

Three Phase, Totally Enclosed, 575 Volts, Foot Mounted

1 thru 200 Hp**NEMA 143T thru 447T****IP55**

Applications: Designed for 600V distribution systems for use in Petro-chemical plants, mines, quarries, foundries, pulp and paper plants, waste management facilities, chemical plants, and other processing industry applications requiring protection against corrosion caused by severe environmental operating conditions.

Features: Totally enclosed cast iron construction, Premium insulation system, Sealed frame fits, Gasketed conduit box, V-Ring shaft slinger, Stainless Steel nameplates, Corrosion resistant epoxy finish and Corrosion resistant hardware. Super-E® severe duty motors have NEMA Premium® efficiency, Class F insulation, 1.15 service factor and 3 year warranty. Positive lubrication system (PLS) on 250 frames and larger. Motors are marked for Division 2/Zone 2, Class I locations. Inverter Ready design with speed range and Inverter T. Code nameplate information, see chart on page 51 for specific motor information.

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-5	950	SD	12.95	61	84	575	1.1	1
	1800	143T	ECP3581T-5	1,044	SD	12.95	65	87.5	575	1.2	1
1 1/2	1800	145T	ECP3584T-5	1,063	SD	12.95	71	88.5	575	1.7	1
2	1800	145T	ECP3587T-5	1,110	SD	12.95	75	88.5	575	2.3	1
3	3600	182T	ECP3660T-5	1,336	SD	15.93	107	88.5	575	2.7	1
	1800	182T	ECP3661T-5	1,404	SD	15.93	113	89.5	575	3.3	1
	1200	213T	ECP3764T-5	1,971	SD	19.50	211	90.2	575	3.6	1
5	3600	184T	ECP3663T-5	1,644	SD	15.93	111	89.5	575	4.6	1
	1800	184T	ECP3665T-5	1,429	SD	15.93	118	89.5	575	5.3	1
	1200	215T	ECP3768T-5	1,998	SD	19.50	196	90.2	575	5.8	1
7 1/2	3600	213T	ECP3769T-5	2,145	SD	19.50	169	91.7	575	6.9	1
	1800	213T	ECP3770T-5	1,799	SD	19.50	170	91.7	575	7.5	1
	1200	254T	ECP2276T-5	2,858	SD	24.78	333	91.7	575	8.7	1
10	3600	215T	ECP3771T-5	2,284	SD	19.50	182	92.4	575	8.9	1
	1800	215T	ECP3774T-5	2,154	SD	19.50	231	92.4	575	10	1
	1200	256T	ECP2332T-5	3,713	SD	24.78	347	91.7	575	11.5	1
15	3600	254T	ECP2394T-5	2,922	SD	24.78	239	91.7	575	13.8	1
	1800	254T	ECP2333T-5	2,745	SD	24.78	297	92.4	575	14.5	1
	1200	284T	ECP4100T-5	4,257	SD	27.93	446	93	575	15.9	1
20	3600	256T	ECP4106T-5	3,408	SD	24.78	310	91.7	575	17.8	1
	1800	256T	ECP2334T-5	2,944	SD	24.78	325	93	575	19.2	1
	1200	286T	ECP4102T-5	5,784	SD	27.93	478	93	575	20.6	1
25	1800	284T	ECP4103T-5	3,852	SD	27.93	424	93.6	575	23	1
	1200	324T	ECP4111T-5	6,044	SD	30.27	612	93	575	25.7	1
30	1800	286T	ECP4104T-5	4,574	SD	27.93	467	94.1	575	29	1
40	1800	324T	ECP4110T-5	5,984	SD	30.27	623	94.5	575	36.8	1
50	1800	326T	ECP4115T-5	7,024	SD	30.27	652	94.5	575	45	1
60	1800	364T	ECP4314T-5	9,414	SD	33.49	936	95	575	54.4	1
75	1800	365T	ECP4316T-5	11,000	SD	33.49	966	95.4	575	68.7	1
100	1800	405T	ECP4400T-5	14,439	SD	38.32	1305	95.4	575	89.6	1
125	1800	444T	ECP4410T-5	17,070	SD	44.75	2054	95.4	575	115	1
		444T	ECP4410T-5E	17,070	SD	44.62	1764	95.4	575	112	1, 56
		444T	ECP4910T-5	17,070	SD	44.75	2054	95.4	575	115	1, 99
150	1800	445T	ECP4406T-5	19,997	SD	44.75	2175	95.8	575	135	1
		445T	ECP4906T-5	19,997	SD	44.75	1826	95.8	575	135	1, 99
200	1800	447T	ECP4407T-5	24,056	SD	48.24	2570	96.2	575	178	1
		447T	ECP4907T-5	24,056	SD	48.24	2676	96.2	575	178	1, 99

(a) See notes on inside back.

All ratings are 1.15 service factor at 40°C ambient.

All ratings meet the intent of IEEE-45 for weather protection, and are suitable for use in a 50°C ambient with a 1.0 service factor.

■ Cast Iron Frame

Red Catalog Number indicates **NEW** Product.