODE	S	-	-	-	S	S
	Bearings: Regreasable with PLS lubrication system 140T-449T frames. Grease inlet & auto relief fittings on DE & ODE. (Also included on ECP/XEX & Crusher duty 360T-449T frames)	-	S	S	-	-	-
Paint	Paint: Corrosion resistant 2 part epoxy paint system, exceeding 300 hrs. salt fog test per ASTM B 117, epoxy coated rotor and stator	S	S	S	-	S	S
	Paint: Corrosion resistant 2 part epoxy paint system, exceeding 2,000 hrs. salt fog test per ASTM B 117, epoxy coated rotor and stator	-	-	-	S	-	-
Conduit box	Conduit box: Oversized, lipped cover, threaded NPT inlet and rotatable in 90 degree increments	S	S	S	-	-	S
	Conduit box: Oversized, split with lipped cover, terminal strips and threaded NPT inlet, rotatable in 90 degree increments with gland plate 586-587 frame	S	-	-	-	-	S
	Conduit box: Oversized, lipped cover, threaded NPT inlet, rotatable in 180 degree increments	-	-	-	S	S	-
Nameplate	Nameplate: Stainless steel embossed raised letter	S	S	S	S	-	S
	Nameplate: Stainless steel laser etched letter	-	-	-	-	S	S
Other key features							
Certifications and tests	Nameplate marked Class I, Division 2, Groups A, B, C, D with T2 temperature code or better.	S	S	S	-	-	-
	Meets and exceeds IEEE 841	-	S	S	-	-	-
	Meets and exceeds IEEE 45	-	S	S	S	-	-
	Documented final motor test – ships with motor	-	S	S	-	-	-
Warranty	Warranty – in years from date of manufacture	3	5	5	3	3	3

S = Standard

For more information visit baldor.com or new.abb.com/motors-generators

**Three phase, totally enclosed, 230/460 volts,
460 volts and 575 volts, foot mounted**
1 thru 800 Hp

IP55 **IP66**



Features:

- Robust cast iron construction
- Regreasable bearings all frames
- IP55 on 143T-L449T frames
- IP66 on 586-588 frames
- Embossed raised letter, 304 stainless steel nameplates
- Inverter ready nameplate
- Division 2, Class I, Groups A,B,C,D markings on nameplate
- Division 2, Class II, Groups F & G, T4 on 586/7/8 frames
- Insulated NDE bearing on 586/7/8

Applications:

- Chemical, oil & gas
- Pulp & paper, forest products
- Metals & foundries
- Cement, aggregate & above ground mining
- Food processing
- Power generation

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volts & 460 volts											
1	3600	143T	ECP3580T	950	SDM	12.95	59	84	230/460	1.4	1
		143T	ECP3580T-4	950	SDM	12.95	59	84	460	1.4	1
	1800	143T	ECP3581T	1,044	SDM	12.88	64	87.5	230/460	1.5	1, 30
		143T	ECP3581T-4	1,044	SDM	12.88	61	87.5	460	1.5	1
	1200	143T	ENCP3581T-4	1,087	SDM	11.36	56	87.5	460	1.5	1, 60
		145T	ECP3582T	1,153	SDM	12.88	68	82.5	230/460	1.7	1, 30
1 1/2	900	145T	ECP3582T-4	1,153	SDM	12.88	69	82.5	460	1.7	1
		182T	ECP3687T-4	1,619	SDM	15.93	103	78.5	460	2	1
	3600	143T	ECP3583T	1,080	SDM	12.95	67	85.5	230/460	2	1, 30
		143T	ECP3583T-4	1,080	SDM	12.95	67	85.5	460	2	1
	1800	145T	ECP3584T	1,063	SDM	12.88	69	88.5	230/460	2.1	1, 30
		145T	ECP3584T-4	1,063	SDM	12.88	72	88.5	460	2.1	1
2	1200	182T	ECP3667T	1,349	SDM	15.93	108	87.5	230/460	2.5	1, 30
		182T	ECP3667T-4	1,349	SDM	15.93	108	87.5	460	2.5	1
	900	184T	ECP3668T-4	2,015	SDM	15.93	110	80	460	3.2	1
		145T	ECP3586T	1,130	SDM	12.95	74	86.5	230/460	2.5	1, 30
	3600	145T	ECP3586T-4	1,130	SDM	12.95	74	86.5	460	2.5	1
		145T	ECP3587T	1,110	SDM	12.88	75	88.5	230/460	2.8	1, 30
3	1800	145T	ECP3587T-4	1,110	SDM	12.88	73	88.5	460	2.8	1
		184T	ECP3664T	1,366	SDM	15.93	122	88.5	230/460	3.2	1
	1200	184T	ECP3664T-4	1,366	SDM	15.93	120	88.5	460	3.2	1
		900	ECP3772T-4	2,541	SDM	19.50	179	85.5	460	3.8	1
	3600	182T	ECP3660T	1,336	SDM	15.93	104	88.5	230/460	3.4	1, 30
		182T	ECP3660T-4	1,336	SDM	15.93	106	88.5	460	3.4	1
5	1800	182T	ECP3661T	1,404	SDM	15.93	110	89.5	230/460	4.1	1, 30
		182T	ECP3661T-4	1,404	SDM	15.93	112	89.5	460	4.1	1
	1200	213T	ECP3764T	1,971	SDM	19.50	185	90.2	230/460	4.5	1, 30
		213T	ECP3764T-4	1,971	SDM	19.50	209	89.5	460	4.5	1
	900	215T	ECP3775T-4	2,755	SDM	19.50	203	85.5	460	5.2	1
		184T	ECP3663T	1,644	SDM	15.93	114	90.2	230/460	5.7	1, 30
5	3600	184T	ECP3663T-4	1,644	SDM	15.93	111	89.5	460	5.7	1
		184T	ECP3665T	1,429	SDM	15.93	118	89.5	230/460	6.5	1, 30
	1800	184T	ECP3665T-4	1,429	SDM	15.93	119	89.5	460	6.6	1
		215T	ECP3768T	1,998	SDM	19.50	212	90.2	230/460	7.3	1, 30
	1200	215T	ECP3768T-4	1,998	SDM	19.50	227	90.2	460	7.3	1
		900	ECP2280T-4	4,385	SDM	24.78	327	87.5	460	8.6	1

(a) See notes on inside back flap.

■ Cast iron frame

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

Three phase, totally enclosed, 230/460 volts, 460 volts and 575 volts, foot mounted

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volts & 460 volts (continued)											
7 1/2	3600	213T	ECP3769T	2,145	SDM	19.50	169	91	230/460	8.6	1
		213T	ECP3769T-4	2,145	SDM	19.50	173	91.7	460	8.6	1
	1800	213T	ECP3770T	1,799	SDM	19.50	170	91.7	230/460	9.5	1
		213T	ECP3770T-4	1,799	SDM	19.50	170	91.7	460	9.5	1
	1200	254T	ECP2276T	2,858	SDM	24.78	335	91	230/460	10.7	1, 30
		254T	ECP2276T-4	2,858	SDM	24.78	337	91	460	10.7	1
	900	256T	ECP2401T-4	5,014	SDM	24.78	347	86.5	460	12.1	1
10	3600	215T	ECP3771T	2,284	SDM	19.50	203	92.4	230/460	11	1
		215T	ECP3771T-4	2,284	SDM	19.50	215	92.4	460	11	1
	1800	215T	ECP3774T	2,154	SDM	19.50	231	92.4	230/460	12.5	1
		215T	ECP3774T-4	2,154	SDM	19.50	211	92.4	460	12.5	1
	1200	256T	ECP2332T	3,713	SDM	24.78	348	91	230/460	14.2	1, 30
		256T	ECP2332T-4	3,713	SDM	24.78	347	91	460	14.2	1
	900	284T	ECP2402T-4	5,849	SDM	27.93	468	89.5	460	14.6	1
15	3600	254T	ECP2294T	2,922	SDM	24.78	300	91.7	230/460	17.2	1, 30
		254T	ECP2394T-4	2,922	SDM	24.78	297	91.7	460	17.2	1
	1800	254T	ECP2333T	2,745	SDM	24.78	314	92.4	230/460	18.1	1, 30
		254T	ECP2333T-4	2,745	SDM	24.78	294	92.4	460	18.1	1
	1200	284T	ECP4100T	4,257	SDM	27.93	449	91.7	230/460	21	1, 30
		284T	ECP4100T-4	4,257	SDM	27.93	448	91.7	460	21	1
	900	286T	ECP2395T-4	7,807	SDM	27.93	479	89.5	460	23	1
20	3600	256T	ECP4106T	3,408	SDM	24.78	324	91.7	230/460	22	1, 30
		256T	ECP4106T-4	3,408	SDM	24.78	328	91.7	460	22	1
	1800	256T	ECP2334T	2,944	SDM	24.78	334	93	230/460	24	1, 30
		256T	ECP2334T-4	2,944	SDM	24.78	333	93	460	24	1
	1200	286T	ECP4102T	5,784	SDM	27.93	437	91.7	230/460	27	1
		286T	ECP4102T-4	5,784	SDM	27.93	437	91.7	460	27	1
	900	324T	ECP4112T-4	8,900	SDM	30.66	600	90.2	460	30	1
25	3600	284TS	ECP4107T	4,096	SDM	26.62	396	91.7	230/460	28	1, 30
		284TS	ECP4107T-4	4,096	SDM	26.62	410	91.7	460	28	1
	1800	284T	ECP4103T	3,852	SDM	27.93	431	93.6	230/460	30	1, 30
		284T	ECP4103T-4	3,852	SDM	27.93	435	93.6	460	30	1
	1200	324T	ECP4111T	6,044	SDM	30.28	604	93	230/460	32	1, 30
		324T	ECP4111T-4	6,044	SDM	30.28	608	93	460	32	1
	900	326T	ECP4124T-4	11,114	SDM	30.66	598	90.2	460	37	1
30	3600	286TS	ECP4108T	4,993	SDM	26.62	440	91.7	230/460	34	1
		286TS	ECP4108T-4	4,993	SDM	26.62	424	91.7	460	34	1
	1800	286T	ECP4104T	4,574	SDM	27.93	475	93.6	230/460	38	1, 30
		286T	ECP4104T-4	4,574	SDM	27.93	470	93.6	460	38	1
	1200	326T	ECP4117T	7,791	SDM	30.28	621	93	230/460	39	1, 30
		326T	ECP4117T-4	7,791	SDM	30.28	633	93	460	39	1
	900	364T	ECP4113T-4	11,752	SDM	33.44	813	92.4	460	39.3	1
40	3600	324TS	ECP4109T	6,859	SDM	29.15	552	93	230/460	45	1
		324TS	ECP4109T-4	6,859	SDM	29.15	566	93	460	46	1
	1800	324T	ECP4110T	5,984	SDM	30.28	618	94.1	230/460	48	1, 30
		324T	ECP4110T-4	5,984	SDM	30.28	626	94.1	460	48	1
	1200	364T	ECP4308T	9,522	SDM	33.49	918	94.1	230/460	49.4	1
		364T	ECP4308T-4	9,522	SDM	33.49	889	94.1	460	49.4	1
	900	365T	ECP4315T-4	13,513	SDM	33.44	813	93	460	52	1
50	3600	326TS	ECP4114T	7,188	SDM	29.15	619	93	230/460	56	1, 30
		326TS	ECP4114T-4	7,188	SDM	29.15	610	93	460	56	1
	1800	326T	ECP4115T	7,024	SDM	30.28	641	94.5	230/460	58	1, 30
		326T	ECP4115T-4	7,024	SDM	30.28	668	94.5	460	58	1
	1200	365T	ECP4312T	11,275	SDM	33.49	928	94.1	230/460	61.7	1
		365T	ECP4312T-4	11,275	SDM	33.49	920	94.1	460	61.7	1
	900	405T	ECP4417T-4	16,652	SDM	38.20	1216	93	460	63	1

(a) See notes on inside back flap.

■ Cast iron frame

Three phase, totally enclosed, 230/460 volts, 460 volts and 575 volts, foot mounted

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)	
230/460 volts & 460 volts (continued)												
60	3600	364TS	ECP4310T	10,140	SDM	31.37	929	95	230/460	65.1	1	
		364TS	ECP4310T-4	10,140	SDM	31.37	882	95	460	65.1	1	
	1800	364T	ECP4314T	10,027	SDM	33.49	933	95	230/460	68	1	
		364T	ECP4314T-4	10,027	SDM	33.49	941	95	460	68	1	
	1200	404T	ECP4403T	14,128	SDM	38.20	1281	95	230/460	69	1	
		404T	ECP4403T-4	14,128	SDM	38.20	1331	95	460	69	1	
		404T	ECP4403TR-4	14,842	SDM	38.20	1375	94.5	460	67.3	1, 5	
		404T	ECP4418T-4	19,529	SDM	38.20	1216	93	460	76	1	
	75	3600	365TS	ECP4313T	11,615	SDM	31.37	1004	93.6	230/460	80.7	1
			365TS	ECP4313T-4	11,615	SDM	31.37	990	93.6	460	80.7	1
1800		365T	ECP4316T	11,537	SDM	33.49	958	95.4	230/460	85.9	1	
		365T	ECP4316T-4	11,537	SDM	33.49	962	95.4	460	84.9	1	
1200		365T	ECP4316TR-4	12,162	SDM	33.44	965	95.4	460	85.9	1, 5	
		405T	ECP4404T	17,194	SDM	38.20	1275	94.5	230/460	86.9	1	
		405T	ECP4404T-4	17,194	SDM	38.20	1334	94.5	460	86.9	1	
		405T	ECP4404TR-4	17,908	SDM	38.20	1334	94.5	460	86.9	1, 5	
100		900	444T	ECP4419T-4	24,111	SDM	44.75	1815	94.5	460	89.3	1
			405TS	ECP4402T	14,657	SDM	35.04	1283	94.1	230/460	110	1
	3600	405TS	ECP4402T-4	14,657	SDM	35.04	1272	94.1	460	110	1	
		405T	ECP4400T-4	14,439	SDM	38.20	1296	95.4	460	112	1	
		405T	ECP4400TR-4	15,153	SDM	38.20	1326	95.4	460	112	1, 5	
		405TS	ECP4400TS-4	14,439	SDM	35.04	1304	95.4	460	112	1	
	1200	444T	ECP4409T-4	18,912	SDM	44.75	1871	95	460	119	1	
		444T	ECP4409TR-4	20,140	SDM	44.75	1871	95	460	119	1, 5	
		900	445T	ECP4420T-4	28,143	SDM	44.75	1905	93.6	460	125	1
		3600	444TS	ECP4412T	17,223	SDM	41.08	1957	95	230/460	138	1
444TS			ECP4412T-4	17,223	SDM	41.08	1901	95	460	137	1	
125		1800	444T	ECP4410T-4	17,070	SDM	44.75	1950	95.4	460	144	1
	444T		ECP4410TR-4	18,298	SDM	44.75	1950	95.4	460	144	1, 5	
	1200	445T	ECP4411T-4	21,365	SDM	44.75	2146	95	460	146	1	
		445T	ECP4411TR-4	22,593	SDM	44.75	2146	95	460	146	1, 5	
	900	447T	ECP4421T-4	30,823	SDM	48.24	2330	95	460	149	1	
		3600	445TS	ECP4413T-4	20,191	SDM	40.83	2017	95	460	164	1
		1800	445T	ECP4406T-4	19,997	SDM	44.75	2190	95.8	460	169	1
			445T	ECP4406TR-4	21,225	SDM	44.75	2190	95.8	460	169	1, 5
		1200	447T	ECP44156T-4	24,088	SDM	48.24	2546	95.8	460	170	1
			447T	ECP44156TR-4	25,315	SDM	48.24	2585	95.8	460	170	1, 5
150	900	449T	ECP4422T-4	35,415	SDM	53.24	3051	95	460	188	1	
		3600	447TS	ECP4416T-4	23,908	SDM	44.48	2436	96.2	460	213	1
	1800	447T	ECP4407T-4	24,056	SDM	48.24	2545	96.2	460	222	1	
		447T	ECP4407TR-4	25,282	SDM	48.24	2621	96.2	460	222	1, 5	
		447TS	ECP4407TS-4	24,056	SDM	44.48	2573	96.2	460	222	1	
		449T	ECP44206T-4	31,553	SDM	53.24	3104	95.8	460	225	1	
	1200	449T	ECP44206TR-4	32,779	SDM	53.24	3091	95.8	460	225	1, 5	
		900	449T	ECP4423T-4	44,951	SDM	53.24	3179	95	460	248	1
			3600	449TS	ECP44252T-4	36,560	SDM	49.48	2633	95.8	460	269
		1800	449T	ECP4408T-4	30,527	SDM	53.24	2981	96.2	460	276	1
449T			ECP4408TR-4	31,753	SDM	53.24	2995	96.2	460	276	1, 5	
449T			ECP44256T-4	44,018	SDM	53.24	3090	96.2	460	283	1	
449T	ECP44256TR-4		45,244	SDM	53.24	3093	95.8	460	287	1, 5		
200	900	L449T	ECP49258T-4	54,429	SDM	60.13	3430	95	460	288	1, 99	
		3600	449TS	ECP44302T-4	53,433	SDM	49.48	2789	96.2	460	318	1
	1800	449T	ECP44304T-4	42,075	SDM	53.24	3061	96.2	460	334	1	
		449T	ECP44304TR-4	43,302	SDM	53.24	3048	96.2	460	334	1, 5	
		1200	L449T	ECP49306T-4	44,454	SDM	60.13	3125	95.8	460	340	1, 99
		900	L449T	ECP49308T-4	65,528	SDM	60.13	4089	95	460	378	14, 99
	3600	449TS	ECP44352T-4	64,135	SDM	49.48	2965	95.8	460	370	1	
		1800	L449T	ECP49354T-4	50,488	SDM	60.21	3543	96.2	460	384	1, 99
			1200	586/7T	ECP583506-PP	55,900	ISD	65.72	4806	95.8	460	407
		900	586/7T	ECP583508-PP	53,900	ISD	65.72	4806	95	460	435	2

(a) See notes on inside back flap. Cast iron frame Red catalog number indicates **NEW** product.

