

**Severe Duty,
Three Phase,
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: 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	3600	143T	ECP3580T-4	799	SD	12.88	55	84	460	1.4	1
	1800	143T	ECP3581T	878	SD	12.88	61	87.5	208-230/460	1.5	1
		143T	ECP3581T-4	878	SD	12.88	60	87.5	460	1.5	1
	1200	145T	ECP3582T	970	SD	12.88	67	82.5	208-230/460	1.8	1
		145T	ECP3582T-4	970	SD	12.88	64	82.5	460	1.8	1
900	L182T	ECP3687T-4	1,363	SD	17.12	135	82.5	460	1.75	1	
1 1/2	3600	143T	ECP3583T-4	909	SD	12.88	66	85.5	460	2	1
	1800	145T	ECP3584T	895	SD	12.88	67	88.5	208-230/460	2.1	1
		145T	ECP3584T-4	895	SD	12.88	65	88.5	460	2.1	1
	1200	182T	ECP3667T	1,135	SD	15.62	136	87.5	208-230/460	2.4	1
		182T	ECP3667T-4	1,135	SD	15.62	135	87.5	460	2.4	1
900	L184T	ECP3668T-4	1,696	SD	17.12	146	84	460	2.4	1	
2	3600	145T	ECP3586T-4	951	SD	12.88	66	86.5	460	2.5	1
	1800	145T	ECP3587T	934	SD	12.88	69	86.5	208-230/460	2.7	1
		145T	ECP3587T-4	934	SD	12.88	69	86.5	460	2.7	1
	1200	L184T	ECP3664T	1,150	SD	17.12	144	88.5	208-230/460	3	1
		L184T	ECP3664T-4	1,150	SD	17.12	137	87.5	460	2.8	1
900	L213T	ECP3772T-4	2,139	SD	20.19	200	85.5	460	3.2	1	
3	3600	182T	ECP3660T	1,125	SD	15.62	104	88.5	230/460	3.6	1
		182T	ECP3660T-4	1,125	SD	15.62	118	88.5	460	3.6	1
	1800	L182T	ECP3661T	1,182	SD	17.12	131	89.5	230/460	4.2	1,30
		182T	ECP3661T-4	1,182	SD	15.62	136	89.5	460	4.2	1
	1200	213T	ECP3764T	1,660	SD	19.31	181	89.5	230/460	4.2	1,30
213T		ECP3764T-4	1,660	SD	19.31	186	89.5	460	4.2	1,30	
900	L215T	ECP3775T-4	2,320	SD	20.19	205	85.5	460	4.7	1	
5	3600	184T	ECP3663T	1,384	SD	15.93	128	88.5	230/460	5.6	1
		184T	ECP3663T-4	1,384	SD	15.62	128	88.5	460	6	1
	1800	L184T	ECP3665T	1,203	SD	17.12	143	89.5	230/460	6.6	1,30
		L184T	ECP3665T-4	1,203	SD	17.12	137	89.5	460	6.6	1
	1200	L215T	ECP3768T	1,682	SD	20.19	199	89.5	230/460	6.8	1,30
L215T		ECP3768T-4	1,682	SD	20.19	197	89.5	460	6.8	1	
900	254T	ECP2280T-4	3,693	SD	24.56	337	89.5	460	7.3	1	
7 1/2	3600	213T	ECP3769T	1,806	SD	19.31	178	90.2	230/460	8.6	1
		213T	ECP3769T-4	1,806	SD	19.31	191	90.2	460	8.6	1
	1800	L213T	ECP3770T	1,515	SD	20.19	199	91.7	230/460	9.4	1
		L213T	ECP3770T-4	1,515	SD	20.19	199	91.7	460	9.4	1
	1200	254T	ECP2276T	2,407	SD	24.56	344	91	230/460	9.9	1
254T		ECP2276T-4	2,407	SD	24.56	308	90.2	460	9.6	1	
900	256T	ECP2401T-4	4,223	SD	24.56	370	90.2	460	10.5	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).

Custom TEFC motors available through 2,250 Hp; Open and WPll custom motors through 15,000 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

