

IEEE 841, 575 Volts, 1 thru 250 Hp
Three Phase, Totally Enclosed, Foot Mounted

NEMA 143T thru 449T

Applications: Petro-chemical, pulp and paper, cement, aggregate mining and other process industries requiring premium efficient motors designed, manufactured and tested to exceed IEEE 841-2001 TEFC motor standards for extreme severe duty service.

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



Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Start & Dynamic Brakes

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)	Reliance M/N
Foot Mounted													
1	3600	143T	TEFC	ECP83580T-5	804	SD	12.88	59	84	575	1.2	1	P14G7744
	1800	143T	TEFC	ECP83581T-5	883	SD	12.88	66	87.5	575	1.1	1	P14G7745
	1200	145T	TEFC	ECP83582T-5	947	SD	12.88	66	82.5	575	1.3	1	P14G7746
1 1/2	3600	143T	TEFC	ECP83583T-5	863	SD	12.88	65	85.5	575	1.7	1	P14G7747
	1800	145T	TEFC	ECP83584T-5	899	SD	12.88	68	88.5	575	1.6	1	P14G7748
	1200	182T	TEFC	ECP83667T-5	1,091	SD	15.62	105	87.5	575	1.92	1	P18G5300
2	3600	145T	TEFC	ECP83586T-5	895	SD	14.61	81	85.5	575	2	1	P14G7749
	1800	145T	TEFC	ECP83587T-5	939	SD	12.88	70	86.5	575	2.2	1	P14G7750
	1200	L184T	TEFC	ECP83664T-5	1,011	SD	17.12	120	88.5	575	2.4	1	P18G5301
3	3600	182T	TEFC	ECP83660T-5	1,130	SD	15.62	105	88.5	575	2.88	1	P18G5302
	1800	182T	TEFC	ECP83661T-5	1,189	SD	15.62	108	89.5	575	3.3	1	P18G5303
	1200	213T	TEFC	ECP83764T-5	1,654	SD	19.31	160	89.5	575	3.36	1	P21G5283
5	3600	184T	TEFC	ECP83663T-5	1,392	SD	15.62	120	88.5	575	4.8	1	P18G5304
	1800	L184T	TEFC	ECP83665T-5	1,212	SD	17.12	128	88.5	575	5.28	1	P18G5305
	1200	L215T	TEFC	ECP83768T-5	1,710	SD	20.19	175	89.5	575	5.44	1	P21G5284
7 1/2	3600	213T	TEFC	ECP83769T-5	1,819	SD	19.31	160	90.2	575	6.88	1	P21G5285
	1800	213T	TEFC	ECP83770T-5	1,527	SD	19.31	178	91.7	575	7.2	1	P21G5286
	1200	254T	TEFC	ECP82276T-5	2,587	SD	24.56	310	91	575	7.92	1	P25G5282
10	3600	215T	TEFC	ECP83771T-5	1,936	SD	19.31	177	91	575	8.88	1	P21G5287
	1800	L215T	TEFC	ECP83774T-5	1,808	SD	20.19	196	91.7	575	9.84	1	P21G5288
	1200	256T	TEFC	ECP82332T-5	3,149	SD	24.56	345	91	575	10	1	P25G5283
15	3600	254T	TEFC	ECP82394T-5	2,520	SD	24.56	374	91.7	575	13.4	1	P25G5278
	1800	254T	TEFC	ECP82333T-5	2,328	SD	24.56	255	92.4	575	14.5	1	P25G5280
	1200	284T	TEFC	ECP84100T-5	3,639	SD	27.86	400	92.4	575	14.9	1	P28G5286
20	3600	256TS	TEFC	ECP84106T-5	2,889	SD	24.56	375	91.7	575	17.8	1	P25G5279
	1800	256T	TEFC	ECP82334T-5	2,517	SD	24.56	286	93	575	19.2	1	P25G5281
	1200	286T	TEFC	ECP84102T-5	4,904	SD	27.86	420	92.4	575	19.8	1	P28G5287
25	3600	284TS	TEFC	ECP84107T-5	3,533	SD	26.06	482	93	575	22.4	1	P28G5282
	1800	284T	TEFC	ECP84103T-5	3,265	SD	27.44	415	93.6	575	23.7	1	P28G5284
	1200	324T	TEFC	ECP84111T-5	5,169	SD	30.44	530	93	575	24.7	1	P32G5253
30	3600	286TS	TEFC	ECP84108T-5	4,231	SD	26.06	491	93	575	27.1	1	P28G5283
	1800	286T	TEFC	ECP84104T-5	3,844	SD	27.44	424	93.6	575	28.8	1	P28G5285
	1200	326T	TEFC	ECP84117T-5	6,726	SD	30.44	560	93.6	575	29.1	1	P32G5254
40	3600	324TS	TEFC	ECP84109T-5	5,790	SD	28.94	520	94.1	575	40	1	
	1800	324T	TEFC	ECP84110T-5	5,119	SD	30.44	608	94.1	575	38.1	1	P32G5251

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

MEETS NRC CANADIAN STANDARDS FOR EFFICIENCY.