Three phase, totally enclosed, 230/460 volts, 460 volts and 575 volts, foot mounted

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volts & 460 volts (continued)											
400	3600	L449TS	ECP44402T-4	75,034	SDM	56.72	3700	96.2	460	420	1
	1800	586/7T	ECP584004-PP	54,800	ISD	65.72	4718	96.2	460	459	
	1200	586/7T	ECP584006-PP	56,500	ISD	65.72	4806	95.8	460	488	
	900	587/8T	ECP584008-PP	62,700	ISD	75.56	5512	95	460	490	2
450	3600	586/7TS	ECP584502-PP	58,600	ISD	65.72	4415	95.8	460	498	
	1800	586/7T	ECP584504-PP	55,500	ISD	65.72	4718	96.2	460	519	
	1200	586/7T	ECP584506-PP	59,750	ISD	65.72	4806	95.8	460	530	2
	900	587/8T	ECP584508-PP	65,600	ISD	75.56	5809	95	460	559	2
500	3600	586/7TS	ECP585002-PP	60,060	ISD	65.72	4415	95.8	460	546	2
	1800	586/7T	ECP585004-PP	56,335	ISD	65.72	4718	96.2	460	569	2
	1200	586/7T	ECP585006-PP	60,500	ISD	65.72	4806	95.8	460	603	2
600	3600	586/7TS	ECP586002-PP	65,500	ISD	65.72	4620	95.8	460	659	2
	1800	586/7T	ECP586004-PP	58,300	ISD	65.72	4718	95.8	460	676	2
650	3600	586/7TS	ECP586502-PP	66,725	ISD	65.72	4620	95.8	460	698	2
	1800	587/8T	ECP586504-PP	61,628	ISD	65.72	4920	96.2	460	735	2
700	1800	587/8T	ECP587004-PP	68,685	ISD	75.56	5512	96.2	460	769	2
800	1800	587/8T	ECP588004-PP	73,990	ISD	75.56	5809	96.2	460	902	2
575 Volt											
1	3600	143T	ECP3580T-5	950	SDM	12.88	61	84	575	1.1	1
	1800	143T	ECP3581T-5	1,044	SDM	12.88	65	87.5	575	1.2	1
1 1/2	1800	145T	ECP3584T-5	1,063	SDM	12.88	71	88.5	575	1.7	1
2	1800	145T	ECP3587T-5	1,110	SDM	12.88	75	86.5	575	2.3	1
	3600	182T	ECP3660T-5	1,336	SDM	15.93	107	88.5	575	2.7	1
3	1800	182T	ECP3661T-5	1,404	SDM	15.93	113	89.5	575	3.3	1
	1200	213T	ECP3764T-5	1,971	SDM	19.50	211	90.2	575	3.6	1
5	3600	184T	ECP3663T-5	1,644	SDM	15.93	111	89.5	575	4.6	1
	1800	184T	ECP3665T-5	1,429	SDM	15.93	118	89.5	575	5.3	1
	1200	215T	ECP3768T-5	1,998	SDM	19.50	196	90.2	575	5.8	1
7 1/2	3600	213T	ECP3769T-5	2,145	SDM	19.50	169	91.7	575	6.9	1
	1800	213T	ECP3770T-5	1,799	SDM	19.50	170	91.7	575	7.5	1
	1200	254T	ECP2276T-5	2,858	SDM	24.78	333	91.7	575	8.7	1
10	3600	215T	ECP3771T-5	2,284	SDM	19.50	182	92.4	575	8.9	1
	1800	215T	ECP3774T-5	2,154	SDM	19.50	231	92.4	575	10	1
	1200	256T	ECP2332T-5	3,713	SDM	24.78	347	91	575	11.5	1
15	3600	254T	ECP2394T-5	2,922	SDM	24.78	239	91.7	575	13.8	1
	1800	254T	ECP2333T-5	2,745	SDM	24.78	297	92.4	575	14.6	1
	1200	284T	ECP4100T-5	4,257	SDM	27.93	446	93	575	15.9	1
20	3600	256T	ECP4106T-5	3,408	SDM	24.78	310	91.7	575	17.9	1
	1800	256T	ECP2334T-5	2,944	SDM	24.78	325	93	575	19.2	1
	1200	286T	ECP4102T-5	5,784	SDM	27.93	478	93	575	20.6	1
25	1800	284T	ECP4103T-5	3,852	SDM	27.93	424	93.6	575	24	1
	1200	324T	ECP4111T-5	6,044	SDM	30.28	612	93	575	25.7	1
30	1800	286T	ECP4104T-5	4,574	SDM	27.93	467	93.6	575	29	1
	1200	326T	ECP4117T-5	7,791	SDM	30.28	630	93	575	30	1
40	1800	324T	ECP4110T-5	5,984	SDM	30.28	623	94.1	575	37	1
	1200	364T	ECP4308T-5	9,710	SDM	33.49	910	94.1	575	40	1
50	1800	326T	ECP4115T-5	7,024	SDM	30.28	652	94.5	575	45	1
60	1800	364T	ECP4314T-5	10,027	SDM	33.49	936	95	575	54.4	1
	3600	365TS	ECP4313T-5	11,661	SDM	31.35	1005	93.6	575	66	1
	1800	365T	ECP4316T-5	11,537	SDM	33.49	966	95.4	575	68.7	1
75	1200	405T	ECP4404T-5	17,194	SDM	38.19	1322	94.5	575	70	1
	1800	405T	ECP4400T-5	14,439	SDM	38.04	1305	95.4	575	89.6	1
100	1800	444T	ECP4410T-5	17,070	SDM	44.75	2054	95.4	575	115	1
	1200	445T	ECP4411T-5	21,365	SDM	44.97	1913	95	575	116	1
150	1800	445T	ECP4406T-5	19,997	SDM	44.75	2175	95.8	575	135	1
200	1800	447T	ECP4407T-5	24,056	SDM	48.24	2570	96.2	575	178	1
250	1800	449T	ECP4408T-5	30,527	SDM	53.47	3027	96.2	575	219	1
300	1800	449T	ECP44304T-5	42,075	SDM	53.47	3150	96.2	575	267	1
350	1800	L449T	ECP49354T-5	50,488	SDM	60.47	3680	96.2	575	309	1
400	1800	L449T	ECP49404T-5	63,060	SDM	60.47	3702	96.2	575	356	1

(a) See notes on inside back flap. Cast iron frame Red catalog number indicates **NEW** product.

Three phase, totally enclosed, 460 volts, 230/460 volts and 575 volts, C-Face 1 thru 200 Hp

IP55



Features:

- Robust cast iron construction
- Regreaseable bearings all frames
- Embossed raised letter, 304 stainless steel nameplates
- Inverter ready nameplate
- Division 2, Class I, Groups A,B,C,D markings on nameplate
- Locked bearing to allow mounting in any configuration

Applications:

- Chemical, oil & gas
- Pulp & paper, forest products
- Metals & foundries
- Cement, aggregate & above ground mining
- Food processing
- Power generation

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
C-Face, Foot Mounted											
1	1800	143TC	CECP3581T	1,099	SDM	13.38	67	87.5	230/460	1.5	1
		143TC	CECP3581T-5	1,099	SDM	13.38	60	85.5	575	1.2	1
	1200	145TC	CECP3582T	1,211	SDM	13.38	75	82.5	230/460	1.7	1
1 1/2	1800	145TC	CECP3584T	1,121	SDM	13.38	72	88.5	230/460	2.1	1
		145TC	CECP3584T-5	1,121	SDM	13.38	72	88.5	575	1.7	1
	1200	182TC	CECP3667T	1,407	SDM	16.68	99	87.5	230/460	2.5	1
2	1800	145TC	CECP3587T	1,166	SDM	13.38	76	88.5	230/460	2.8	1
		145TC	CECP3587T-5	1,166	SDM	13.38	76	88.5	575	2.3	1
	1200	184TC	CECP3664T	1,422	SDM	16.68	113	88.5	230/460	3.2	1
		3600	182TC	CECP3660T	1,436	SDM	16.68	112	88.5	230/460	3.4
3	1800	182TC	CECP3661T	1,505	SDM	16.68	114	89.5	230/460	4.1	1
		182TC	CECP3661T-5	1,505	SDM	16.68	114	89.5	575	3.2	1
	1200	213TC	CECP3764T	2,072	SDM	20.24	187	90.2	230/460	4.5	1, 30
		3600	184TC	CECP3663T	1,744	SDM	16.68	121	90.2	230/460	5.7
5	1800	184TC	CECP3665T	1,529	SDM	16.68	130	89.5	230/460	6.5	1
		184TC	CECP3665T-5	1,529	SDM	16.68	130	90.2	575	5.2	1
	1200	215TC	CECP3768T	2,098	SDM	20.24	226	90.2	230/460	7.3	1, 30
		3600	213TC	CECP3769T	2,345	SDM	20.24	173	89.5	230/460	8.6
7 1/2	1800	213TC	CECP3770T	2,000	SDM	20.24	170	91.7	230/460	9.5	1
		213TC	CECP3770T-5	2,000	SDM	20.24	170	91.7	575	7.5	1
	1200	254TC	CECP2276T	3,059	SDM	25.28	305	91	230/460	10.7	1, 30
		3600	215TC	CECP3771T	2,482	SDM	20.24	203	92.4	230/460	11
10	1800	215TC	CECP3774T	2,354	SDM	20.24	231	92.4	230/460	12.5	1
		215TC	CECP3774T-5	2,354	SDM	20.24	231	91.7	575	9.8	1
	1200	256TC	CECP2332T	3,913	SDM	25.28	323	91	230/460	14.2	1, 30
		3600	254TC	CECP2294T	3,505	SDM	25.28	307	91.7	230/460	17.2
15	1800	254TC	CECP2333T	3,344	SDM	25.28	297	92.4	230/460	18.1	1, 30
		254TC	CECP2333T-4	3,344	SDM	25.28	296	92.4	460	18.1	1
	1200	254TC	CECP2333T-5	3,344	SDM	25.28	296	92.4	575	14.6	1
		3600	284TC	CECP4100T	4,856	SDM	27.93	435	91.7	230/460	21
20	1800	256TC	CECP4106T	3,991	SDM	25.28	333	91	230/460	22	1, 30
		256TC	CECP2334T	3,544	SDM	25.28	339	93	230/460	24	1, 30
	1200	256TC	CECP2334T-4	3,544	SDM	25.28	336	93	460	24	1
		3600	256TC	CECP2334T-5	3,544	SDM	25.28	336	93	575	19.2
25	1800	286TC	CECP4102T	6,384	SDM	27.93	460	91.7	230/460	26	1
		3600	284TSC	CECP4107T	4,868	SDM	26.56	396	91.7	230/460	28
	1200	284TC	CECP4103T-4	4,684	SDM	27.93	440	93.6	460	30	1
		3600	286TC	CECP4103T	4,684	SDM	27.93	449	93.6	230/460	30
30	1800	286TC	CECP4103T-5	4,684	SDM	27.93	449	93.6	575	24	1
		324TC	CECP4111T	6,876	SDM	30.28	626	93	230/460	32	1, 30
	1200	286TSC	CECP4108T	5,766	SDM	26.56	454	91.7	230/460	34	1
		3600	286TC	CECP4104T	5,406	SDM	27.93	478	93.6	230/460	36
30	1800	286TC	CECP4104T-4	5,406	SDM	27.93	475	93.6	460	36	1
		286TC	CECP4104T-5	5,406	SDM	27.93	475	93.6	575	28	1
	1200	326TC	CECP4117T	8,623	SDM	30.28	640	93	230/460	39	1, 30

(a) See notes on inside back flap.  Cast iron frame  Red catalog number indicates **NEW** product.