Severe Duty, Three Phase, 460 & 230/460 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)
10	3600	215T	ECP3771T	1,923	SD	19.31	188	91	230/460	11.1	1
		215T	ECP3771T-4	1,923	SD	19.31	188	91	460	11.1	1
	1800	L215T	ECP3774T	1,814	SD	20.19	210	91.7	230/460	12.3	1
		L215T	ECP3774T-4	1,814	SD	20.19	210	91.7	460	12.3	1
	1200	256T	ECP2332T	3,127	SD	24.56	347	91	230/460	12.5	1
		256T	ECP2332T-4	3,127	SD	24.56	342	91	460	12.5	1
900	284T	ECP2402T-4	4,926	SD	27.44	445	90.2	460	13.7	1	
15	3600	254T	ECP2294T	2,460	SD	24.56	349	91.7	230/460	16.8	1
		254T	ECP2394T-4	2,460	SD	24.56	349	91.7	460	16.8	1
	1800	254T	ECP2333T	2,311	SD	24.56	326	92.4	230/460	18.1	1
		254T	ECP2333T-4	2,311	SD	24.56	323	92.4	460	18.1	1
	1200	284T	ECP4100T	3,585	SD	27.44	439	92.4	230/460	18.7	1
		284T	ECP4100T-4	3,585	SD	27.44	441	92.4	460	18.7	1
900	286T	ECP2395T-4	6,576	SD	27.44	442	90.2	460	20	1	
20	3600	256T	ECP4106T	2,870	SD	24.56	348	91.7	230/460	22.3	1
		256T	ECP4106T-4	2,870	SD	24.56	345	91.7	460	22.3	1
	1800	256T	ECP2334T	2,479	SD	24.56	356	93	230/460	24	1
		256T	ECP2334T-4	2,479	SD	24.56	355	93	460	24	1
	1200	286T	ECP4102T	4,871	SD	27.44	453	92.4	230/460	24.8	1
		286T	ECP4102T-4	4,871	SD	27.44	456	92.4	460	24.8	1
900	324T	ECP4112T-4	7,497	SD	30.44	620	91	460	26.5	1	
25	3600	284TS	ECP4107T	3,449	SD	26.06	398	93	230/460	28.1	1
		284TS	ECP4107T-4	3,449	SD	26.06	449	93	460	28.1	1
	1800	284T	ECP4103T	3,244	SD	27.44	454	93.6	230/460	29.7	1
		284T	ECP4103T-4	3,244	SD	27.44	456	93.6	460	29.7	1
	1200	324T	ECP4111T	5,090	SD	30.44	651	93	230/460	30.9	1
		324T	ECP4111T-4	5,090	SD	30.44	650	93	460	30.9	1
30	3600	286TS	ECP4108T	4,205	SD	26.06	450	93	230/460	33.9	1
		286TS	ECP4108T-4	4,205	SD	26.06	451	93	460	33.9	1
	1800	286T	ECP4104T	3,852	SD	27.44	462	93.6	230/460	36.1	1
		286T	ECP4104T-4	3,852	SD	27.44	452	93.6	460	36.1	1
	1200	326T	ECP4117T	6,562	SD	30.44	698	93.6	230/460	36.4	1
		326T	ECP4117T-4	6,562	SD	30.44	695	93.6	460	36.4	1
40	3600	324TS	ECP4109T	5,777	SD	28.94	557	94.1	230/460	44.3	1
		324TS	ECP4109T-4	5,777	SD	28.94	653	94.1	460	44.3	1
	1800	324T	ECP4110T	5,040	SD	30.44	647	94.1	230/460	47.7	1
		324T	ECP4110T-4	5,040	SD	30.44	658	94.1	460	47.7	1
	1200	364T	ECP4308T	8,179	SD	33.44	865	94.1	230/460	49.4	1
		364T	ECP4308T-4	8,179	SD	33.44	893	94.1	460	49.4	1
50	3600	326TS	ECP4114T	6,054	SD	28.94	683	94.1	230/460	55.5	1
		326TS	ECP4114T-4	6,054	SD	28.94	680	94.1	460	55.5	1
	1800	326T	ECP4115T	5,916	SD	30.44	720	94.5	230/460	58.4	1
		326T	ECP4115T-4	5,916	SD	30.44	704	94.5	460	58.4	1
	1200	365T	ECP4312T	8,712	SD	33.44	899	94.1	230/460	61	1
		365T	ECP4312T-4	8,712	SD	33.44	893	94.1	460	61.7	1
60	3600	364TS	ECP4310T	8,786	SD	31.31	748	95	230/460	65.1	1
		364TS	ECP4310T-4	8,786	SD	31.31	816	95	460	65.1	1
	1800	364T	ECP4314T	7,929	SD	33.44	847	95	230/460	69	1
		364T	ECP4314T-4	7,929	SD	33.44	862	95	460	68	1
	1200	404T	ECP4403T	11,900	SD	38.31	1,257	94.5	230/460	72	1
		404T	ECP4403T-4	11,900	SD	38.31	1,308	95	460	69	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 2,250 Hp; Open and WPII custom motors through 15,000 Hp. Contact your Baldor•Reliance Sales Representative.