■ Cast Iron Frame

IEEE 841, 575 Volts, Three Phase, Totally Enclosed, Foot Mounted

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)	Reliance M/N
Foot Mounted (continued)													
40	1200	364T	TEFC	ECP84308T-5	8,234	SD	33.44	865	94.1	575	39.5	1	P36G5244
50	3600	326TS	TEFC	ECP84114T-5	6,040	SD	28.94	630	94.1	575	44.4	1	P32G5250
	1800	326T	TEFC	ECP84115T-5	6,011	SD	30.44	640	94.5	575	47	1	P32G5252
	1200	365T	TEFC	ECP84312T-5	8,770	SD	33.44	890	94.1	575	49.3	1	P36G5245
60	3600	364TS	TEFC	ECP84310T-5	8,926	SD	31.31	910	95	575	52	1	P36G5240
	1800	364T	TEFC	ECP84314T-5	7,982	SD	33.44	803	95	575	54.4	1	P36G5242
	1200	404T	TEFC	ECP84403T-5	11,367	SD	38.31	1,220	95	575	55.2	1	P40G475
75	3600	365TS	TEFC	ECP84313T-5	9,887	SD	31.31	996	95	575	64.5	1	P36G5241
	1800	365T	TEFC	ECP84316T-5	9,283	SD	33.44	926	95.4	575	68.8	1	P36G5243
	1200	405T	TEFC	ECP84404T-5	13,769	SD	38.31	1,260	95	575	69.5	1	P40G476
100	3600	405TS	TEFC	ECP84402T-5	11,849	SD	35.31	1,284	95	575	88	1	P40G473
	1800	405T	TEFC	ECP84400T-5	12,391	SD	38.31	1,239	95.4	575	89.6	1	P40G474
	1200	444T	TEFC	ECP84409T-5	15,145	SD	44.62	1,670	95	575	92	1	P44G727
125	3600	444TS	TEFC	ECP84412T-5	13,857	SD	40.88	1,689	95.4	575	109	1	P44G723
	1800	444T	TEFC	ECP84410T-5	14,056	SD	44.62	1,642	95.8	575	111	1	P44G725
	1200	445T	TEFC	ECP84411T-5	17,191	SD	44.62	1,860	95.4	575	114	1	P44G728
150	3600	445TS	TEFC	ECP84413T-5	15,925	SD	40.88	1,845	96.2	575	131	1	P44G724
	1800	445T	TEFC	ECP84406T-5	16,623	SD	44.62	1,763	96.2	575	132	1	P44G726
	1200	447T	TEFC	ECP844156TR-5	19,108	SD	48.13	2,300	96.2	575	139	1,5	P44G733
200	3600	445TS	TEFC	ECP84416T-5	21,053	SD	40.88	1,952	96.2	575	177	1	P44G729
	1800	447T	TEFC	ECP84407T-5	19,999	SD	48.40	2,236	96.2	575	176	1	P44G5264
		447T	TEFC	ECP84407TR-5	19,999	SD	48.13	2,236	96.2	575	176	1,5	P44G731
	1200	449T	TEFC	ECP844206TR-5	25,385	LM	53.13	2,590	96.2	575	178	1,5	P44G734
250	3600	449TS	TEFC	ECP844252T-5	35,585	LM	49.37	2,550	96.2	575	213	1	P44G730
	1800	449T	TEFC	ECP84408TR-5	29,028	LM	53.13	2,727	96.2	575	217	1,5	P44G732
		449T	TEFC	ECP84408T-5	29,028	LM	52.68	2,727	96.2	575	217	1	
C-Face, Foot Mounted													
2	1800	145TC	TEFC	CECP83587T-5	973	SD	12.88	70	86.5	575	2.2	1	P14G7761
3	1800	182TC	TEFC	CECP83661T-5	1,269	SD	16.38	108	89.5	575	3.04	1	P18G1185
5	1800	L184TC	TEFC	CECP83665T-5	1,275	SD	17.88	128	89.5	575	5.28	1	P18G1186
7 1/2	1800	213TC	TEFC	CECP83770T-5	1,616	SD	20.06	178	91.7	575	7.52	1	P21G1160
10	1800	L215TC	TEFC	CECP83774T-5	1,954	SD	20.94	196	91.7	575	9.52	1	P21G1161
15	1800	254TC	TEFC	CECP82333T-5	2,675	SD	25.06	255	92.4	575	14.4	1	P25G1148
20	1800	256TC	TEFC	CECP82334T-5	2,830	SD	25.06	286	93	575	19.2	1	P25G1149
25	1800	284TC	TEFC	CECP84103T-5	3,973	SD	27.44	415	93.6	575	23.7	1	P28G1079
30	1800	286TC	TEFC	CECP84104T-5	4,550	SD	27.44	424	93.6	575	28.8	1	P28G1080
40	1800	324TC	TEFC	CECP84114T-5	6,820	SD	30.44	630	94.1	575	38.1	1	P32G1060
50	1800	326TC	TEFC	CECP84115T-5	6,789	SD	30.44	640	94.5	575	46.7	1	P32G1061