For more information visit baldor.com or new.abb.com/motors-generators

Three phase, totally enclosed, 460 volts, 230/460 volts and 575 volts, C-Face

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
C-Face, Foot Mounted (continued)											
40	3600	324TSC	CECP4109T	7,751	SDM	28.78	571	92.4	230/460	45	1
	1800	324TC	CECP4110T	6,901	SDM	30.28	628	94.1	230/460	48	1, 30
	1200	364TC	CECP4308T	10,493	SDM	33.44	908	94.1	230/460	49.4	1
50	3600	326TSC	CECP4114T	8,079	SDM	28.78	639	93	230/460	56	1, 30
	1800	326TC	CECP4115T	7,941	SDM	30.28	656	94.5	230/460	58	1, 30
	1200	365TC	CECP4312T	12,246	SDM	33.44	908	94.1	230/460	61.7	1
60	3600	364TSC	CECP4310T	11,111	SDM	31.31	874	95	230/460	65.1	1
		364TC	CECP4314T	10,998	SDM	33.44	880	95	230/460	68	1
	1800	364TC	CECP4314T-4	10,581	SDM	33.48	961	95	460	70	1
75		364TC	CECP4314T-5	10,581	SDM	33.48	961	95	575	55	1
	3600	365TSC	CECP4313T	12,586	SDM	31.31	899	94.5	230/460	80.7	1
	1800	365TC	CECP4316T	12,508	SDM	33.44	905	95.4	230/460	85.9	1
100	3600	405TSC	CECP4402T-4	15,871	SDM	35.31	1327	95	460	110	1
	1800	405TC	CECP4400T-4	15,928	SDM	38.20	1388	95.4	460	112	1
150	1800	445TC	CECP4406T-4	22,059	SDM	44.75	2138	95.8	460	169	1
200	1800	447TC	CECP4407T-4	26,536	SDM	48.24	2455	96.2	460	222	1
C-Face, Footless											
1	3600	56C	VECP3580-4	1,001	SDM	14.50	60	84	460	1.4	1
		56C	VECP3581	1,094	SDM	14.50	66	87.5	230/460	1.5	1
	1800	56C	VECP3581-4	1,094	SDM	14.50	66	87.5	460	1.5	1
		143TC	VECP3581T	1,094	SDM	14.57	67	87.5	230/460	1.5	1
		143TC	VECP3581T-4	1,094	SDM	14.57	66	87.5	460	1.5	1
1200	145TC	VECP3582T	1,205	SDM	14.57	69	82.5	230/460	1.7	1	
1 1/2	3600	143TC	VECP3583T-4	1,129	SDM	14.57	67	85.5	460	2	1
	1800	145TC	VECP3584T	1,112	SDM	14.57	71	88.5	230/460	2.1	1
		145TC	VECP3584T-4	1,112	SDM	14.57	70	88.5	460	2.1	1
2	1200	182TC	VECP3667T	1,431	SDM	16.98	103	87.5	230/460	2.5	1
	3600	145TC	VECP3586T-4	1,182	SDM	14.57	74	86.5	460	2.5	1
	1800	145TC	VECP3587T	1,158	SDM	14.57	75	88.5	230/460	2.8	1
		145TC	VECP3587T-4	1,158	SDM	14.57	75	88.5	460	2.8	1
		1200	184TC	VECP3664T	1,451	SDM	16.98	114	88.5	230/460	3.2
3	3600	182TC	VECP3660T-4	1,419	SDM	16.98	103	88.5	460	3.4	1
	1800	182TC	VECP3661T	1,487	SDM	16.98	112	89.5	230/460	4.1	1
		182TC	VECP3661T-4	1,487	SDM	16.98	105	89.5	460	4.1	1
5	1200	213TC	VECP3764T	2,140	SDM	21.36	165	90.2	230/460	4.5	1, 30
	3600	184TC	VECP3663T-4	1,727	SDM	16.98	108	89.5	460	5.7	1
	1800	184TC	VECP3665T	1,513	SDM	16.98	119	89.5	230/460	6.5	1
		184TC	VECP3665T-4	1,513	SDM	16.98	119	89.5	460	6.6	1
		1200	215TC	VECP3768T	2,165	SDM	21.36	225	90.2	230/460	7.3
7 1/2	3600	213TC	VECP3769T-4	2,313	SDM	21.36	173	91.7	460	8.6	1
	1800	213TC	VECP3770T	1,966	SDM	21.36	170	91.7	230/460	9.5	1
		213TC	VECP3770T-4	1,966	SDM	21.36	170	91.7	460	9.5	1
10	1200	254TC	VECP2276T	3,392	SDM	27.40	338	91	230/460	10.7	1, 30
	3600	215TC	VECP3771T-4	2,450	SDM	21.36	203	92.4	460	11	1
	1800	215TC	VECP3774T	2,322	SDM	21.36	231	92.4	230/460	12.5	1
		215TC	VECP3774T-4	2,322	SDM	21.36	231	92.4	460	12.5	1
		1200	256TC	VECP2332T	4,246	SDM	27.40	348	91	230/460	14.2
15	1800	254TC	VECP2333T	3,279	SDM	27.40	314	92.4	230/460	18.1	1, 30
		254TC	VECP2333T-4	3,279	SDM	27.40	303	92.4	460	18.1	1
	1200	284TC	VECP4100T	5,006	SDM	30.68	503	91.7	230/460	21	1, 30
20	1800	256TC	VECP2334T	3,476	SDM	27.40	338	93	230/460	24	1, 30
		256TC	VECP2334T-4	3,476	SDM	27.40	365	93	460	24	1
	1200	286TC	VECP4102T	6,534	SDM	30.68	528	91.7	230/460	27	1
25	1800	284TC	VECP4103T	4,602	SDM	30.68	483	93.6	230/460	31	1, 30
	1200	324TC	VECP4111T	6,877	SDM	33.03	636	93	230/460	32	1, 30

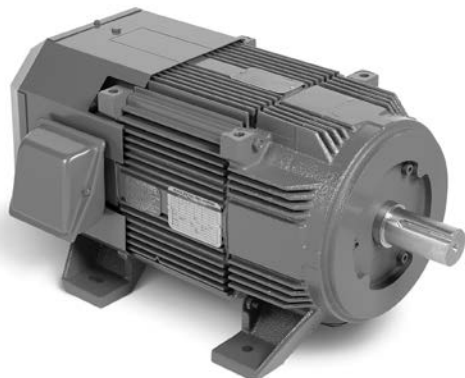
(a) See notes on inside back flap.

Cast iron frame

Red catalog number indicates NEW product.

RPM XE, extreme efficiency, totally enclosed, 460 volts

10 thru 100 Hp



RPM XE, TEFC standard NEMA frame

Features:

- TEFC, 1800 RPM, severe duty, Design B, 1.15 SF
- Efficiency two to four levels above NEMA premium
- Power dense and standard NEMA frame sizes
- Designed for across the line operation
- Suitable for adjustable frequency power in scalar mode
- Up to IE3 combined system efficiency when properly matched with VFD running in V/Hz or scalar mode
- Operates at true synchronous speed regardless of load
- Up to IE5 Efficiency when run across the line

Applications:

- Centrifugal fan and pump applications
- Continuous applications demanding the ultimate efficiency
- Compressors
- Applications demanding reduced weight or inertia

Standard NEMA frame

Hp	RPM	Frame	Encl	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	*Full Load Efficiency	Full Load Amps	Dimension Sheet	Notes (a)
10	1800	HL215T	TEFC	XEFRPM21104	3,102	RP5	21.77	170	94.6	10	619704-001	
15	1800	HL254T	TEFC	XEFRPM25154	3,954	RP5	23.89	195	94.9	15	619702-001	
20	1800	HL256T	TEFC	XEFRPM25204	4,242	RP5	24.89	210	94.9	20	619703-001	
25	1800	HL284T	TEFC	XEFRPM28254	5,550	RP5	26.38	290	95.4	25	619696-001	
30	1800	HL286T	TEFC	XEFRPM28304	6,588	RP5	27.37	315	95.4	30	619697-001	
40	1800	HL324T	TEFC	XEFRPM32404	8,616	RP5	28.81	435	96.4	40	619698-001	
50	1800	HL326T	TEFC	XEFRPM32504	10,116	RP5	30.81	500	96.6	50	619699-001	
60	1800	HL364T	TEFC	XEFRPM36604	13,560	RP5	32.93	690	97.0	60	619707-001	
75	1800	HL365T	TEFC	XEFRPM36754	15,840	RP5	35.19	775	97.3	75	619706-001	
100	1800	HL405T	TEFC	XEFRPM401004	20,796	RP5	40.58	955	97.3	100	619705-001	

(a) See notes on inside back flap.

IEEE 841, three phase, totally enclosed, 460 volts and 575 volts

1 thru 300 Hp

IP56



Features:

- Meets and exceeds the requirements of IEEE Std. 841-2009
- Patented PLS lubrication system for bearing longevity
- Inverter ready nameplate
- Meets IEEE 45 on nameplate
- IEEE 841 test report ships with the motor

Applications:

- Chemical, oil & gas
- Pulp & paper, forest products
- Metals & foundries
- Cement, aggregate & above ground mining
- Food processing
- Power generation

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
460 volts											
1	3600	143T	ECP83580T-4	1,043	SD8	12.88	60	84	460	1.4	1
		143T	ENCP83580T-4	994	SD8	11.37	56	84	460	1.3	1, 60
	1800	143T	ECP83581T-4	1,145	SD8	12.88	69	87.5	460	1.5	1
		143T	ENCP83581T-4	1,087	SD8	11.37	60	87.5	460	1.5	1, 60
1 1/2	1200	145T	ECP83582T-4	1,228	SD8	12.88	69	82.5	460	1.7	1
	3600	143T	ECP83583T-4	1,120	SD8	12.88	69	85.5	460	2	1
		145T	ECP83584T-4	1,165	SD8	12.87	73	88.5	460	2.1	1
	1200	182T	ECP83667T-4	1,414	SD8	15.93	114	87.5	460	2.5	1
2	3600	145T	ECP83586T-4	1,229	SD8	12.88	78	85.5	460	2.5	1
	1800	145T	ECP83587T-4	1,217	SD8	12.87	78	88.5	460	2.8	1
	1200	184T	ECP83664T-4	1,537	SD8	15.93	130	88.5	460	3.2	1
3	3600	182T	ECP83660T-4	1,465	SD8	15.93	116	88.5	460	3.4	1
	1800	182T	ECP83661T-4	1,541	SD8	15.93	116	89.5	460	4.1	1
	1200	213T	ECP83764T-4	2,143	SD8	19.50	165	89.5	460	4.5	1
5	3600	184T	ECP83663T-4	1,805	SD8	15.93	132	88.5	460	5.7	1
	1800	184T	ECP83665T-4	1,570	SD8	15.93	127	89.5	460	6.6	1
	1200	215T	ECP83768T-4	2,215	SD8	19.50	193	89.5	460	7.1	1
7 1/2	3600	213T	ECP83769T-4	2,356	SD8	19.50	179	91.7	460	8.6	1
	1800	213T	ECP83770T-4	1,978	SD8	19.50	199	91.7	460	9.5	1
	1200	254T	ECP82276T-4	3,195	SD8	24.78	343	91	460	10.5	1
10	3600	215T	ECP83771T-4	2,508	SD8	19.50	225	91	460	11.3	1
	1800	215T	ECP83774T-4	2,342	SD8	19.50	231	91.7	460	12.2	1
	1200	256T	ECP82332T-4	4,079	SD8	24.78	359	91	460	14.1	1
	3600	254T	ECP82394T-4	3,264	SD8	24.78	308	91	460	17	1
15	1800	254T	ECP82333T-4	3,015	SD8	24.78	322	92.4	460	17.6	1
	1200	284T	ECP84100T-4	4,712	SD8	27.93	447	91.7	460	19.4	1
	3600	256T	ECP84106T-4	3,742	SD8	24.78	328	91.7	460	22	1
20	1800	256T	ECP82334T-4	3,260	SD8	24.78	350	93	460	23	1
	1200	286T	ECP84102T-4	6,350	SD8	27.93	442	91.7	460	26	1
	3600	284TS	ECP84107T-4	4,575	SD8	26.56	360	91.7	460	28	1
25	1800	284T	ECP84103T-4	4,228	SD8	27.93	441	93.6	460	30	1
	1200	324T	ECP84111T-4	6,692	SD8	30.66	638	93	460	32	1
	3600	286TS	ECP84108T-4	5,480	SD8	26.56	442	91.7	460	34	1
30	1800	286T	ECP84104T-4	4,979	SD8	27.93	545	93.6	460	36	1
	1200	326T	ECP84117T-4	8,709	SD8	30.66	637	93	460	38.6	1
	3600	324TS	ECP84109T-4	7,498	SD8	29.16	626	92.4	460	44	1
40	1800	324T	ECP84110T-4	6,629	SD8	30.66	629	94.1	460	46	1
	1200	364T	ECP84308T-4	10,670	SD8	33.49	927	94.1	460	49.4	1
	3600	326TS	ECP84114T-4	7,821	SD8	29.16	623	93	460	55	1
50	1800	326T	ECP84115T-4	7,783	SD8	30.66	679	94.5	460	57	1
	1200	365T	ECP84312T-4	12,423	SD8	33.49	928	94.1	460	61.7	1

(a) See notes on inside back flap. ■ Cast iron frame

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

IEEE 841, three phase, totally enclosed, 460 volts and 575 volts

Information	Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
	460 volts (continued)											
Single phase	60	3600	364TS	ECP84310T-4	11,288	SD8	31.37	905	95	460	65.1	1
		1800	364T	ECP84314T-4	11,175	SD8	33.49	913	95	460	68	1
		1200	404T	ECP84403T-4	14,718	SD8	38.04	1271	95	460	69	1
	75	3600	365TS	ECP84313T-4	12,763	SD8	31.37	1045	94.5	460	80.7	1
		1800	365T	ECP84316T-4	12,685	SD8	33.49	971	95.4	460	85.9	1
		1200	405T	ECP84404T-4	17,827	SD8	38.20	1327	94.5	460	86.9	1
General purpose	100	3600	405TS	ECP84402T-4	15,341	SD8	35.04	1277	95	460	110	1
		1800	405T	ECP84400T-4	16,043	SD8	38.20	1299	95.4	460	112	1
			405T	ECP84400TR-4	16,757	SD8	38.20	1326	95.4	460	112	1, 5
		1200	444T	ECP84409T-4	19,609	SD8	44.75	1940	95	460	119	1
			444T	ECP84409TR-4	20,837	SD8	44.97	1599	95	460	119	1, 5
	125	3600	444TS	ECP84412T-4	17,941	SD8	40.98	1968	95	460	137	1
		1800	444T	ECP84410T-4	18,198	SD8	44.75	2020	95.4	460	144	1
			444T	ECP84410TR-4	19,426	SD8	44.97	1669	95.4	460	144	1, 5
Severe duty		1200	445T	ECP84411T-4	22,257	SD8	44.75	2083	95	460	146	1
			445T	ECP84411TR-4	23,485	SD8	44.97	1874	95	460	146	1, 5
		3600	445TS	ECP84413T-4	20,617	SD8	40.98	2053	95	460	164	1
	150	1800	445T	ECP84406T-4	21,521	SD8	44.75	2184	95.8	460	169	1
			447T	ECP844156T-4	24,739	SD8	48.24	2536	95.8	460	170	1
		1200	447T	ECP844156TR-4	25,964	SD8	48.24	2615	95.8	460	170	1, 5
	200	3600	447TS	ECP84416T-4	27,256	SD8	44.48	2433	96.2	460	213	1
		1800	447T	ECP84407T-4	25,892	SD8	48.24	2582	96.2	460	222	1
			447T	ECP84407TR-4	27,119	SD8	48.24	2608	96.2	460	222	1, 5
Large AC		1200	449T	ECP844206T-4	32,865	SD8	53.24	3109	95.8	460	225	1
			449T	ECP844206TR-4	34,092	SD8	53.24	3108	95.8	460	225	1, 5
		3600	449TS	ECP844252T-4	43,915	SD8	49.48	2790	96.2	460	266	1
	250	1800	449T	ECP84408T-4	33,052	SD8	53.24	2959	96.2	460	276	1
			449T	ECP84408TR-4	34,246	SD8	53.24	2995	96.2	460	276	1, 5
		1200	449T	ECP844256T-4	46,128	SD8	53.24	3102	95.8	460	287	1
Washdown duty			449T	ECP844256TR-4	48,720	SD8	53.49	3125	95.8	460	286	1, 5
		3000	L449T	ECP844306T-4	47,744	SD8	60.47	3683	95.8	460	340	1
			L449T	ECP844306TR-4	50,336	SD8	60.47	3683	95.8	460	340	1, 5
	575 volts											
	1	3600	143T	ECP83580T-5	1,043	SD8	12.88	63	84	575	1.1	1
		1800	143T	ECP83581T-5	1,145	SD8	12.87	67	87.5	575	1.2	1
		1200	145T	ECP83582T-5	1,228	SD8	12.88	69	82.5	575	1.4	1
	1 1/2	3600	143T	ECP83583T-5	1,120	SD8	12.87	71	85.5	575	1.6	1
		1800	145T	ECP83584T-5	1,165	SD8	12.87	73	88.5	575	1.7	1
		1200	182T	ECP83667T-5	1,414	SD8	15.93	105	87.5	575	2	1
	2	3600	145T	ECP83586T-5	1,161	SD8	12.88	79	85.5	575	2	1
		1800	145T	ECP83587T-5	1,217	SD8	12.87	77	86.5	575	2.3	1
		1200	184T	ECP83664T-5	1,537	SD8	15.93	128	88.5	575	2.5	1
	3	3600	182T	ECP83660T-5	1,465	SD8	15.93	116	88.5	575	2.7	1
		1800	182T	ECP83661T-5	1,541	SD8	15.93	118	89.5	575	3.3	1
		1200	213T	ECP83764T-5	2,143	SD8	19.50	211	89.5	575	3.6	1
	5	3600	184T	ECP83663T-5	1,805	SD8	15.93	130	88.5	575	4.6	1
		1800	184T	ECP83665T-5	1,570	SD8	15.93	127	89.5	575	5.3	1
		1200	215T	ECP83768T-5	2,215	SD8	19.50	226	89.5	575	5.7	1
	7 1/2	3600	213T	ECP83769T-5	2,356	SD8	19.50	179	91.7	575	6.9	1
		1800	213T	ECP83770T-5	1,978	SD8	19.50	199	91.7	575	7.6	1
		1200	254T	ECP82276T-5	3,352	SD8	24.78	348	91.7	575	8.4	1
	10	3600	215T	ECP83771T-5	2,508	SD8	19.50	225	90.2	575	9	1
		1800	215T	ECP83774T-5	2,342	SD8	19.50	231	91.7	575	9.8	1
		1200	256T	ECP82332T-5	4,079	SD8	24.78	357	91.7	575	11.4	1
	15	3600	254T	ECP82394T-5	3,264	SD8	24.78	305	91.7	575	13.7	1
		1800	254T	ECP82333T-5	3,015	SD8	24.78	318	92.4	575	14.1	1
		1200	284T	ECP84100T-5	4,712	SD8	27.93	445	91.7	575	15.6	1
Farm duty	20	3600	256T	ECP84106T-5	3,742	SD8	24.78	324	91.7	575	17.9	1
		1800	256T	ECP82334T-5	3,260	SD8	24.78	361	93	575	18.3	1
		1200	286T	ECP84102T-5	6,350	SD8	27.93	443	91.7	575	21	1

(a) See notes on inside back flap.

