

**Severe Duty,
Three Phase,
460 & 230/460 Volts,
Foot Mounted**

1 thru 400 Hp

NEMA 143T thru 449T



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

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

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	EISA Status (a)	Notes (a)
1	3600	143T	ECP3580T	837	SD	12.88	55	84	208-230/460	1.4	A	1
		143T	ECP3580T-4	837	SD	12.88	55	84	460	1.4	A	1
		143T	ENCP3580T-4	876	SD	11.38	56	84	460	1.3	C	1
	1800	143T	ECP3581T	920	SD	12.88	66	87.5	208-230/460	1.5	A	1
		143T	ECP3581T-4	920	SD	12.88	65	87.5	460	1.5	A	1
		143T	ENCP3581T-4	958	SD	11.36	60	85.5	460	1.4	C	1
	1200	145T	ECP3582T	1,016	SD	12.88	67	82.5	208-230/460	1.8	A	1
145T		ECP3582T-4	1,016	SD	12.88	69	82.5	460	1.8	A	1	
900	184T	ECP3687T-4	1,427	SD	15.93	143	82.5	460	1.8	B	1	
1 1/2	3600	143T	ECP3583T	952	SD	12.88	71	85.5	208-230/460	2	A	1
		143T	ECP3583T-4	952	SD	12.88	66	85.5	460	2	A	1
	1800	145T	ECP3584T	937	SD	12.88	68	88.5	208-230/460	2.1	A	1
		145T	ECP3584T-4	937	SD	12.88	71	88.5	460	2.1	A	1
	1200	182T	ECP3667T	1,189	SD	15.93	142	87.5	208-230/460	2.4	A	1
		182T	ECP3667T-4	1,189	SD	15.93	135	87.5	460	2.4	A	1
900	184T	ECP3668T-4	1,776	SD	15.93	142	84	460	2.4	B	1	
2	3600	145T	ECP3586T	996	SD	12.88	73	86.5	208-230/460	2.5	A	1
		145T	ECP3586T-4	996	SD	12.88	72	86.5	460	2.5	A	1
	1800	145T	ECP3587T	978	SD	12.88	76	88.5	208-230/460	2.8	A	1
		145T	ECP3587T-4	978	SD	12.88	73	86.5	460	2.7	A	1
	1200	184T	ECP3664T	1,204	SD	15.93	150	88.5	208-230/460	3	A	1
		184T	ECP3664T-4	1,204	SD	15.93	137	88.5	460	2.8	A	1
900	213T	ECP3772T-4	2,240	SD	20.19	204	85.5	460	3.2	B	1	
3	3600	182T	ECP3660T	1,178	SD	15.62	104	88.5	230/460	3.6	A	1
		182T	ECP3660T-4	1,178	SD	15.62	121	88.5	460	3.6	A	1
	1800	182T	ECP3661T	1,238	SD	17.12	139	89.5	230/460	4.2	A	1, 30
		182T	ECP3661T-4	1,238	SD	15.62	134	89.5	460	4.2	A	1
	1200	213T	ECP3764T	1,738	SD	15.93	181	89.5	230/460	4.2	A	1, 30
		213T	ECP3764T-4	1,738	SD	15.93	186	89.5	460	4.2	A	1
900	215T	ECP3775T-4	2,429	SD	20.19	216	85.5	460	4.7	B	1	
5	3600	184T	ECP3663T	1,449	SD	15.93	134	88.5	230/460	5.6	A	1
		184T	ECP3663T-4	1,449	SD	15.93	127	88.5	460	6	A	1
	1800	184T	ECP3665T	1,260	SD	15.93	139	89.5	230/460	6.6	A	1, 30
		184T	ECP3665T-4	1,260	SD	15.93	144	89.5	460	6.6	A	1
	1200	215T	ECP3768T	1,761	SD	20.19	199	89.5	230/460	6.8	A	1, 30
		215T	ECP3768T-4	1,761	SD	20.19	197	89.5	460	6.8	A	1
900	254T	ECP2280T-4	3,866	SD	24.56	337	89.5	460	7.3	B	1	

(a) See notes on inside back flap.

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

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 84.

