

BALDOR • RELIANCE

Three Phase,  
Totally Enclosed,  
460 & 230/460 Volts,  
C-Face

1 thru 25 Hp

NEMA 56C thru 326TC

**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, Forsheda® shaft seal, moisture resistant copper windings, Class F insulation, tropicalization, stainless steel nameplate and corrosion resistant hardware. VCP motors have XT features. VECP and CECP motors have XEX features. VECP and CECP/XEX 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
<b>C-Face, Foot Mounted</b>													
1	3600	143TC	TENV	CECP3580T-4	802	SD	11.87	58	84	230/460	1.4	1	P14G7715
		143TC	TEFC	CECP3581T	848	SD	13.38	61	87.5	208-230/460	1.5	1	P14G7516
		143TC	TENV	CECP3581T-4	872	SD	11.87	60	87.5	230/460	1.5	1	P14G7716
1 1/2	1800	145TC	TEFC	CECP3584T	864	SD	13.38	69	88.5	208-230/460	2.1	1	P14G7519
2	1800	145TC	TEFC	CECP3587T	900	SD	13.38	73	88.5	208-230/460	2.7	1	P14G7521
		3600	182TC	TEFC	CECP3660T	1,108	SD	16.38	125	88.5	230/460	3.6	1
3	1800	182TC	TEFC	CECP3661T	1,161	SD	17.88	118	89.5	230/460	4.2	1	P18G4109
		3600	184TC	TEFC	CECP3663T	1,346	SD	16.38	100	88.5	230/460	6	1
5	1800	L184TC	TEFC	CECP3665T	1,180	SD	17.88	130	89.5	230/460	6.6	1	P18G4162
		3600	213TC	TEFC	CECP3769T	1,810	SD	20.06	145	90.2	230/460	8.6	1
7 1/2	1800	213TC	TEFC	CECP3770T	1,544	SD	20.94	170	91.7	230/460	9.4	1	P21G4109
		3600	215TC	TEFC	CECP3771T	1,916	SD	20.06	155	91	230/460	11.1	1
10	1800	L215TC	TEFC	CECP3774T	1,817	SD	20.94	231	90.2	230/460	11.9	1	P21G4162
		254TC	TEFC	CECP2333T	2,582	SD	25.06	255	92.4	230/460	18.1	1	P25G1104
15	1800	254TC	TEFC	CECP2333T-4	2,733	SD	25.06	310	92.4	460	18.1	1	P25G1108
		256TC	TEFC	CECP2334T	2,737	SD	25.06	303	92.4	230/460	24	1	P25G1105
20	1800	256TC	TEFC	CECP2334T-4	2,737	SD	25.06	345	92.4	460	24	1	P25G1109
		284TC	TEFC	CECP4103T	3,617	SD	27.44	426	93.6	230/460	29.7	1	P28G1048
25	1800	284TC	TEFC	CECP4103T-4	3,617	SD	27.44	425	93.6	460	29.7	1	P28G1051
		286TC	TEFC	CECP4104T	4,175	SD	27.44	475	93.6	230/460	36.1	1	P28G1049
30	1800	286TC	TEFC	CECP4104T-4	4,175	SD	27.44	455	93.6	460	36.1	1	P28G1052
		324TC	TEFC	CECP4110T	5,329	SD	30.44	622	94.1	230/460	47.7	1	P32G1036
50	1800	326TC	TEFC	CECP4115T	6,132	SD	30.16	648	94.5	230/460	57	1	
<b>C-Face, Footless</b>													
1	3600	56C	TEFC	VECP3580-4	772	SD	13.32	53	84	460	1.4	1	
		56C	TEFC	VCP3580-4	655	SD	12.69	51	74	460	1.6	1	
		56C	TEFC	VECP3581	843	SD	14.50	66	87.5	208-230/460	1.5	1	
		56C	TEFC	VECP3581-4	843	SD	13.32	66	87.5	460	1.5	1	
		56C	TEFC	VCP3581	538	SD	12.69	54	77	208-230/460	1.7	1	
		56C	TEFC	VCP3581-4	538	SD	12.69	54	77	460	1.7	1	
	1800	143TC	TEFC	VECP3581T	843	SD	14.56	62	87.5	208-230/460	1.5	1	P14G7527
		143TC	TEFC	VECP3681T-4	843	SD	13.38	62	87.5	460	1.5	1	
		143TC	TEFC	VCP3581T	538	SD	13.92	56	82.5	208-230/460	1.65	1	
		143TC	TEFC	VCP3581T-4	538	SD	12.75	56	82.5	460	1.65	1	
		145TC	TEFC	VECP3582T	929	SD	14.56	67	82.5	208-230/460	1.8	1	P14G7528
		145TC	TEFC	VCP3582T	782	SD	13.92	64	80	208-230/460	1.8	1	
1 1/2	3600	143TC	TEFC	VECP3583T-4	871	SD	13.38	64	85.5	460	2	1	P14G7529
		143TC	TEFC	VCP3583T-4	739	SD	12.75	55	75.5	460	2.3	1	
	1800	145TC	TEFC	VECP3584T	858	SD	14.56	66	88.5	208-230/460	2.1	1	P14G7530
		145TC	TEFC	VECP3584T-4	858	SD	13.38	66	88.5	460	2.1	1	
		145TC	TEFC	VCP3584T	676	SD	13.92	60	84	208-230/460	2.3	1	
		145TC	TEFC	VCP3584T-4	676	SD	12.75	57	78.5	460	2.5	1	