Cast iron frame

Red catalog number indicates NEW product.

IEEE 841, three phase, totally enclosed, 460 volts and 575 volts

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
575 volts (continued)											
25	3600	284TS	ECP84107T-5	4,575	SD8	26.56	429	91.7	575	23	1
	1800	284T	ECP84103T-5	4,228	SD8	27.93	345	93.6	575	24	1
	1200	324T	ECP84111T-5	6,692	SD8	30.66	623	93	575	25.4	1
30	3600	286TS	ECP84108T-5	5,480	SD8	26.56	422	91.7	575	27	1
	1800	286T	ECP84104T-5	4,979	SD8	27.93	489	93.6	575	28	1
	1200	326T	ECP84117T-5	8,709	SD8	30.66	635	93	575	31	1
40	3600	324TS	ECP84109T-5	7,498	SD8	29.16	624	92.4	575	35	1
	1800	324T	ECP84110T-5	6,629	SD8	30.66	635	94.1	575	37	1
	1200	364T	ECP84308T-5	10,670	SD8	33.49	922	94.1	575	39.5	1
50	3600	326TS	ECP84114T-5	7,821	SD8	29.16	662	93	575	44	1
	1800	326T	ECP84115T-5	7,783	SD8	30.66	653	94.5	575	45	1
	1200	365T	ECP84312T-5	12,423	SD8	33.49	924	94.1	575	49.3	1
60	3600	364TS	ECP84310T-5	11,288	SD8	31.37	932	95	575	52	1
	1800	364T	ECP84314T-5	11,175	SD8	33.49	937	95	575	54.4	1
	1200	404T	ECP84403T-5	14,718	SD8	38.04	1275	95	575	55.2	1
75	3600	365TS	ECP84313T-5	12,763	SD8	31.37	998	94.5	575	64.5	1
	1800	365T	ECP84316T-5	12,685	SD8	33.49	985	95.4	575	68.7	1
	1200	405T	ECP84404T-5	17,827	SD8	38.04	1283	94.5	575	69.5	1
100	3600	405TS	ECP84402T-5	15,341	SD8	35.04	1287	95	575	88	1
	1800	405T	ECP84400T-5	16,043	SD8	38.04	1304	95.4	575	89.6	1
	1200	444T	ECP84409T-5	19,609	SD8	44.75	1885	95	575	92	1
125	3600	444TS	ECP84412T-5	17,941	SD8	40.98	1799	95.4	575	109	1
	1800	444T	ECP84410T-5	18,198	SD8	44.75	1915	95.8	575	111	1
	1200	445T	ECP84411T-5	22,257	SD8	44.75	2000	95.4	575	114	1
150	3600	445TS	ECP84413T-5	20,617	SD8	40.98	2062	96.2	575	131	1
	1800	445T	ECP84406T-5	21,521	SD8	44.75	1886	96.2	575	132	1
	1200	447T	ECP844156TR-5	25,964	SD8	48.24	2595	95.8	575	136	1, 5
200	3600	447TS	ECP84416T-5	27,256	SD8	44.48	2182	96.2	575	177	1
	1800	447T	ECP84407T-5	25,892	SD8	48.24	2606	96.2	575	178	1
	1200	447T	ECP84407TR-5	27,119	SD8	48.24	2618	96.2	575	178	1, 5
250	3600	449T	ECP844206TR-5	34,092	SD8	53.24	3100	95.8	575	180	1, 5
	1800	449TS	ECP844252T-5	43,915	SD8	49.48	2784	96.2	575	212	1
	1200	449T	ECP84408T-5	33,052	SD8	53.24	2932	96.2	575	220	1
300	1800	449T	ECP84408TR-5	34,246	SD8	53.24	2732	96.2	575	220	1, 5
	1200	449T	ECP844256TR-5	48,720	SD8	53.47	3125	95.8	575	229	1, 5
300	1200	L449T	ECP844306TR-5	50,336	SD8	60.47	3683	95.8	575	272	1, 5

(a) See notes on inside back flap

Cast iron frame

Red catalog number indicates **NEW** product.

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

IEEE 841, three phase, TEFC, 460 volts and 575 volts, C-Face

1 thru 75 Hp

IP56



Features:

- Meets and exceeds the requirements of IEEE Std. 841-2009
- Patented PLS lubrication system for bearing longevity
- Inverter ready nameplate
- Meets IEEE 45 on nameplate
- IEEE 841 test report ships with the motor
- Locked bearing to allow mounting in any configuration

Applications:

- Chemical, oil & gas
- Pulp & paper, forest products
- Metals & foundries
- Cement, aggregate & above ground mining
- Food processing
- Power generation

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)	
C-Face, foot mounted, 460 volts												
1	3600	56C	CECP83580-4	1,339	SD8	14.81	56	84	460	1.4	10	
		143TC	CECP83580T-4	1,087	SD8	13.38	63	84	460	1.4	1	
		143TC	CENCP83580T-4	1,039	SD8	12.00	61	84	460	1.3	1, 60	
	1800	56C	CECP83581-4	1,442	SD8	14.81	56	87.5	460	1.5	10	
		143TC	CECP83581T-4	1,190	SD8	13.38	71	87.5	460	1.5	1	
		143TC	CENCP83581T-4	1,130	SD8	12.00	64	87.5	460	1.5	1, 60	
	1200	56C	CECP83582-4	1,525	SD8	14.81	56	82.5	460	1.7	10	
		145TC	CECP83582T-4	1,273	SD8	13.38	56	82.5	460	1.7	1	
		3600	143TC	CECP83583T-4	1,164	SD8	13.38	71	85.5	460	2	1
	1 1/2	1800	145TC	CECP83584T-4	1,212	SD8	13.38	75	88.5	460	2.1	1
		1200	182TC	CECP83667T-4	1,461	SD8	16.69	99	87.5	460	2.5	1
		3600	145TC	CECP83586T-4	1,277	SD8	13.38	80	85.5	460	2.5	1
2	1800	145TC	CECP83587T-4	1,262	SD8	13.38	78	88.5	460	2.8	1	
	1200	184TC	CECP83664T-4	1,681	SD8	16.69	113	88.5	460	3.2	1	
	3600	182TC	CECP83660T-4	1,552	SD8	16.69	121	88.5	460	3.4	1	
3	1800	182TC	CECP83661T-4	1,644	SD8	16.69	120	89.5	460	4.1	1	
	1200	213TC	CECP83764T-4	2,246	SD8	20.23	211	89.5	460	4.5	1	
	3600	184TC	CECP83663T-4	1,886	SD8	16.69	136	88.5	460	5.7	1	
5	1800	184TC	CECP83665T-4	1,653	SD8	16.69	131	89.5	460	6.6	1	
	1200	215TC	CECP83768T-4	2,298	SD8	20.23	226	89.5	460	7.1	1	
	3600	213TC	CECP83769T-4	2,445	SD8	20.23	179	91.7	460	8.6	1	
7 1/2	1800	213TC	CECP83770T-4	2,094	SD8	20.23	178	91.7	460	9.5	1	
	1200	254TC	CECP82276T-4	3,311	SD8	25.28	346	91	460	10.5	1	
	3600	215TC	CECP83771T-4	2,595	SD8	20.23	225	91	460	11.3	1	
10	1800	215TC	CECP83774T-4	2,531	SD8	20.23	231	91.7	460	12.2	1	
	1200	256TC	CECP82332T-4	4,268	SD8	25.28	362	91	460	14.1	1	
	3600	254TC	CECP82394T-4	3,549	SD8	25.28	308	91	460	17	1	
15	1800	254TC	CECP82333T-4	3,465	SD8	25.28	322	92.4	460	17.6	1	
	1200	284TC	CECP84100T-4	5,162	SD8	27.93	420	91.7	460	19.4	1	
	3600	256TC	CECP84106T-4	4,025	SD8	25.28	328	91.7	460	22	1	
20	1800	256TC	CECP82334T-4	3,666	SD8	25.28	356	93	460	23	1	
	1200	286TC	CECP84102T-4	6,756	SD8	27.93	460	91.7	460	26	1	
	3600	284TSC	CECP84107T-4	5,490	SD8	26.56	433	91.7	460	28	1	
25	1800	284TC	CECP84103T-4	5,145	SD8	27.93	430	93.6	460	30	1	
	1200	324TC	CECP84111T-4	7,609	SD8	30.66	660	93	460	32	1	
	3600	286TSC	CECP84108T-4	6,395	SD8	26.56	470	91.7	460	34	1	
30	1800	286TC	CECP84104T-4	5,892	SD8	27.93	465	93.6	460	36	1	
	1200	326TC	CECP84117T-4	9,622	SD8	30.66	640	93	460	38.6	1	
	3600	324TSC	CECP84109T-4	8,505	SD8	29.16	587	92.4	460	44	1	
40	1800	324TC	CECP84110T-4	7,637	SD8	30.66	600	94.1	460	46	1	
	1200	364TC	CECP84308T-4	11,641	SD8	33.49	908	94.1	460	49.4	1	

(a) See notes on inside back flap.

■ Cast iron frame

IEEE 841, three phase, TEFC, 460 volts and 575 volts, C-Face

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
C-Face, foot mounted, 460 volts (continued)											
50	3600	326TSC	CECP84114T-4	8,831	SD8	29.16	670	93	460	55	1
	1800	326TC	CECP84115T-4	8,790	SD8	30.66	683	94.5	460	57	1
	1200	365TC	CECP84312T-4	13,394	SD8	33.49	925	94.1	460	61.7	1
60	3600	364TSC	CECP84310T-4	12,259	SD8	31.37	899	95	460	65.1	1
	1800	364TC	CECP84314T-4	12,146	SD8	33.49	906	95	460	68	1
75	3600	365TSC	CECP84313T-4	13,734	SD8	31.37	1007	94.5	460	80.7	1
	1800	365TC	CECP84316T-4	13,656	SD8	33.49	1050	95.4	460	85.9	1
C-Face, foot mounted, 575 volts											
1	1800	143TC	CECP83581T-5	1,190	SD8	13.38	71	87.5	575	1.2	1
2	1800	145TC	CECP83587T-5	1,262	SD8	13.38	80	86.5	575	2.3	1
3	1800	182TC	CECP83661T-5	1,644	SD8	16.69	122	89.5	575	3.3	1
5	1800	184TC	CECP83665T-5	1,653	SD8	16.69	131	89.5	575	5.3	1
7 1/2	1800	213TC	CECP83770T-5	2,094	SD8	20.23	211	91.7	575	7.6	1
10	1800	215TC	CECP83774T-5	2,531	SD8	20.23	231	91.7	575	9.8	1
15	1800	254TC	CECP82333T-5	3,465	SD8	25.28	309	92.4	575	14.1	1
20	1800	256TC	CECP82334T-5	3,666	SD8	25.28	357	93	575	18.3	1
25	1800	284TC	CECP84103T-5	5,145	SD8	27.93	444	93.6	575	24	1
30	1800	286TC	CECP84104T-5	5,892	SD8	27.93	487	93.6	575	28	1
40	1800	324TC	CECP84110T-5	7,637	SD8	30.66	670	94.1	575	37	1
50	1800	326TC	CECP84115T-5	8,790	SD8	30.66	663	94.5	575	45	1
C-Face, footless, 460 volts											
1	3600	143TC	VENCP83580T-4	985	SD8	12.00	59	84	460	1.3	1, 60
	1800	143TC	VENCP83581T-4	1,063	SD8	12.00	63	87.5	460	1.5	1, 60
1 1/2	3600	143TC	VECP83583T-4	1,153	SD8	14.56	75	85.5	460	2	1
	1800	145TC	VECP83584T-4	1,199	SD8	14.56	76	88.5	460	2.1	1
2	3600	145TC	VECP83586T-4	1,264	SD8	14.56	83	85.5	460	2.5	1
	1800	145TC	VECP83587T-4	1,250	SD8	14.56	79	88.5	460	2.8	1
3	3600	182TC	VECP83660T-4	1,536	SD8	16.69	121	88.5	460	3.4	1
	1800	182TC	VECP83661T-4	1,628	SD8	16.69	117	89.5	460	4.1	1
5	3600	184TC	VECP83663T-4	1,871	SD8	16.69	132	88.5	460	5.7	1
	1800	184TC	VECP83665T-4	1,637	SD8	16.69	128	89.5	460	6.6	1
7 1/2	3600	213TC	VECP83769T-4	2,414	SD8	20.24	179	91.7	460	8.6	1
	1800	213TC	VECP83770T-4	2,062	SD8	20.24	211	91.7	460	9.5	1
10	3600	215TC	VECP83771T-4	2,563	SD8	20.24	225	91	460	11.3	1
	1800	215TC	VECP83774T-4	2,499	SD8	20.24	231	91.7	460	12.2	1
15	3600	254TC	VECP82394T-4	3,403	SD8	25.28	304	91	460	17	1
	1800	254TC	VECP82333T-4	3,318	SD8	25.28	324	92.4	460	17.6	1
20	3600	256TC	VECP84106T-4	3,879	SD8	25.28	319	91.7	460	22	1
	1800	256TC	VECP82334T-4	3,517	SD8	25.28	355	93	460	23	1

(a) See notes on inside back flap.

■ Cast iron frame

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

661XL / IEEE841, three phase, TEFC, 460 volts, foot mounted

5 thru 75 Hp

IP56**Features:**

- Exceeds the requirements of IEEE Std. 841-2009 with the exception of using Mobilith grease for exceptional roller bearing performance
- Roller bearing for belted applications, 40,000 hours L10 life per API 661
- Vertical lifting provisions for shaft up and shaft down mounting
- Patented PLS bearing lubrication system
- IP56 enclosure: dome shaft slinger, bronze labyrinth shaft seal, gasketed conduit box and cover
- Inverter ready nameplate
- Meets IEEE 45 on nameplate
- IEEE 841 test report ships with the motor

Applications:

- Belt driven heat exchangers

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
5	1800	184T	ECP63665T-4	1,570	SD6	15.93	128	89.5	460	6.6	1
7 1/2	1800	213T	ECP63770TR-4	2,248	SD6	19.49	195	91.7	460	9.5	1, 5
10	1800	215T	ECP63774TR-4	2,611	SD6	19.49	231	91.7	460	12.2	1, 5
15	1800	254T	ECP62333TR-4	3,372	SD6	24.88	324	92.4	460	17.6	1, 5
20	1800	256T	ECP62334TR-4	3,617	SD6	24.88	355	93	460	23	1, 5
25	1800	284T	ECP64103TR-4	4,676	SD6	28.01	461	93.6	460	30	1, 5
30	1800	286T	ECP64104TR-4	5,426	SD6	28.01	487	93.6	460	36	1, 5
40	1800	324T	ECP64110TR-4	7,198	SD6	30.76	600	94.1	460	46	1, 5
50	1800	326T	ECP64115TR-4	8,354	SD6	30.76	687	94.5	460	57	1, 5
60	1800	364T	ECP64314TR-4	11,280	SD6	33.48	936	95	460	68	1, 5
75	1800	365T	ECP64316TR-4	12,790	SD6	33.48	976	95.4	460	85.9	1, 5

(a) See notes on inside back flap.