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

MEETS NRC CANADIAN STANDARDS FOR EFFICIENCY.

■ Cast Iron Frame

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Starters & Dynamic Brakes

BALDOR • RELIANCE

**575 Volt,
Three Phase,
C-Face, Washdown,
Totally Enclosed**

1/2 thru 20 Hp

NEMA 56C thru 256TC

Applications: Food processing and other applications that regularly expose the motor to high pressure wash down.

Features: 300 series stainless steel hardware, moisture sealant on bolt heads, between frame and endplates. Neoprene gaskets. Double sealed ball bearings. Forsheda® running contact v-ring slinger. Stainless steel shaft extension. Electrostatically applied epoxy finish. Class F insulation. Tropicalized. CEWDM Super-E® motors have NEMA Premium® efficiency and 3 year warranty.



Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	“C” Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)	Reliance M/N
C-Face, Foot Mounted													
1/2	1800	56C	TENV	CWDM3538-5	504	WD	11.07	31	78.5	575	0.6	1	P56X4725
3/4	1800	56C	TENV	CWDM3542-5	547	WD	11.06	34	80	575	0.9	1	P56X4726
1	1800	56C	TENV	CWDM3546-5	586	WD	12.06	34	81	575	1.3	1	P56X4727
		56C	TENV	CEWDM3546-5	805	WD	12.07	43	86.5	575	1.1	1	
1 1/2	1800	145TC	TENV	CWDM3554T-5	634	WD	13.00	46	82.5	575	1.7	1	P14X4820
		145TC	TENV	CEWDM3554T-5	861	WD	13.00	48	86.5	575	1.6	1	
2	1800	145TC	TEFC	CWDM3558T-5	710	WD	13.30	43	84	575	2.2	1	P14X4821
		145TC	TEFC	CEWDM3558T-5	948	WD	14.17	50	86.5	575	2.2	1	
3	1800	182TC	TEFC	CWDM3611T-5	933	WD	16.54	72	87.5	575	3.3	1	P18G3867
		182TC	TEFC	CEWDM3611T-5	1,246	WD	16.54	75	89.5	575	3.1	1	
5	1800	184TC	TEFC	CWDM3615T-5	1,055	WD	16.54	78	87.5	575	5.7	1	P18G3868
		184TC	TEFC	CEWDM3615T-5	1,411	WD	18.04	99	90.2	575	5.2	1	
7 1/2	1800	254TC	TEFC	CEWDM3710T-5	1,786	WD	19.78	150	91.7	575	8.2	1	P21G3867
10	1800	254TC	TEFC	CEWDM3714T-5	2,031	WD	21.27	162	92.4	575	10.1	1	P21G3868
15	1800	254TC	TEFC	CEWDM23933T-5	3,994	WD	23.57	226	92.4	575	14.8	1	P25G3379
20	1800	256TC	TEFC	CEWDM23934T-5	4,632	WD	23.57	280	93	575	19.2	1	P25G3380
C-Face, Footless													
1/2	1800	56C	TENV	VWDM3538-5	500	WD	11.07	31	78.5	575	0.6	1	P56X4746
3/4	1800	56C	TEFC	VWDM3542-5	543	WD	11.06	34	80	575	0.9	1	P56X4747
1	1800	56C	TENV	VWDM3546-5	582	WD	12.06	34	81	575	1.3	1	P56X4748
1 1/2	1800	145TC	TENV	VWDM3554T-5	628	WD	12.94	40	84	575	1.9	1	P14X4841
2	1800	145TC	TEFC	VWDM3558T-5	661	WD	13.94	46	84	575	2.2	1	P14X4842

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

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Start & Dynamic Brakes