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

■ Cast Iron Frame

General Information

Single Phase Motors

General Purpose Industrial Motors

Premium Efficient Super-E® Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Commercial Motors

HVAC Motors

**Three Phase, Totally Enclosed, 460 & 230/460 Volts, C-Face**

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
<b>C-Face, Footless (continued)</b>													
1 1/2	1200	182TC	TEFC	<b>VECP3667T</b>	1,104	SD	16.98	109	87.5	208-230/460	2.6	1	P18G3812
		182TC	TEFC	<b>VCP3667T</b>	917	SD	16.98	96	85.5	208-230/460	2.6	1	
2	3600	145TC	TEFC	<b>VECP3586T-4</b>	912	SD	13.38	70	86.5	460	2.5	1	P14G7531
		145TC	TEFC	<b>VCP3586T-4</b>	785	SD	12.75	59	78.5	460	2.7	1	
	1800	145TC	TEFC	<b>VECP3587T</b>	894	SD	14.56	70	88.5	208-230/460	2.7	1	
		145TC	TEFC	<b>VECP3587T-4</b>	894	SD	13.38	67	88.5	460	2.7	1	
		145TC	TEFC	<b>VCP3587T</b>	691	SD	13.92	67	84	208-230/460	2.8	1	
		145TC	TEFC	<b>VCP3587T-4</b>	691	SD	12.75	60	82.5	460	3.1	1	
1200	184TC	TEFC	<b>VECP3664T</b>	1,119	SD	16.98	115	88.5	208-230/460	3.5	1	P18G3814	
	184TC	TEFC	<b>VCP3664T</b>	856	SD	16.98	108	86.5	208-230/460	3.5	1		
3	3600	182TC	TEFC	<b>VECP3660T-4</b>	1,095	SD	16.98	104	88.5	460	3.4	1	
		182TC	TEFC	<b>VCP3660T-4</b>	960	SD	16.98	93	80	460	3.9	1	
	1800	182TC	TEFC	<b>VECP3661T</b>	1,148	SD	18.56	103	89.5	230/460	4.2	1	P18G3811
		182TC	TEFC	<b>VECP3661T-4</b>	1,148	SD	16.98	106	89.5	460	4	1	
		182TC	TEFC	<b>VCP3661T</b>	983	SD	16.98	103	87.5	208-230/460	4.1	1	
		182TC	TEFC	<b>VCP3661T-4</b>	983	SD	16.98	96	84	460	4.3	1	
	1200	213TC	TEFC	<b>VECP3764T</b>	1,652	SD	21.23	211	90.2	230/460	4.5	1	P21G3810
		213TC	TEFC	<b>VCP3764T</b>	1,365	SD	21.11	164	87.5	208-230/460	5.1	1	
5	3600	184TC	TEFC	<b>VECP3663T-4</b>	1,332	SD	16.98	112	89.5	460	5.7	1	
		184TC	TEFC	<b>VCP3663T-4</b>	1,196	SD	16.98	104	85.5	460	6	1	
	1800	184TC	TEFC	<b>VECP3665T</b>	1,168	SD	18.56	121	89.5	230/460	6.6	1	P18G3813
		184TC	TEFC	<b>VECP3665T-4</b>	1,168	SD	16.98	124	90.2	460	6.5	1	
		184TC	TEFC	<b>VCP3665T</b>	1,012	SD	16.98	107	85.5	208-230/460	6.6	1	
		184TC	TEFC	<b>VCP3665T-4</b>	1,012	SD	16.98	111	85.5	460	6.6	1	
	1200	215TC	TEFC	<b>VECP3768T</b>	1,671	SD	21.23	203	90.2	230/460	7.3	1	P21G3812
	7 1/2	3600	213TC	TEFC	<b>VECP3769T-4</b>	1,785	SD	20.06	198	91	460	8.6	1
213TC			TEFC	<b>VCP3769T-4</b>	1,551	SD	20.06	158	84	460	9.1	1	
1800		213TC	TEFC	<b>VECP3770T</b>	1,517	SD	21.23	170	91.7	230/460	9.5	1	P21G3809
		213TC	TEFC	<b>VECP3770T-4</b>	1,517	SD	20.06	203	91.7	460	9.5	1	