 Cast iron frame

Dirty Duty Plus, three phase, TEFC

1/2 thru 10 Hp

IP56



Features:

- Cast iron endplates & conduit box
- 300 series stainless steel shaft extension
- 2 part epoxy paint system passed 2,000+ hours salt fog test per ASTM B 117
- Permanently lubricated, double sealed ball bearings
- IP56 enclosure includes: labyrinth shaft seals, gasketed conduit box and cover
- Inverter ready nameplate
- Meets IEEE 45 on nameplate

Applications:

- Chemical, oil & gas
- Pulp & paper, forest products
- Coastal marine

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot mounted												
1/2	1800	56	TEFC	DM3538	626	SDD	11.35	27	75.5	230/460	0.9	12, 15
3/4	1800	56	TEFC	DM3542	654	SDD	11.35	30	74	230/460	1.4	12, 15
1	1800	56	TEFC	EDM3546	976	SDD	12.85	35	85.5	230/460	1.5	1
C-Face, foot mounted												
1/2	3600	56C	TEFC	CDM3537	630	SDD	11.34	26	68	230/460	0.9	12, 15
	1800	56C	TEFC	CDM3538	655	SDD	11.34	29	74	230/460	0.9	12, 15
		56C	TENV	CNDM3538	655	SDD	11.05	34	80	230/460	0.8	12
3/4	1200	56C	TEFC	CDM3539	850	SDD	11.34	30	72	230/460	1.3	12, 15
	1800	56C	TEFC	CDM3542	681	SDD	11.34	33	75.5	230/460	1.4	12, 15
		56C	TENV	CNDM3542	681	SDD	11.05	37	78.5	230/460	1.4	12
1	1200	56C	TEFC	CDM3543	862	SDD	12.84	38	77	230/460	1.4	12, 15
	3600	56C	TEFC	CEDM3545	907	SDD	12.28	39	77	230/460	1.4	12
		56C	TEFC	CEDM3546	1,004	SDD	12.84	38	85.5	230/460	1.5	1
1	1800	56C	TENV	CNEDM3546	1,004	SDD	11.05	41	85.5	230/460	1.5	1
		143TC	TENV	CNEDM3546T	1,014	SDD	12.12	42	85.5	230/460	1.5	1
	1200	56C	TEFC	CEDM3556	1,122	SDD	12.28	45	82.5	230/460	1.8	1
1 1/2	3600	56C	TEFC	CEDM3550	992	SDD	13.28	42	84	230/460	1.9	1
	1800	56C	TEFC	CEDM3554	1,086	SDD	12.24	42	86.5	230/460	2.2	1
		145TC	TEFC	CEDM3554T	1,096	SDD	13.35	41	86.5	230/460	2.2	1
2	1800	145TC	TENV	CNEDM3554T	1,096	SDD	12.12	48	86.5	230/460	2.1	1
		3600	56C	TEFC	CEDM3555	1,061	SDD	13.28	38	85.5	230/460	2.5
	1800	56C	TEFC	CEDM3558	1,133	SDD	13.28	49	86.5	230/460	2.9	1
3	1800	145TC	TEFC	CEDM3558T	1,143	SDD	13.35	52	86.5	230/460	2.9	1
		3600	145TC	TEFC	CEDM3559T	1,137	SDD	14.23	59	86.5	230/460	3.6
	1800	182TC	TEFC	CEDM3611T	1,262	SDD	16.60	90	89.5	230/460	4.2	1
5	1200	213TC	TEFC	CEDM3704T	1,943	SDD	19.76	154	89.5	230/460	4.6	1
	3600	184TC	TEFC	CEDM3613T	1,350	SDD	16.60	97	88.5	230/460	5.9	1
	1800	184TC	TEFC	CEDM3615T	1,291	SDD	18.10	108	89.5	230/460	6.7	1
7 1/2	1200	215TC	TEFC	CEDM3708T	2,118	SDD	21.26	181	89.5	230/460	7.2	1
	3600	213TC	TEFC	CEDM3709T	2,059	SDD	18.63	138	89.5	230/460	9	1
	1800	213TC	TEFC	CEDM3710T	1,920	SDD	19.76	146	91.7	230/460	9.5	1
10	3600	215TC	TEFC	CEDM3711T	2,079	SDD	18.63	138	90.2	230/460	11.8	1
	1800	215TC	TEFC	CEDM3714T	2,091	SDD	21.26	185	91.7	230/460	12	1

(a) See notes on inside back flap.

Dirty Duty Plus, three phase, TEFC

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
C-Face, footless												
1/2	3600	56C	TEFC	VDM3537	624	SDD	11.35	25	68	230/460	0.9	12, 15
	1800	56C	TEFC	VDM3538	646	SDD	11.35	28	75.5	230/460	0.9	12, 15
		56C	TENV	VNDM3538	646	SDD	11.05	35	80	230/460	0.8	12
3/4	3600	56C	TEFC	VDM3541	660	SDD	11.35	27	72	230/460	1.2	12, 15
	1800	56C	TEFC	VDM3542	672	SDD	12.85	31	74	230/460	1.4	12, 15
		56C	TENV	VNDM3542	672	SDD	11.05	37	78.5	230/460	1.4	12
1	3600	56C	TEFC	VEDM3545	907	SDD	11.97	28	77	230/460	1.6	1
	1800	56C	TEFC	VEDM3546	1,004	SDD	12.28	37	85.5	230/460	1.5	1
		56C	TENV	VNEDM3546	1,004	SDD	12.05	41	85.5	230/460	1.5	1
			143TC	TENV	VNEDM3546T	1,014	SDD	11.13	41	85.5	230/460	1.5
1 1/2	3600	56C	TEFC	VEDM3550	992	SDD	12.28	44	84	230/460	1.9	1
	1800	56C	TEFC	VEDM3554	1,086	SDD	13.29	42	86.5	230/460	2.2	1
		56C	TENV	VNEDM3554	1,086	SDD	12.93	48	86.5	230/460	2.1	1
			145TC	TENV	VNEDM3554T	1,096	SDD	13.00	49	86.5	230/460	2.1
2	1800	56C	TEFC	VEDM3558	1,133	SDD	13.29	47	86.5	230/460	2.9	1
		145TC	TEFC	VEDM3558T	1,143	SDD	13.35	47	86.5	230/460	2.9	1
3	1800	182TC	TEFC	VEDM3611T	1,262	SDD	16.60	86	89.5	230/460	4.2	1
5	1800	184TC	TEFC	VEDM3615T	1,291	SDD	18.10	91	89.5	230/460	6.7	1, 8
7 1/2	1800	213TC	TEFC	VEDM3710T	1,920	SDD	19.76	131	91.7	230/460	9.5	1
10	1800	215TC	TEFC	VEDM3714T	2,091	SDD	21.26	147	91.7	230/460	12	1, 8

(a) See notes on inside back flap.

Quarry duty motors, three phase, TEFC, Design C, high torque 2 thru 10 Hp

IP55

**Features:**

- High torque NEMA Design C
- Steel band frame – cast endplates & conduit box, cast iron fan cover
- IP55 enclosure includes: gasketed conduit box and cover, shaft seal
- Inverter ready

Applications:

- Cement
- Aggregate
- Above ground mining
- Bulk material handling
- Belt conveyors and screens

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot mounted											
2	1800	145T	EM3558T-9	806	SDQ	13.29	45	86.5	230/460	2.9	1, 30
3	1800	182T	EM3611T-9	945	SDQ	18.04	83	89.5	230/460	4.3	1, 30
5	1800	184T	EM3615T-9	1,026	SDQ	18.04	95	89.5	230/460	7.1	1, 30, 35
7 1/2	1800	213T	EM3710T-9	1,387	SDQ	19.02	140	91.7	230/460	10.1	1, 30
10	1800	215T	EM3714T-9	1,614	SDQ	21.02	187	91.7	230/460	13.1	1, 30, 35

(a) See notes on inside back flap.

■ Cast iron frame

Crusher motors, three phase, TEFC, 460 volts and 575 volts, foot mounted

5 thru 600 Hp

IP55 **IP66**

Applications:

- Cement
- Aggregate
- Above ground mining
- Bulk material handling
- Crushers, belt conveyors and screens



Features:

- High torque NEMA Design A, exceeds NEMA Design C torques
- 1.25 SF up to 100 Hp, 1.15 SF over 100 Hp
- Oversized ball bearings up to 50 Hp, ball and roller bearing designs 60 Hp and up. 586/7/8 frames include oversized roller bearing on DE.
- 586/7/8 frames include oversized, insulated ODE bearing and oversized 4.375" shaft.
- IP55 for frame sizes up to L449. IP66 for 586/7/8 frames.
- Embossed raised letter, 304 stainless steel nameplates
- Inverter ready nameplate
- "TR" catalog numbers are standard roller bearing

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
460 volts											
5	1800	184T	ECR9054T	808	SDC	15.93	118	89.5	230/460	7.1	12
	1200	215T	ECR9056T	1,395	SDC	19.50	226	89.5	230/460	7.5	12
7 1/2	1800	213T	ECR9074T	1,139	SDC	19.50	231	91.7	230/460	9.3	12
	1200	254T	ECR9076T	2,160	SDC	24.78	320	91	230/460	10.3	12
10	1800	215T	ECR9104T	1,396	SDC	19.50	240	91.7	230/460	12.3	12
	1200	256T	ECR9106T	2,509	SDC	24.78	355	91	230/460	14	12
15	1800	254T	ECR9154T	1,933	SDC	24.78	286	92.4	230/460	18.6	12
	1200	284T	ECR9156T	3,443	SDC	27.93	500	91.7	230/460	19.4	12
20	1800	256T	ECR9204T	2,303	SDC	24.78	366	93	230/460	24	12
	1200	286T	ECR9206T	4,145	SDC	27.93	535	91.7	230/460	29	12
25	1800	284T	ECR9254T	2,870	SDC	27.93	380	93.6	230/460	31	12
	1200	324T	ECR9256T	4,956	SDC	30.66	630	93	230/460	34	12
30	1800	286T	ECR9304T	3,375	SDC	27.93	465	93.6	230/460	37	12
	1200	326T	ECR9306T	5,522	SDC	30.66	680	93	230/460	42	12
40	1800	324T	ECR9404T	4,371	SDC	30.66	645	94.1	230/460	49	12
	1200	364T	ECR9406TR	10,235	SDC	33.49	918	94.1	230/460	49	5,12
50	1800	326T	ECR9504T	5,335	SDC	30.66	700	94.5	230/460	61	12
	1200	365T	ECR9506TR	11,988	SDC	33.49	930	94.1	230/460	62	5,12
	900	404T	ECR9508TR	11,302	SDC	38.20	1322	92.4	230/460	79.4	5,12
60	1800	364T	ECR9604T	10,115	SDC	33.49	977	95	230/460	70	12
	1200	364T	ECR9604TR	10,740	SDC	33.49	977	95	230/460	70	5,12
	900	405T	ECR9608TR	12,780	SDC	38.20	1420	92.4	230/460	93.2	5,12
75	1800	365T	ECR9754T	11,625	SDC	33.49	962	95.4	230/460	87.5	12
	1200	365T	ECR9754TR	12,250	SDC	33.49	962	95.4	230/460	87.5	5,12
	1200	405T	ECR9756TR-4	12,615	SDC	38.20	1422	94.5	460	91	5,12
	900	444T	ECR9758TR-4	15,648	SDC	44.87	1874	93.6	460	98.8	5,12
100	1800	405T	ECR91004T-4	12,229	SDC	38.20	1390	95.4	460	115	12
	1200	405T	ECR91004TR-4	12,229	SDC	38.20	1390	95.4	460	115	5,12
	1200	444T	ECR91006TR-4	16,353	SDC	44.75	2029	95	460	119	5,12
	900	445T	ECR91008TR-4	17,450	SDC	44.75	2129	93.6	460	133	5,12
125	1800	444T	ECR91254T-4	15,444	SDC	44.75	1964	95.4	460	149	1
	1200	444T	ECR91254TR-4	15,444	SDC	44.75	1964	95.4	460	149	1, 5
	1200	445T	ECR91256TR-4	18,794	SDC	44.75	1874	95.4	460	153	1, 5
	900	447T	ECR91258TR-4	22,580	SDC	48.24	2380	94.1	460	171	1, 5
150	1800	445T	ECR91504T-4	18,224	SDC	44.75	1996	95.8	460	168	1
	1200	445T	ECR91504TR-4	18,224	SDC	44.75	1996	95.8	460	168	1, 5
	1200	447T	ECR91506TR-4	21,592	SDC	48.24	2459	95.8	460	180	1, 5
	900	449T	ECR91508TR-4	25,938	SDC	53.47	2648	94.5	460	203	1, 5

(a) See notes on inside back flap.

Cast iron frame

Optional oversized conduit boxes are available for 586-8 frames. See Motor Accessories section.