■ 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

Light Industrial/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	EISA Status (a)	Notes (a)
7 1/2	3600	213T	ECP3769T	1,891	SD	19.31	181	90.2	230/460	8.6	A	1
		213T	ECP3769T-4	1,891	SD	19.31	180	90.2	460	8.6	A	1
	1800	213T	ECP3770T	1,586	SD	20.19	210	91.7	230/460	9.4	A	1
		213T	ECP3770T-4	1,586	SD	20.19	210	91.7	460	9.4	A	1
	1200	254T	ECP2276T	2,520	SD	25.07	344	91.7	230/460	10.7	A	1
		254T	ECP2276T-4	2,520	SD	25.07	308	91.7	460	10.7	A	1
900	256T	ECP2401T-4	4,421	SD	24.56	332	90.2	460	10.5	B	1	
10	3600	215T	ECP3771T	2,014	SD	19.50	203	91.7	230/460	11.2	A	1
		215T	ECP3771T-4	2,014	SD	19.50	215	91.7	460	11.2	A	1
	1800	215T	ECP3774T	1,899	SD	19.50	231	92.4	230/460	12.5	A	1
		215T	ECP3774T-4	1,899	SD	19.50	231	92.4	460	12.5	A	1
	1200	256T	ECP2332T	3,274	SD	25.07	354	91.7	230/460	14.2	A	1
		256T	ECP2332T-4	3,274	SD	25.07	300	91.7	460	14.2	A	1
900	284T	ECP2402T-4	5,157	SD	27.44	468	90.2	460	13.7	B	1	
15	3600	254T	ECP2294T	2,576	SD	24.69	350	91.7	230/460	17.2	A	1
		254T	ECP2394T-4	2,576	SD	25.07	239	91.7	460	17.2	A	1
	1800	254T	ECP2333T	2,420	SD	25.07	255	92.4	230/460	18.5	A	1
		254T	ECP2333T-4	2,420	SD	25.07	255	92.4	460	18.5	A	1
	1200	284T	ECP4100T	3,753	SD	27.44	439	92.4	230/460	18.7	A	1
		284T	ECP4100T-4	3,753	SD	27.44	441	92.4	460	18.7	A	1
900	286T	ECP2395T-4	6,884	SD	27.44	442	90.2	460	20	B	1	
20	3600	256T	ECP4106T	3,005	SD	24.69	265	92.4	230/460	22	A	1
		256T	ECP4106T-4	3,005	SD	25.07	265	92.4	460	23	A	1
	1800	256T	ECP2334T	2,596	SD	25.07	303	93	230/460	24	A	1
		256T	ECP2334T-4	2,596	SD	24.69	303	93	460	24	A	1
	1200	286T	ECP4102T	5,100	SD	27.44	453	92.4	230/460	24.8	A	1
		286T	ECP4102T-4	5,100	SD	27.44	456	92.4	460	24.8	A	1
900	324T	ECP4112T-4	7,848	SD	30.16	608	91	460	28	B	1	
25	3600	284TS	ECP4107T	3,611	SD	24.66	299	92.4	230/460	27	A	1
		284TS	ECP4107T-4	3,611	SD	26.06	449	93	460	28.1	A	1
	1800	284T	ECP4103T	3,396	SD	27.93	395	93.6	230/460	30	A	1
		284T	ECP4103T-4	3,396	SD	27.93	395	93.6	460	30	A	1
	1200	324T	ECP4111T	5,329	SD	30.16	611	93	230/460	32	A	1
		324T	ECP4111T-4	5,329	SD	30.16	648	93	460	32	A	1
900	286TS	ECP4108T	4,402	SD	26.06	450	93	230/460	33.9	A	1	
30	3600	286TS	ECP4108T-4	4,402	SD	26.06	457	93	460	33.9	A	1
		286T	ECP4104T	4,033	SD	27.93	459	94.1	230/460	36	A	1
	1800	286T	ECP4104T-4	4,033	SD	27.93	385	94.1	460	36	A	1
		326T	ECP4117T	6,870	SD	30.16	712	93	230/460	39	A	1
	1200	326T	ECP4117T-4	6,870	SD	30.16	695	93	460	39	A	1
		324TS	ECP4109T	6,048	SD	28.66	528	93.6	230/460	45	A	1
40	3600	324TS	ECP4109T-4	6,048	SD	28.66	608	93.6	460	47	A	1
		324T	ECP4110T	5,276	SD	30.16	647	94.5	230/460	46	A	1
	1800	324T	ECP4110T-4	5,276	SD	30.16	659	94.5	460	46	A	1
		364T	ECP4308T	8,562	SD	33.44	845	94.1	230/460	49.4	A	1
	1200	364T	ECP4308T-4	8,562	SD	33.44	847	94.1	460	49.4	A	1
		326TS	ECP4114T	6,338	SD	28.66	587	94.1	230/460	56	A	1
50	3600	326TS	ECP4114T-4	6,338	SD	28.66	647	94.1	460	56	A	1
		326T	ECP4115T	6,193	SD	30.16	732	94.5	230/460	57	A	1
	1800	326T	ECP4115T-4	6,193	SD	30.16	655	94.5	460	57	A	1
		365T	ECP4312T	9,120	SD	33.44	856	94.1	230/460	61	A	1
	1200	365T	ECP4312T-4	9,120	SD	33.44	893	94.1	460	61.7	A	1