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■ Cast Iron Frame

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Explosion Proof Motors

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Commercial Motors

HVAC Motors

Severe Duty, Three Phase, 460 & 230/460 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)
75	3600	365TS	ECP4313T	9,822	SD	31.31	964	95	230/460	80.7	1
		365TS	ECP4313T-4	9,822	SD	31.31	911	95	460	80.7	1
	1800	365T	ECP4316T	9,265	SD	33.44	931	95.4	230/460	85.9	1
		365T	ECP4316T-4	9,265	SD	33.44	887	95.4	460	85.9	1
	1200	405T	ECP4404T	14,483	SD	38.31	1,305	95	230/460	88	1
		405T	ECP4404T-4	14,483	SD	38.31	1,160	95	460	86.9	1
100	3600	405TS	ECP4402T	12,346	SD	35.31	1,119	93.6	230/460	116	1
		405TS	ECP4402T-4	12,346	SD	35.31	1,266	95	460	110	1
	1800	405T	ECP4400T-4	12,162	SD	38.31	1,343	95.4	460	112	1
		405TS	ECP4400TS-4	12,162	SD	35.31	1,292	95.4	460	112	1
	1200	444T	ECP4409T-4	15,930	SD	44.62	1,765	95	460	115	1
		444TS	ECP4412T	14,507	SD	40.88	1,654	94.5	230/460	144	1
125	3600	444TS	ECP4412T	14,507	SD	40.88	1,712	95.4	460	137	1
		444TS	ECP4412T-4	14,507	SD	40.88	1,712	95.4	460	137	1
	1800	444T	ECP4410T-4	14,378	SD	44.62	1,781	95.8	460	139	1
		444T	ECP4410T-4	14,378	SD	44.62	1,781	95.8	460	139	1
150	3600	445T	ECP4411T-4	17,996	SD	44.62	1,884	95.4	460	143	1
		445T	ECP4411T-4	17,996	SD	44.62	1,884	95.4	460	143	1
	1800	445TS	ECP4413T	17,007	SD	40.88	1,634	94.5	460	173	1
		445TS	ECP4413T-4	17,007	SD	40.88	1,921	96.2	460	164	1
	1200	445T	ECP4406T-4	16,844	SD	44.62	1,922	96.2	460	165	1
		445T	ECP44156T-4	20,290	SD	48.40	2,006	95.4	460	170	1
200	3600	447T	ECP44156TR-4	20,290	SD	48.40	2,048	96.2	460	173	1,5
		447T	ECP44156TR-4	20,290	SD	48.40	2,048	96.2	460	173	1,5
	1800	445TS	ECP44202T-4	20,139	SD	40.88	1,986	96.2	460	222	1
		447TS	ECP4416T-4	20,139	SD	44.16	2,129	96.2	460	222	1
		447T	ECP4407T-4	20,263	SD	48.40	2,417	96.2	460	221	1,27
		447T	ECP4407TR-4	20,555	SD	48.40	2,077	96.2	460	221	1,5
	1200	447TS	ECP4407TS-4	20,555	SD	44.65	2,358	96.2	460	221	1,27
		449T	ECP44206T-4	26,578	SD	53.40	2,809	96.2	460	223	1,27
		449T	ECP44206TR-4	26,578	SD	53.40	2,848	96.2	460	223	1,5
		449T	ECP44206TR-4	26,578	SD	53.40	2,848	96.2	460	223	1,5
250	3600	449TS	ECP44252T-4	30,796	SD	44.65	2,424	96.2	460	275	1,27
		449TS	ECP44252T-4	30,796	SD	44.65	2,424	96.2	460	275	1,27
	1800	449T	ECP4408TR-4	25,714	SD	53.40	2,764	96.2	460	272	1,5
		449T	ECP4408T-4	25,714	SD	53.40	2,745	96.2	460	272	1,27
	1200	449T	ECP44256T-4	37,079	SD	53.40	2,973	96.2	460	283	1,27
		449T	ECP44256TR-4	37,079	SD	53.40	2,999	96.2	460	283	1,5
300	3600	449TS	ECP44302T-4	45,010	SD	49.65	2,500	96.2	460	326	1,27
		449TS	ECP44302T-4	45,010	SD	49.65	2,500	96.2	460	326	1,27
	1800	449T	ECP44304TR-4	35,442	SD	53.40	2,925	96.5	460	326	1,5
350	3600	449T	ECP44304T-4	35,442	SD	53.40	2,853	96.5	460	326	1,27
		449TS	ECP44352T-4	54,025	SD	49.65	2,848	96.2	460	375	1,27
	1200	449T	ECP44354T-4	42,529	SD	53.40	3,041	96.2	460	392	1,27
		5011LY	ECP50356L-4	58,658	LM	72.05	5,732	95.8	460	386	1,27,64
400	3600	449TS	ECP44402T-4	63,206	SD	49.65	2,845	96.5	460	435	1,27
	1800	L449T	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.

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

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Pump Motors

Commercial Motors

HVAC Motors

BALDOR • RELIANCE®

Severe Duty,
Three Phase,
575 Volts,
Foot Mounted

1 thru 200 Hp

NEMA 143T thru 447T



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

Features: ECP / XEX motors have 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. 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.

MEETS NRC CANADIAN STANDARDS FOR EFFICIENCY.

■ Cast Iron Frame