Crusher motors, three phase, TEFC, 460 volts and 575 volts, foot mounted

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
460 volts (continued)											
200	1800	447T	ECR92004T-4	22,072	SDC	48.24	2455	96.2	460	225	1
		447T	ECR92004TR-4	22,072	SDC	48.24	2455	96.2	460	225	1, 5
	1200	449T	ECR92006TR-4	26,293	SDC	53.24	3125	95.8	460	277	1, 5
		900	L449T	ECR92008TR-4	32,634	SDC	60.22	3430	94.5	460	277
250	1800	449T	ECR92504T-4	22,387	SDC	53.24	2694	96.2	460	278	
		449T	ECR92504TR-4	22,387	SDC	53.24	2694	96.2	460	278	
	1200	449T	ECR92506TR-4	30,113	SDC	53.24	3225	95.8	460	283	
		586/7TZ	ECR582506-PPN	39,263	ICR	65.72	4806	95.8	460	295	1, 5
	900	L449T	ECR92508TR-4	41,194	SDC	60.22	3390	95	460	359	
		586/7T	ECR582508-PP	50,138	ICR	65.72	4806	95	460	312	1, 5
300	1800	449T	ECR93004T-4	31,370	SDC	53.24	2888	96.2	460	336	
		449T	ECR93004TR-4	31,370	SDC	53.24	2888	96.2	460	336	
	1200	586/7TZ	ECR583004-PPN	36,251	ICR	65.72	4718	96.2	460	343	1, 5
		L449T	ECR93006TR-4	39,347	SDC	61.59	3683	95.8	460	381	
	900	586/7TZ	ECR583006-PPN	46,070	ICR	65.72	4806	95.8	460	352	1, 5
		586/7T	ECR583008-PP	54,394	ICR	65.72	4806	95	460	379	1, 5
350	1800	449T	ECR93504T-4	34,740	SDC	61.59	3027	96.2	460	390	
		449T	ECR93504TR-4	34,740	SDC	61.59	3027	96.2	460	390	
	1200	586/7TZ	ECR583504-PPN	40,139	ICR	65.72	4718	96.2	460	396	1, 5
		L449T	ECR93506TR-4	43,718	SDC	61.59	3683	95.8	460	433	
	900	586/7TZ	ECR583506-PPN	49,912	ICR	65.72	4806	95.8	460	407	1, 5
		586/7T	ECR583508-PP	59,961	ICR	65.72	4806	95.2	460	436	1, 5
400	1800	L449T	ECR94004T-4	40,396	SDC	53.24	3875	96.2	460	442	
		L449T	ECR94004TR-4	40,396	SDC	60.22	3875	96.2	460	442	
	1200	586/7TZ	ECR584004-PPN	44,105	ICR	65.72	4718	96.2	460	452	1, 5
		586/7TZ	ECR584006-PPN	54,961	ICR	65.72	4806	95	460	465	1, 5
450	1800	586/7TZ	ECR584504-PPN	50,302	ICR	65.72	4718	96.2	460	519	1, 5
		586/7TZ	ECR584506-PPN	60,161	ICR	65.72	4806	95	460	530	1, 5
	900	587/8T	ECR584508-PP	68,892	ICR	75.56	5760	95	460	559	1, 5
		586/7TZ	ECR585004-PPN	51,497	ICR	65.72	4718	96.2	460	576	1, 5
500	1200	586/7TZ	ECR585006-PPN	62,461	ICR	65.72	4806	95.8	460	603	1, 5
		586/7TZ	ECR586004-PPN	58,797	ICR	65.72	4718	96.2	460	679	1, 5
575 volts											
250	1200	586/7TZ	ECR582506-5PPN	39,263	ICR	65.72	4806	96.2	575	237	1, 5
300	1200	586/7TZ	ECR583004-5PPN	36,251	ICR	65.72	4718	96.2	575	270	1, 5
		586/7TZ	ECR583006-5PPN	46,070	ICR	65.72	4806	95.8	575	279	1, 5
350	1200	586/7TZ	ECR583504-5PPN	40,139	ICR	65.72	4718	96.2	575	309	1, 5
		586/7TZ	ECR583506-5PPN	49,912	ICR	65.72	4806	95.8	575	323	1, 5
400	1200	586/7TZ	ECR584004-5PPN	44,105	ICR	65.72	4718	96.2	575	362	1, 5
		586/7TZ	ECR584006-5PPN	54,961	ICR	65.72	4806	95	575	368	1, 5
450	1200	586/7TZ	ECR584504-5PPN	50,302	ICR	65.72	4718	96.2	575	397	1, 5
		586/7TZ	ECR584506-5PPN	60,161	ICR	65.72	4806	95	575	416	1, 5
500	1200	586/7TZ	ECR585004-5PPN	51,497	ICR	65.72	4718	96.2	575	455	1, 5
		586/7TZ	ECR585006-5PPN	62,461	ICR	65.72	4806	95.8	575	471	1, 5
600	1800	586/7TZ	ECR586004-5PPN	58,797	ICR	65.72	4718	96.2	575	541	1, 5

(a) See notes on inside back flap.

■ Cast iron frame

Optional oversized conduit boxes are available for 586-8 frames. See Motor Accessories section.

Red catalog number indicates **NEW** product

NEW!**Crusher motors, three phase, TEFC, C-Face, 460 volt, foot mounted**

15 thru 75 Hp

IP55**Features:**

- High torque NEMA Design A, exceeds NEMA Design C torques
- 1.25 SF up to 100 Hp, 1.15 SF over 100 Hp
- IP55 ingress protection
- Oversized ball bearings up to 50 Hp
- Embossed raised letter, 304 stainless steel nameplates
- Inverter ready nameplate

Applications:

- Cement
- Aggregate
- Above ground mining
- Bulk material handling
- Crushers, belt conveyors and screens

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
C-Face											
15	1800	254TC	CECR9154T	2,516	SDC	25.28	286	92.4	230/460	18.6	12
20	1800	256TC	CECR9204T	2,886	SDC	25.28	325	93	230/460	24	12
25	1800	284TC	CECR9254T	3,644	SDC	27.93	465	93.6	230/460	31	12
30	1800	286TC	CECR9304T	4,149	SDC	27.93	465	93.6	230/460	37	12
40	1800	324TC	CECR9404T	5,264	SDC	30.16	650	94.1	230/460	49	12
50	1800	326TC	CECR9504T	6,228	SDC	30.16	700	94.5	230/460	61	12
60	1800	364TC	CECR9604T	8,475	SDC	33.48	977	95	230/460	70	12
75	1800	365TC	CECR9754T	10,078	SDC	33.48	982	95.4	230/460	87.5	12

(a) See notes on inside back flap.

Cast iron frame

Red catalog number indicates **NEW** product**Crusher duty conversion base****Applications:**

Designed to meet the needs of the aggregate & mining industry where the installed base of motors includes similar rating in both 449T and 586/587 frames. This conversion base kit will allow a customer to mount any Baldor-Reliance® NEMA 449T frame into an existing NEMA 586/587 application.

Features:

- Left and right hand pieces marked for easy identification
- Compensates for height, position & mounting hole locations

Conversion base kit CB5744T with ECR93504TR-4

Catalog Number	Converts From	Converts To.	List Price	Disc. Sym.	Aprx. Wt. (lb)	Height (in.)	Width (in.)	Length (in.)
CB5744T	449T	586T/576	2,458	SDA	465	3.5	6.5	35.75
CB5049T	449T	505US	1,054	SDA	328	1.5	4.5	28.00
CB50549T	449T	504U/505U	1,221	SDA	328	1.5	4.5	28.00

For a complete listing of available conversion bases, please see the Motor Accessories section.

Division 2 capabilities

The following list of Severe duty motors are marked for Division 2, Class I, Group A,B,C,D for Sine Wave and Inverter Power. They also include Equivalent Zone markings for Class I, Zone 2, Groups IIA, IIB, IIC for Sine Wave and Inverter Power.

Division 2 Temp Codes are provided in the standard format per the NEC Article 500 requirements. Equivalent Zone Temp Codes are provided in the "T=°C" format because NEC Article 505 does not allow all T Codes permitted by NEC 500. Inverter Temp Codes are provided in the "T=°C" format because they apply to both the Equivalent Zone (NEC 505) requirements and NEC 500 requirements. Please reference the following table for Temperature and Temp Code values.

Maximum Surface Temperature	US (NEC 500) CA (CEC Annex J)	US (NEC 505) CA (CEC Section 18)
450° C	T1	T1
300° C	T2	T2
280° C	T2A	-
260° C	T2B	-
230° C	T2C	-
215° C	T2D	-
200° C	T3	T3

Maximum Surface Temperature	US (NEC 500) CA (CEC Annex J)	US (NEC 505) CA (CEC Section 18)
180° C	T3A	-
165° C	T3B	-
160° C	T3C	-
135° C	T4	T4
120° C	T4A	-
100° C	T5	T5
85° C	T6	T6

Catalog Number	Sine Wave, 1.15 S.F.			Inverter Power, 1.0 S.F.		
	Sine Wave Temp Code	Equivalent Zone Temp Code T = °C	Inverter Temp Code T = °C	V.T. Speed Range (Hz)*	C.T. Speed Range (Hz)*	CHP Speed Range (Hz)
CECP2276T	T3C	160°C	180°C	0-60	0-60	60-90
CECP2294T	T3C	160°C	180°C	3-60	6-60	60-90
CECP2332T	T3C	160°C	180°C	0-60	0-60	60-90
CECP2333T	T3C	160°C	180°C	0-60	0-60	60-90
CECP2333T-4	T3C	160°C	180°C	0-60	0-60	60-90
CECP2334T	T3C	160°C	180°C	0-60	0-60	60-90
CECP2334T-4	T3C	160°C	180°C	0-60	0-60	60-90
CECP3581T	T4	135°C	135°C	0-60	0-60	60-90
CECP3582T	T4	135°C	135°C	0-60	0-60	60-90
CECP3584T	T4	135°C	135°C	0-60	0-60	60-90
CECP3587T	T4	135°C	135°C	0-60	0-60	60-90
CECP3660T	T3C	160°C	160°C	3-60	6-60	60-90
CECP3661T	T3C	160°C	160°C	0-60	0-60	60-90
CECP3663T	T3C	160°C	160°C	3-60	6-60	60-90
CECP3664T	T3C	160°C	160°C	0-60	0-60	60-90
CECP3665T	T3C	160°C	160°C	0-60	0-60	60-90
CECP3667T	T3C	160°C	160°C	0-60	0-60	60-90
CECP3764T	T3C	160°C	160°C	0-60	0-60	60-90
CECP3768T	T3C	160°C	160°C	0-60	0-60	60-90
CECP3769T	T3C	160°C	160°C	3-60	6-60	60-90
CECP3770T	T3C	160°C	160°C	0-60	0-60	60-90
CECP3771T	T3C	160°C	160°C	3-60	6-60	60-90
CECP3774T	T3A	180°C	160°C	0-60	0-60	60-90
CECP4100T	T3C	160°C	180°C	0-60	0-60	60-90
CECP4102T	T3C	160°C	180°C	0-60	0-60	60-90
CECP4103T	T3C	160°C	180°C	0-60	0-60	60-90
CECP4103T-4	T3C	160°C	180°C	0-60	0-60	60-90
CECP4104T	T3C	160°C	180°C	0-60	0-60	60-90
CECP4104T-4	T3C	160°C	180°C	0-60	0-60	60-90
CECP4106T	T3	200°C	200°C	0-60	6-60	60-90
CECP4107T	T3	200°C	200°C	3-60	6-60	60-90
CECP4108T	T3	200°C	200°C	3-60	6-60	60-90
CECP4109T	T3	200°C	200°C	3-60	6-60	60-90
CECP4110T	T3	200°C	200°C	0-60	0-60	60-90
CECP4111T	T3	200°C	200°C	0-60	0-60	60-90
CECP4114T	T3	200°C	200°C	3-60	6-60	60-90
CECP4115T	T3	200°C	200°C	0-60	0-60	60-90
CECP4117T	T3	200°C	200°C	0-60	0-60	60-90
CECP4308T	T3A	180°C	180°C	0-60	6-60	60-90

Catalog Number	Sine Wave, 1.15 S.F.			Inverter Power, 1.0 S.F.		
	Sine Wave Temp Code	Equivalent Zone Temp Code T = °C	Inverter Temp Code T = °C	V.T. Speed Range (Hz)*	C.T. Speed Range (Hz)*	CHP Speed Range (Hz)
CECP4310T	T3	200°C	200°C	0-60	6-60	60-75
CECP4312T	T3A	180°C	180°C	0-60	6-60	60-90
CECP4313T	T3	200°C	200°C	0-60	10-60	60-75
CECP4314T	T3	200°C	200°C	0-60	10-60	60-90
CECP4314T-4	T3	200°C	200°C	0-60	10-60	60-90
CECP4314T-5	T3	200°C	200°C	0-60	10-60	60-90
CECP4316T	T3	200°C	200°C	0-60	15-60	60-90
CECP4400T-4	T2D	215°C	215°C	0-60	10-60	60-90
CECP4402T-4	T3	200°C	200°C	0-60	6-60	60-75
CECP4406T-4	T3	200°C	200°C	0-60	15-60	60-90
CECP4407T-4	T3	200°C	200°C	0-60	30-60	60-90
CECP82276T-4	T3C	160°C	180°C	0-60	0-60	60-90
CECP82332T-4	T3C	160°C	180°C	0-60	0-60	60-90
CECP82333T-4	T3C	160°C	180°C	0-60	0-60	60-90
CECP82333T-5	T3C	160°C	180°C	0-60	0-60	60-90
CECP82334T-4	T3C	160°C	180°C	0-60	0-60	60-90
CECP82334T-5	T3C	160°C	180°C	0-60	0-60	60-90
CECP82394T-4	T3C	160°C	180°C	3-60	6-60	60-90
CECP83580T-4	T4	135°C	135°C	3-60	6-60	60-90
CECP83581T-4	T4	135°C	135°C	0-60	0-60	60-90
CECP83581T-5	T4	135°C	135°C	0-60	0-60	60-90
CECP83582T-4	T4	135°C	135°C	0-60	0-60	60-90
CECP83583T-4	T4	135°C	135°C	3-60	6-60	60-90
CECP83584T-4	T4	135°C	135°C	0-60	0-60	60-90
CECP83586T-4	T4	135°C	135°C	3-60	6-60	60-90
CECP83587T-4	T4	135°C	135°C	0-60	0-60	60-90
CECP83587T-5	T4	135°C	135°C	0-60	0-60	60-90
CECP83660T-4	T3C	160°C	160°C	3-60	6-60	60-90
CECP83661T-4	T3C	160°C	160°C	0-60	0-60	60-90
CECP83661T-5	T3C	160°C	160°C	0-60	0-60	60-90
CECP83663T-4	T3C	160°C	160°C	3-60	6-60	60-90
CECP83664T-4	T3C	160°C	160°C	0-60	0-60	60-90
CECP83665T-4	T3C	160°C	160°C	0-60	0-60	60-90
CECP83665T-5	T3C	160°C	160°C	0-60	0-60	60-90
CECP83667T-4	T3C	160°C	160°C	0-60	0-60	60-90
CECP83764T-4	T3C	160°C	160°C	0-60	0-60	60-90
CECP83768T-4	T3C	160°C	160°C	0-60	0-60	60-90
CECP83769T-4	T3C	160°C	160°C	3-60	6-60	60-90
CECP83770T-4	T3C	160°C	160°C	0-60	0-60	60-90

* 0 Hz = motor slip Hz

Division 2 capabilities (continued)

Catalog Number	Sine Wave, 1.15 S.F.			Inverter Power, 1.0 S.F.		
	Sine Wave Temp Code	Equivalent Zone Temp Code T = °C	Inverter Temp Code T = °C	V.T. Speed Range (Hz)*	C.T. Speed Range (Hz)*	CHP Speed Range (Hz)
CECP83770T-5	T3C	160°C	160°C	0-60	0-60	60-90
CECP83771T-4	T3C	160°C	160°C	3-60	6-60	60-90
CECP83774T-4	T3C	160°C	160°C	0-60	0-60	60-90
CECP83774T-5	T3C	160°C	160°C	0-60	0-60	60-90
CECP84100T-4	T3C	160°C	180°C	0-60	0-60	60-90
CECP84102T-4	T3C	160°C	180°C	0-60	0-60	60-90
CECP84103T-4	T3C	160°C	180°C	0-60	0-60	60-90
CECP84103T-5	T3C	160°C	180°C	0-60	0-60	60-90
CECP84104T-4	T3C	160°C	180°C	0-60	0-60	60-90
CECP84104T-5	T3C	160°C	180°C	0-60	0-60	60-90
CECP84106T-4	T3	200°C	200°C	3-60	6-60	60-90
CECP84107T-4	T3	200°C	200°C	3-60	6-60	60-90
CECP84108T-4	T3	200°C	200°C	3-60	6-60	60-90
CECP84109T-4	T3	200°C	200°C	3-60	6-60	60-90
CECP84110T-4	T3	200°C	200°C	0-60	0-60	60-90
CECP84110T-5	T3	200°C	200°C	0-60	0-60	60-90
CECP84111T-4	T3	200°C	200°C	0-60	0-60	60-90
CECP84114T-4	T3	200°C	200°C	3-60	6-60	60-90
CECP84115T-4	T3	200°C	200°C	0-60	0-60	60-90
CECP84115T-5	T3	200°C	200°C	0-60	0-60	60-90
CECP84117T-4	T3	200°C	200°C	0-60	0-60	60-90
CECP84308T-4	T3A	180°C	180°C	0-60	6-60	60-90
CECP84310T-4	T3	200°C	200°C	0-60	6-60	60-75
CECP84312T-4	T3A	180°C	180°C	0-60	6-60	60-90
CECP84313T-4	T3	200°C	200°C	0-60	15-60	60-75
CECP84314T-4	T3	200°C	200°C	0-60	10-60	60-90
CECP84316T-4	T3	200°C	200°C	0-60	15-60	60-90
CENCP83580T-4	T3C	160°C	160°C	3-60	6-60	60-90
CENCP83581T-4	T4	135°C	135°C	0-60	0-60	60-90
ECP2276T	T3C	160°C	180°C	0-60	0-60	60-90
ECP2276T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP2276T-5	T3C	160°C	180°C	0-60	0-60	60-90
ECP2280T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP2294T	T3C	160°C	180°C	3-60	6-60	60-90
ECP2332T	T3C	160°C	180°C	0-60	0-60	60-90
ECP2332T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP2332T-5	T3C	160°C	180°C	0-60	0-60	60-90
ECP2333T	T3C	160°C	180°C	0-60	0-60	60-90
ECP2333T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP2333T-5	T3C	160°C	180°C	0-60	0-60	60-90
ECP2334T	T3C	160°C	180°C	0-60	0-60	60-90
ECP2334T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP2334T-5	T3C	160°C	180°C	0-60	0-60	60-90
ECP2394T-4	T3C	160°C	180°C	3-60	6-60	60-90
ECP2394T-5	T3C	160°C	180°C	3-60	6-60	60-90
ECP2395T-4	T3	200°C	200°C	3-60	0-60	60-90
ECP2401T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP2402T-4	T3	200°C	200°C	3-60	0-60	60-90
ECP3580T	T4	135°C	135°C	3-60	6-60	60-90
ECP3580T-4	T4	135°C	135°C	3-60	6-60	60-90
ECP3580T-5	T4	135°C	135°C	3-60	6-60	60-90
ECP3581T	T4	135°C	135°C	0-60	0-60	60-90
ECP3581T-4	T4	135°C	135°C	0-60	0-60	60-90
ECP3581T-5	T4	135°C	135°C	0-60	0-60	60-90
ECP3582T	T4	135°C	135°C	0-60	0-60	60-90
ECP3582T-4	T4	135°C	135°C	0-60	0-60	60-90
ECP3583T	T4	135°C	135°C	3-60	6-60	60-90
ECP3583T-4	T4	135°C	135°C	3-60	6-60	60-90