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Severe Duty Motors

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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	EISA Status (a)	Notes (a)
60	3600	364TS	ECP4310T	9,198	SD	31.31	748	95	230/460	65.1	A	1
		364TS	ECP4310T-4	9,198	SD	31.31	901	95	460	65.1	A	1
	1800	364T	ECP4314T	8,301	SD	33.44	900	95	230/460	69	A	1
		364T	ECP4314T-4	8,301	SD	33.44	905	95	460	68	A	1
	1200	404T	ECP4403T	12,458	SD	38.31	1257	94.5	230/460	72	A	1
		404T	ECP4403T-4	12,458	SD	38.31	1308	95	460	69	A	1
75	3600	365TS	ECP4313T	10,282	SD	31.31	964	95	230/460	80.7	A	1
		365TS	ECP4313T-4	10,282	SD	31.31	966	95	460	80.7	A	1
	1800	365T	ECP4316T	9,699	SD	33.44	857	95.4	230/460	85.9	A	1
		365T	ECP4316T-4	9,699	SD	33.44	938	95.4	460	85.9	A	1
	1200	405T	ECP4404T	15,161	SD	38.31	1305	95	230/460	88	A	1
		405T	ECP4404T-4	15,161	SD	38.31	1289	95	460	86.9	A	1
100	3600	405TS	ECP4402T	12,924	SD	35.31	1119	94.1	230/460	116	A	1
		405TS	ECP4402T-4	12,924	SD	35.31	1266	95	460	110	A	1
	1800	405T	ECP4400T-4	12,732	SD	38.31	1329	95.4	460	112	A	1
		405TS	ECP4400TS-4	12,732	SD	35.31	1292	95.4	460	112	A	1
125	3600	444TS	ECP4412T	15,187	SD	40.98	1654	95	230/460	144	A	1
		444TS	ECP4412T-4	15,187	SD	40.98	1712	95.4	460	137	A	1
	1800	444T	ECP4410T-4	15,052	SD	44.75	1781	95.8	460	139	A	1
		445T	ECP4411T-4	18,839	SD	44.75	1884	95.4	460	143	A	1
150	3600	445TS	ECP4413T-4	17,804	SD	40.98	1953	96.2	460	164	A	1
		445T	ECP4406T-4	17,633	SD	44.75	1946	96.2	460	165	A	1
	1200	445T	ECP44156T-4	21,240	SD	48.24	2006	95.8	460	170	A	1
		447T	ECP44156TR-4	22,322	SD	48.24	2048	96.2	460	173	A	1, 5
200	3600	445TS	ECP4420T-4	21,082	SD	44.48	1986	96.2	460	222	A	1
		447TS	ECP4416T-4	21,082	SD	44.48	2129	96.2	460	222	A	1
	1800	447T	ECP4407T-4	21,212	SD	48.24	2417	96.2	460	221	A	1, 27
		447T	ECP4407TR-4	22,293	SD	48.24	2077	96.2	460	221	A	1, 5
		447TS	ECP4407TS-4	21,518	SD	44.48	2358	96.2	460	221	A	1, 27
	1200	449T	ECP44206T-4	27,823	SD	53.24	2809	96.2	460	223	A	1, 27
449T		ECP44206TR-4	28,904	SD	53.24	2848	96.2	460	223	A	1, 5	
250	3600	449TS	ECP4425T-4	32,238	SD	49.48	2424	96.2	460	275	B	1, 27
		449T	ECP4408T-4	26,918	SD	53.24	2745	96.2	460	272	B	1, 27
	1800	449T	ECP4408TR-4	27,999	SD	53.24	2764	96.2	460	272	B	1, 5
		449T	ECP44256T-4	38,815	SD	53.24	2973	96.2	460	283	B	1, 27
1200	449T	ECP44256TR-4	39,896	SD	53.24	2999	96.2	460	283	B	1, 5	
	300	449TS	ECP4430T-4	47,117	SD	49.48	2626	96.2	460	326	B	1, 27
1800		449T	ECP44304T-4	37,101	SD	53.24	2853	96.2	460	326	B	1, 27
		449T	ECP44304TR-4	38,183	SD	53.24	2925	96.2	460	326	B	1, 5
350	3600	449TS	ECP4435T-4	56,554	SD	49.48	2848	96.2	460	375	B	1, 27
	1800	449T	ECP44354T-4	44,520	SD	60.21	3041	96.2	460	392	B	1, 27
400	3600	449TS	ECP4440T-4	66,165	SD	49.48	2845	96.2	460	435	B	1, 27
	1800	L449T	ECP44404T-4	55,606	SD	60.21	3459	95.8	460	442	B	1, 27, 64

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