* 0 Hz = motor slip Hz

Catalog Number	Sine Wave, 1.15 S.F.			Inverter Power, 1.0 S.F.		
	Sine Wave Temp Code	Equivalent Zone Temp Code T = °C	Inverter Temp Code T = °C	V.T. Speed Range (Hz)*	C.T. Speed Range (Hz)*	CHP Speed Range (Hz)
ECP3584T	T4	135°C	135°C	0-60	0-60	60-90
ECP3584T-4	T4	135°C	135°C	0-60	0-60	60-90
ECP3584T-5	T4	135°C	135°C	0-60	0-60	60-90
ECP3586T	T4	135°C	135°C	3-60	6-60	60-90
ECP3586T-4	T4	135°C	135°C	3-60	3-60	60-90
ECP3587T	T4	135°C	135°C	0-60	0-60	60-90
ECP3587T-4	T4	135°C	135°C	0-60	0-60	60-90
ECP3587T-5	T4	135°C	135°C	0-60	0-60	60-90
ECP3660T	T3C	160°C	160°C	3-60	6-60	60-90
ECP3660T-4	T3C	160°C	160°C	3-60	6-60	60-90
ECP3660T-5	T3C	160°C	160°C	3-60	6-60	60-90
ECP3661T	T3C	160°C	160°C	0-60	0-60	60-90
ECP3661T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP3661T-5	T3C	160°C	160°C	0-60	0-60	60-90
ECP3663T	T3C	160°C	160°C	3-60	6-60	60-90
ECP3663T-4	T3C	160°C	160°C	3-60	6-60	60-90
ECP3663T-5	T3C	160°C	160°C	3-60	6-60	60-90
ECP3664T	T3C	160°C	160°C	0-60	0-60	60-90
ECP3664T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP3665T	T3C	160°C	160°C	0-60	0-60	60-90
ECP3665T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP3665T-5	T3C	160°C	160°C	0-60	0-60	60-90
ECP3667T	T3C	160°C	160°C	0-60	0-60	60-90
ECP3667T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP3668T-4	T3C	160°C	160°C	0-60	3-60	60-90
ECP3687T-4	T3C	160°C	160°C	0-60	3-60	60-90
ECP3764T	T3C	160°C	160°C	0-60	0-60	60-90
ECP3764T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP3764T-5	T3C	160°C	160°C	0-60	0-60	60-90
ECP3768T	T3C	160°C	160°C	0-60	0-60	60-90
ECP3768T-4	T3C	160°C	160°C	0-90	0-60	60-90
ECP3768T-5	T3C	160°C	160°C	0-60	0-60	60-90
ECP3769T	T3C	160°C	160°C	3-60	6-60	60-90
ECP3769T-4	T3C	160°C	160°C	3-60	6-60	60-90
ECP3769T-5	T3C	160°C	160°C	3-60	6-60	60-90
ECP3770T	T3C	160°C	160°C	0-60	0-60	60-90
ECP3770T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP3770T-5	T3C	160°C	160°C	0-60	0-60	60-90
ECP3771T	T3C	160°C	160°C	3-60	6-60	60-90
ECP3771T-4	T3C	160°C	160°C	3-60	6-60	60-90
ECP3771T-5	T3C	160°C	160°C	3-60	6-60	60-90
ECP3772T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP3774T	T3C	160°C	160°C	0-60	0-60	60-90
ECP3774T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP3774T-5	T3C	160°C	160°C	0-60	0-60	60-90
ECP3775T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP4100T	T3C	160°C	180°C	0-60	0-60	60-90
ECP4100T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP4100T-5	T3C	160°C	180°C	0-60	0-60	60-90
ECP4102T	T3C	160°C	180°C	0-60	0-60	60-90
ECP4102T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP4102T-5	T3C	160°C	180°C	0-60	0-60	60-90
ECP4103T	T3C	160°C	180°C	0-60	0-60	60-90
ECP4103T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP4103T-5	T3C	160°C	180°C	0-60	0-60	60-90
ECP4104T	T3C	160°C	180°C	0-60	0-60	60-90
ECP4104T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP4104T-5	T3C	160°C	180°C	0-60	0-60	60-90

Division 2 capabilities (continued)

Catalog Number	Sine Wave, 1.15 S.F.			Inverter Power, 1.0 S.F.		
	Sine Wave Temp Code	Equivalent Zone Temp Code T = °C	Inverter Temp Code T = °C	V.T. Speed Range (Hz)*	C.T. Speed Range (Hz)*	CHP Speed Range (Hz)
ECP4106T	T3	200°C	200°C	3-60	6-60	60-90
ECP4106T-4	T3	200°C	200°C	3-60	6-60	60-90
ECP4106T-5	T3	200°C	200°C	3-60	6-60	60-90
ECP4107T	T3	200°C	200°C	3-60	6-60	60-90
ECP4107T-4	T3	200°C	200°C	3-60	6-60	60-90
ECP4108T	T3	200°C	200°C	3-60	6-60	60-90
ECP4108T-4	T3	200°C	200°C	3-60	6-60	60-90
ECP4109T	T3	200°C	200°C	3-60	6-60	60-90
ECP4109T-4	T3	200°C	200°C	3-60	6-60	60-90
ECP4110T	T3	200°C	200°C	0-60	0-60	60-90
ECP4110T-4	T3	200°C	200°C	0-60	0-60	60-90
ECP4110T-5	T3	200°C	200°C	0-60	0-60	60-90
ECP4111T	T3	200°C	200°C	0-60	0-60	60-90
ECP4111T-4	T3	200°C	200°C	0-60	0-60	60-90
ECP4111T-5	T3	200°C	200°C	0-60	0-60	60-90
ECP4112T-4	T3	200°C	200°C	3-60	6-60	60-90
ECP4113T-4	T3	200°C	200°C	0-60	6-60	60-90
ECP4114T	T3	200°C	200°C	3-60	6-60	60-90
ECP4114T-4	T3	200°C	200°C	3-60	6-60	60-90
ECP4115T	T3	200°C	200°C	0-60	0-60	60-90
ECP4115T-4	T3	200°C	200°C	0-60	0-60	60-90
ECP4115T-5	T3	200°C	200°C	0-60	0-60	60-90
ECP4117T	T3	200°C	200°C	0-60	0-60	60-90
ECP4117T-4	T3	200°C	200°C	0-60	0-60	60-90
ECP4117T-5	T3	200°C	200°C	0-60	1-60	60-90
ECP4124T-4	T3	200°C	200°C	3-60	6-60	60-90
ECP4308T	T3A	180°C	180°C	0-60	6-60	60-90
ECP4308T-4	T3A	180°C	180°C	0-60	6-60	60-90
ECP4308T-5	T3A	180°C	180°C	0-60	6-60	60-90
ECP4310T	T3	200°C	200°C	0-60	6-60	60-75
ECP4310T-4	T3	200°C	200°C	0-60	6-60	60-75
ECP4312T	T3A	180°C	180°C	0-60	6-60	60-90
ECP4312T-4	T3A	180°C	180°C	0-60	6-60	60-90
ECP4313T	T3	200°C	200°C	0-60	10-60	60-75
ECP4313T-4	T3	200°C	200°C	0-60	10-60	60-75
ECP4313T-5	T3	200°C	200°C	0-60	10-60	60-75
ECP4314T	T3	200°C	200°C	0-60	10-60	60-90
ECP4314T-4	T3	200°C	200°C	0-60	10-60	60-90
ECP4314T-5	T3	200°C	200°C	0-60	10-60	60-90
ECP4315T-4	T3C	160°C	180°C	0-60	6-60	60-90
ECP4316T	T3	200°C	200°C	0-60	30-60	60-90
ECP4316T-4	T3	200°C	200°C	0-60	30-60	60-90
ECP4316T-5	T3	200°C	200°C	0-60	30-60	60-90
ECP4316TR-4	T3	200°C	200°C	0-60	30-60	60-90
ECP4400T-4	T2D	215°C	215°C	0-60	10-60	60-90
ECP4400T-5	T2D	215°C	215°C	0-60	10-60	60-90
ECP4400TR-4	T2D	215°C	215°C	0-60	10-60	60-90
ECP4400TS-4	T2D	215°C	215°C	0-60	10-60	60-90
ECP4402T	T3	200°C	200°C	0-60	6-60	60-75
ECP4402T-4	T3	200°C	200°C	0-60	6-60	60-75
ECP4403T	T3A	180°C	180°C	0-60	6-60	60-90
ECP4403T-4	T3A	180°C	180°C	0-60	6-60	60-90
ECP4403TR-4	T3	200°C	200°C	0-60	10-60	60-90
ECP4404T	T3	200°C	200°C	0-60	10-60	60-90
ECP4404T-4	T3	200°C	200°C	0-60	10-60	60-90
ECP4404T-5	T3	200°C	200°C	0-60	10-60	60-90
ECP4404TR-4	T3	200°C	200°C	0-60	10-60	60-90
ECP4406T-4	T3	200°C	200°C	0-60	15-60	60-90

Catalog Number	Sine Wave, 1.15 S.F.			Inverter Power, 1.0 S.F.		
	Sine Wave Temp Code	Equivalent Zone Temp Code T = °C	Inverter Temp Code T = °C	V.T. Speed Range (Hz)*	C.T. Speed Range (Hz)*	CHP Speed Range (Hz)
ECP4406T-5	T3	200°C	200°C	0-60	15-60	60-90
ECP4406TR-4	T3	200°C	200°C	0-60	15-60	60-90
ECP4407T-4	T3	200°C	200°C	0-60	30-60	60-90
ECP4407T-5	T3	200°C	200°C	0-60	30-60	60-90
ECP4407TR-4	T3	200°C	200°C	0-60	30-60	60-90
ECP4407TS-4	T3	200°C	200°C	0-60	30-60	60-90
ECP4408T-4	T3	200°C	200°C	0-60	30-60	60-90
ECP4408TR-4	T3	200°C	200°C	0-60	30-60	60-90
ECP4409T-4	T3	200°C	200°C	0-60	15-60	60-90
ECP4409TR-4	T3	200°C	200°C	0-60	15-60	60-90
ECP4410T-4	T3	200°C	200°C	0-60	10-60	60-90
ECP4410T-5	T3	200°C	200°C	0-60	10-60	60-90
ECP4410TR-4	T3	200°C	200°C	0-60	10-60	60-90
ECP4411T-4	T3	200°C	200°C	0-60	15-60	60-90
ECP4411T-5	T3	200°C	200°C	0-60	15-60	60-90
ECP4411TR-4	T3	200°C	200°C	0-60	15-60	60-90
ECP4412T	T3	200°C	200°C	0-60	15-60	60-75
ECP4412T-4	T3	200°C	200°C	0-60	15-60	60-75
ECP4413T-4	T3	200°C	200°C	0-60	10-60	60-75
ECP44156T-4	T3	200°C	200°C	0-60	15-60	60-90
ECP44156TR-4	T3	200°C	200°C	0-60	15-60	60-90
ECP4416T-4	T3	200°C	200°C	0-60	30-60	60-75
ECP4417T-4	T3C	160°C	200°C	3-60	6-60	60-90
ECP4418T-4	T3A	180°C	180°C	0-60	6-60	60-90
ECP4419T-4	T3	200°C	200°C	0-60	10-60	60-90
ECP44206T-4	T3	200°C	200°C	0-60	30-60	60-90
ECP44206TR-4	T3	200°C	200°C	0-60	30-60	60-90
ECP4420T-4	T3	200°C	200°C	0-60	15-60	60-90
ECP4421T-4	T3	200°C	200°C	0-60	30-60	60-90
ECP4422T-4	T3	200°C	200°C	0-60	15-60	60-90
ECP4423T-4	T2C	230°C	230°C	0-60	30-60	60-90
ECP44252T-4	T2C	230°C	230°C	0-60	30-60	60-75
ECP44256T-4	T2C	230°C	230°C	0-60	30-60	60-90
ECP44256TR-4	T2C	230°C	230°C	0-60	30-60	60-90
ECP44302T-4	T2C	230°C	230°C	0-60	30-60	60-75
ECP44304T-4	T2C	230°C	230°C	0-60	30-60	60-90
ECP44304TR-4	T2C	230°C	230°C	0-60	30-60	60-90
ECP44352T-4	T2C	230°C	230°C	0-60	30-60	60-75
ECP44402T-4	T2C	230°C	230°C	0-60	30-60	60-75
ECP49306T-4	T2C	230°C	230°C	0-60	30-60	60-90
ECP49308T-4	T2A	280°C	280°C	6-60	30-60	60-75
ECP49258T-4	T2C	230°C	260°C	6-60	30-60	60-90
ECP49354T-4	T2C	230°C	230°C	0-60	30-60	60-90
ECP49404T-4	T2C	230°C	230°C	0-60	30-60	60-90
ECP62333TR-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP62334TR-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP63665T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP63770TR-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP63774TR-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP64103TR-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP64104TR-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP64110TR-4	T3	200°C	200°C	0-60	0-60	60-90
ECP64115TR-4	T3	200°C	200°C	0-60	0-60	60-90
ECP64314TR-4	T3	200°C	200°C	0-60	10-60	60-90
ECP64316TR-4	T3	200°C	200°C	0-60	15-60	60-90
ECP82276T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP82276T-5	T3C	160°C	180°C	0-60	0-60	60-90
ECP82332T-4	T3C	160°C	180°C	0-60	0-60	60-90

* 0 Hz = motor slip Hz

Division 2 capabilities (continued)

Catalog Number	Sine Wave, 1.15 S.F.			Inverter Power, 1.0 S.F.			Catalog Number	Sine Wave, 1.15 S.F.			Inverter Power, 1.0 S.F.		
	Sine Wave Temp Code	Equivalent Zone Temp Code T = °C	Inverter Temp Code T = °C	V.T. Speed Range (Hz)*	C.T. Speed Range (Hz)*	CHP Speed Range (Hz)		Sine Wave Temp Code	Equivalent Zone Temp Code T = °C	Inverter Temp Code T = °C	V.T. Speed Range (Hz)*	C.T. Speed Range (Hz)*	CHP Speed Range (Hz)
ECP82332T-5	T3C	160°C	180°C	0-60	0-60	60-90	ECP84108T-5	T3	200°C	200°C	3-60	6-60	60-90
ECP82333T-4	T3C	160°C	180°C	0-60	0-60	60-90	ECP84109T-4	T3	200°C	200°C	3-60	6-60	60-90
ECP82333T-5	T3C	160°C	180°C	0-60	0-60	60-90	ECP84109T-5	T3	200°C	200°C	3-60	6-60	60-90
ECP82334T-4	T3C	160°C	180°C	0-60	0-60	60-90	ECP84110T-4	T3	200°C	200°C	0-60	0-60	60-90
ECP82334T-5	T3C	160°C	180°C	0-60	0-60	60-90	ECP84110T-5	T3	200°C	200°C	0-60	0-60	60-90
ECP82394T-4	T3C	160°C	180°C	3-60	6-60	60-90	ECP84111T-4	T3	200°C	200°C	0-60	0-60	60-90
ECP82394T-5	T3C	160°C	180°C	3-60	6-60	60-90	ECP84111T-5	T3	200°C	200°C	0-60	0-60	60-90
ECP83580T-4	T4	135°C	135°C	3-60	6-60	60-90	ECP84114T-4	T3	200°C	200°C	3-60	6-60	60-90
ECP83580T-5	T4	135°C	135°C	3-60	6-60	60-90	ECP84114T-5	T3	200°C	200°C	3-60	6-60	60-90
ECP83581T-4	T4	135°C	135°C	0-60	0-60	60-90	ECP84115T-4	T3	200°C	200°C	0-60	0-60	60-90
ECP83581T-5	T4	135°C	135°C	0-60	0-60	60-90	ECP84115T-5	T3	200°C	200°C	0-60	0-60	60-90
ECP83582T-4	T4	135°C	135°C	0-60	0-60	60-90	ECP84117T-4	T3	200°C	200°C	0-60	0-60	60-90
ECP83582T-5	T4	135°C	135°C	0-60	0-60	60-90	ECP84117T-5	T3	200°C	200°C	0-60	0-60	60-90
ECP83583T-4	T4	135°C	135°C	3-60	6-60	60-90	ECP84308T-4	T3A	180°C	180°C	0-60	6-60	60-90
ECP83583T-5	T4	135°C	135°C	3-60	6-60	60-90	ECP84308T-5	T3A	180°C	180°C	0-60	6-60	60-90
ECP83584T-4	T4	135°C	135°C	0-60	0-60	60-90	ECP84310T-4	T3	200°C	200°C	0-60	6-60	60-75
ECP83584T-5	T4	135°C	135°C	0-60	0-60	60-90	ECP84310T-5	T3	200°C	200°C	0-60	6-60	60-75
ECP83586T-4	T4	135°C	135°C	3-60	6-60	60-90	ECP84312T-4	T3A	180°C	180°C	0-60	6-60	60-90
ECP83586T-5	T4	135°C	135°C	3-60	6-60	60-90	ECP84312T-5	T3A	180°C	180°C	0-60	6-60	60-90
ECP83587T-4	T4	135°C	135°C	0-60	0-60	60-90	ECP84313T-4	T3	200°C	200°C	0-60	15-60	60-75
ECP83587T-5	T4	135°C	135°C	0-60	0-60	60-90	ECP84313T-5	T3	200°C	200°C	0-60	15-60	60-75
ECP83660T-4	T3C	160°C	160°C	3-60	6-60	60-90	ECP84314T-4	T3	200°C	200°C	0-60	10-60	60-90
ECP83660T-5	T3C	160°C	160°C	3-60	6-60	60-90	ECP84314T-5	T3	200°C	200°C	0-60	10-60	60-90
ECP83661T-4	T3C	160°C	160°C	0-60	0-60	60-90	ECP84316T-4	T3	200°C	200°C	0-60	15-60	60-90
ECP83661T-5	T3C	160°C	160°C	0-60	0-60	60-90	ECP84316T-5	T3	200°C	200°C	0-60	15-60	60-90
ECP83663T-4	T3C	160°C	160°C	3-60	6-60	60-90	ECP84400T-4	T2D	215°C	215°C	0-60	10-60	60-90
ECP83663T-5	T3C	160°C	160°C	3-60	6-60	60-90	ECP84400T-5	T2D	215°C	215°C	0-60	10-60	60-90
ECP83664T-4	T3C	160°C	160°C	0-60	0-60	60-90	ECP84400TR-4	T2D	215°C	215°C	0-60	10-60	60-90
ECP83664T-5	T3C	160°C	160°C	0-60	0-60	60-90	ECP84402T-4	T3	200°C	200°C	0-60	10-60	60-75
ECP83665T-4	T3A	180°C	160°C	0-60	0-60	60-90	ECP84402T-5	T3	200°C	200°C	0-60	10-60	60-75
ECP83665T-5	T3A	180°C	160°C	0-60	0-60	60-90	ECP84403T-4	T3	200°C	200°C	0-60	10-60	60-90
ECP83667T-4	T3C	160°C	160°C	0-60	0-60	60-90	ECP84403T-5	T3	200°C	200°C	0-60	10-60	60-90
ECP83667T-5	T3C	160°C	160°C	0-60	0-60	60-90	ECP84404T-4	T3	200°C	200°C	0-60	10-60	60-90
ECP83764T-4	T3C	160°C	160°C	0-60	0-60	60-90	ECP84404T-5	T3	200°C	200°C	0-60	10-60	60-90
ECP83764T-5	T3C	160°C	160°C	0-60	0-60	60-90	ECP84406T-4	T3	200°C	200°C	0-60	15-60	60-90
ECP83768T-4	T3C	160°C	160°C	0-60	0-60	60-90	ECP84406T-5	T3	200°C	200°C	0-60	15-60	60-90
ECP83768T-5	T3C	160°C	160°C	0-60	0-60	60-90	ECP84407T-4	T3	200°C	200°C	0-60	30-60	60-90
ECP83769T-4	T3C	160°C	160°C	3-60	6-60	60-90	ECP84407T-5	T3	200°C	200°C	0-60	30-60	60-90
ECP83769T-5	T3C	160°C	160°C	3-60	6-60	60-90	ECP84407TR-4	T3	200°C	200°C	0-60	30-60	60-90
ECP83770T-4	T3C	160°C	160°C	0-60	0-60	60-90	ECP84407TR-5	T3	200°C	200°C	0-60	30-60	60-90
ECP83770T-5	T3C	160°C	160°C	0-60	0-60	60-90	ECP84408T-4	T3	200°C	200°C	0-60	30-60	60-90
ECP83771T-4	T3C	160°C	160°C	3-60	6-60	60-90	ECP84408T-5	T3	200°C	200°C	0-60	30-60	60-90
ECP83771T-5	T3C	160°C	160°C	3-60	6-60	60-90	ECP84408TR-4	T3	200°C	200°C	0-60	30-60	60-90
ECP83774T-4	T3C	160°C	160°C	0-60	0-60	60-90	ECP84408TR-5	T3	200°C	200°C	0-60	30-60	60-90
ECP83774T-5	T3C	160°C	160°C	0-60	0-60	60-90	ECP84409T-4	T3	200°C	200°C	0-60	15-60	60-90
ECP84100T-4	T3C	160°C	180°C	0-60	0-60	60-90	ECP84409T-5	T3	200°C	200°C	0-60	15-60	60-90
ECP84100T-5	T3C	160°C	180°C	0-60	0-60	60-90	ECP84409TR-4	T3	200°C	200°C	0-60	15-60	60-90
ECP84102T-4	T3C	160°C	180°C	0-60	0-60	60-90	ECP84410T-4	T3	200°C	200°C	0-60	10-60	60-90
ECP84102T-5	T3C	160°C	180°C	0-60	0-60	60-90	ECP84410T-5	T3	200°C	200°C	0-60	10-60	60-90
ECP84103T-4	T3C	160°C	180°C	0-60	0-60	60-90	ECP84410TR-4	T3	200°C	200°C	0-60	10-60	60-90
ECP84103T-5	T3C	160°C	180°C	0-60	0-60	60-90	ECP84411T-4	T3	200°C	200°C	0-60	15-60	60-90
ECP84104T-4	T3C	160°C	180°C	0-60	0-60	60-90	ECP84411T-5	T3	200°C	200°C	0-60	15-60	60-90
ECP84104T-5	T3C	160°C	180°C	0-60	0-60	60-90	ECP84411TR-4	T3	200°C	200°C	0-60	15-60	60-90
ECP84106T-4	T3	200°C	200°C	3-60	6-60	60-90	ECP84412T-4	T3	200°C	200°C	0-60	15-60	60-75
ECP84106T-5	T3	200°C	200°C	3-60	6-60	60-90	ECP84412T-5	T3	200°C	200°C	0-60	30-60	60-75
ECP84107T-4	T3	200°C	200°C	3-60	6-60	60-90	ECP84413T-4	T3	200°C	200°C	0-60	10-60	60-75
ECP84107T-5	T3	200°C	200°C	3-60	6-60	60-90	ECP84413T-5	T3	200°C	200°C	0-60	10-60	60-75
ECP84108T-4	T3	200°C	200°C	3-60	6-60	60-90	ECP844156T-4	T3	200°C	200°C	0-60	15-60	60-90

* 0 Hz = motor slip Hz

For more information visit baldor.com or new.abb.com/motors-generators

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

Division 2 capabilities (continued)

Catalog Number	Sine Wave, 1.15 S.F.			Inverter Power, 1.0 S.F.		
	Sine Wave Temp Code	Equivalent Zone Temp Code T = °C	Inverter Temp Code T = °C	V.T. Speed Range (Hz)*	C.T. Speed Range (Hz)*	CHP Speed Range (Hz)
ECP844156TR-4	T3	200°C	200°C	0-60	15-60	60-90
ECP844156TR-5	T3	200°C	200°C	0-60	15-60	60-90
ECP84416T-4	T3	200°C	200°C	0-60	30-60	60-75
ECP84416T-5	T2C	230°C	230°C	0-60	30-60	60-75
ECP844206T-4	T3	200°C	200°C	0-60	30-60	60-90
ECP844206TR-4	T3	200°C	200°C	0-60	30-60	60-90
ECP844206TR-5	T3	200°C	200°C	0-60	30-60	60-90
ECP844252T-4	T2D	215°C	215°C	0-60	30-60	60-75
ECP844252T-5	T2C	230°C	230°C	0-60	30-60	60-75
ECP844256T-4	T2D	215°C	215°C	0-60	30-60	60-90
ECP844256TR-4	T2D	215°C	215°C	0-60	30-60	60-90
ECP844256TR-5	T2D	215°C	215°C	0-60	30-60	60-90
ECP844306T-4	T2C	230°C	230°C	0-60	30-60	60-90
ECP844306TR-4	T2C	230°C	230°C	0-60	30-60	60-90
ECP844306TR-5	T2C	230°C	230°C	0-60	30-60	60-90
ENCP3580T-4	T3C	160°C	160°C	3-60	6-60	60-90
ENCP3581T-4	T4	135°C	135°C	0-60	0-60	60-90
ENCP83580T-4	T3C	160°C	160°C	3-60	6-60	60-90
ENCP83581T-4	T4	135°C	135°C	0-60	0-60	60-90
VECP2276T	T3C	160°C	180°C	0-60	0-60	60-90
VECP2332T	T3C	160°C	180°C	0-60	0-60	60-90
VECP2333T	T3C	160°C	180°C	0-60	0-60	60-90
VECP2333T-4	T3C	160°C	180°C	0-60	0-60	60-90
VECP2334T	T3C	160°C	180°C	0-60	0-60	60-90
VECP2334T-4	T3C	160°C	180°C	0-60	0-60	60-90
VECP3580-4	T4	135°C	135°C	3-60	6-60	60-90
VECP3581	T4	135°C	135°C	0-60	0-60	60-90
VECP3581-4	T4	135°C	135°C	0-60	0-60	60-90
VECP3581T	T4	135°C	135°C	0-60	0-60	60-90
VECP3581T-4	T4	135°C	135°C	0-60	0-60	60-90
VECP3582T	T4	135°C	135°C	0-60	0-60	60-90
VECP3583T-4	T4	135°C	135°C	3-60	6-60	60-90
VECP3584T	T4	135°C	135°C	0-60	0-60	60-90
VECP3584T-4	T4	135°C	135°C	0-60	0-60	60-90
VECP3586T-4	T4	135°C	135°C	3-60	6-60	60-90
VECP3587T	T4	135°C	135°C	0-60	0-60	60-90
VECP3587T-4	T4	135°C	135°C	0-60	0-60	60-90
VECP3660T-4	T3C	160°C	160°C	0-60	6-60	60-90
VECP3661T	T3C	160°C	160°C	0-60	0-60	60-90
VECP3661T-4	T3C	160°C	160°C	0-60	0-60	60-90
VECP3663T-4	T3C	160°C	160°C	3-60	6-60	60-90
VECP3664T	T3C	160°C	160°C	0-60	0-60	60-90
VECP3665T	T3C	160°C	160°C	0-60	0-60	60-90
VECP3665T-4	T3C	160°C	160°C	0-60	0-60	60-90
VECP3667T	T3C	160°C	160°C	0-60	0-60	60-90
VECP3764T	T3C	160°C	160°C	0-60	0-60	60-90
VECP3768T	T3C	160°C	160°C	0-60	0-60	60-90
VECP3769T-4	T3C	160°C	160°C	3-60	6-60	60-90
VECP3770T	T3C	160°C	160°C	0-60	0-60	60-90
VECP3770T-4	T3C	160°C	160°C	0-60	0-60	60-90
VECP3771T-4	T3C	160°C	160°C	3-60	6-60	60-90
VECP3774T	T3C	160°C	160°C	0-60	0-60	60-90
VECP3774T-4	T3C	160°C	160°C	0-60	0-60	60-90
VECP4100T	T3C	160°C	180°C	0-60	0-60	60-90
VECP4102T	T3C	160°C	180°C	0-60	0-60	60-90
VECP4103T	T3C	160°C	180°C	0-60	0-60	60-90
VECP4111T	T3	200°C	200°C	0-60	0-60	60-90
VECP82333T-4	T3C	160°C	180°C	0-60	0-60	60-90

Catalog Number	Sine Wave, 1.15 S.F.			Inverter Power, 1.0 S.F.		
	Sine Wave Temp Code	Equivalent Zone Temp Code T = °C	Inverter Temp Code T = °C	V.T. Speed Range (Hz)*	C.T. Speed Range (Hz)*	CHP Speed Range (Hz)
VECP82334T-4	T3C	160°C	180°C	0-60	0-60	60-90
VECP82394T-4	T3C	160°C	180°C	0-60	6-60	60-90
VECP83583T-4	T4	135°C	135°C	3-60	6-60	60-90
VECP83584T-4	T4	135°C	135°C	0-60	0-60	60-90
VECP83586T-4	T4	135°C	135°C	3-60	6-60	60-90
VECP83587T-4	T4	135°C	135°C	0-60	0-60	60-90
VECP83660T-4	T3C	160°C	160°C	3-60	6-60	60-90
VECP83661T-4	T3C	160°C	160°C	0-60	0-60	60-90
VECP83663T-4	T3C	160°C	160°C	3-60	6-60	60-90
VECP83665T-4	T3C	160°C	160°C	0-60	0-60	60-90
VECP83769T-4	T3C	160°C	160°C	3-60	6-60	60-90
VECP83770T-4	T3C	160°C	160°C	0-60	0-60	60-90
VECP83771T-4	T3C	160°C	160°C	3-60	6-60	60-90
VECP83774T-4	T3C	160°C	160°C	0-60	0-60	60-90
VECP84106T-4	T3	200°C	200°C	3-60	6-60	60-90
VENCP83580T-4	T3C	160°C	160°C	3-60	6-60	60-90
VENCP83581T-4	T4	135°C	135°C	0-60	0-60	60-90

* 0 Hz = motor slip Hz