		213TC	TEFC	<b>VCP3770T</b>	1,393	SD	21.11	170	89.5	208-230/460	10.3	1	
		213TC	TEFC	<b>VCP3770T-4</b>	1,393	SD	20.06	173	89.5	460	10.3	1	
1200		254TC	TEFC	<b>VECP2276T</b>	2,619	SD	27.69	303	91.7	230/460	10.7	1	
		254TC	TEFC	<b>VCP2276T</b>	1,966	SD	25.88	258	89.5	230/460	10.8	1	
10	3600	215TC	TEFC	<b>VECP3771T-4</b>	1,891	SD	20.06	203	91.7	460	11.2	1	
		215TC	TEFC	<b>VCP3771T-4</b>	1,650	SD	20.06	206	85.5	460	12	1	
	1800	215TC	TEFC	<b>VECP3774T</b>	1,792	SD	21.23	231	92.4	230/460	12.5	1	P21G3811
		215TC	TEFC	<b>VECP3774T-4</b>	1,792	SD	20.06	196	92.4	460	12.5	1	
		215TC	TEFC	<b>VCP3774T</b>	1,499	SD	21.11	177	89.5	208-230/460	13	1	
		215TC	TEFC	<b>VCP3774T-4</b>	1,499	SD	20.06	194	89.5	460	13	1	
	1200	256TC	TEFC	<b>VECP2332T</b>	3,279	SD	27.69	322	91.7	230/460	14.2	1	
		256TC	TEFC	<b>VCP2332T</b>	2,616	SD	25.88	178	87.5	230/460	15	1	
15	1800	254TC	TEFC	<b>VECP2333T</b>	2,531	SD	24.56	238	92.4	230/460	18.1	1	P25G1112
		254TC	TEFC	<b>VECP2333T-4</b>	2,531	SD	24.56	310	92.4	460	18.1	1	P25G1112
	1200	284TC	TEFC	<b>VECP4100T</b>	3,866	SD	27.58	429	93	230/460	19.7	1	
		284TC	TEFC	<b>VCP4100T</b>	3,679	SD	25.85	322	90.2	230/460	21	1	
20	1800	256TC	TEFC	<b>VECP2334T</b>	2,684	SD	24.56	286	92.4	230/460	24	1	P25G1111
		256TC	TEFC	<b>VCP2334T</b>	2,432	SD	25.36	258	91	230/460	25	1	
1200	286TC	TEFC	<b>VECP4102T</b>	5,046	SD	27.58	459	93	230/460	26	1		
	286TC	TEFC	<b>VCP4102T</b>	4,195	SD	30.31	382	90.2	230/460	27	1		
25	1800	284TC	TEFC	<b>VECP4103T</b>	3,554	SD	27.58	451	93.6	230/460	30	1	P28G1053
		284TC	TEFC	<b>VCP4103T</b>	3,027	SD	25.85	320	92.4	230/460	29	1	
	1200	324TC	TEFC	<b>VECP4111T</b>	5,311	SD	32.91	610	93	230/460	32	1	
		324TC	TEFC	<b>VCP4111T</b>	5,058	SD	33.03	616	91.7	230/460	31	1	

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

■ Cast Iron Frame

General Information

Single Phase Motors

General Purpose Industrial Motors

Premium Efficient Super-E® Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Commercial Motors

HVAC Motors

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

1 thru 250 Hp

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.



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
<b>Foot Mounted</b>													
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	324TS	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	1800	324T	TEFC	ECP84110T-5	5,119	SD	30.44	608	94.1	575	38.1	1	P32G5251
	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

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

MEETS NRC CANADIAN STANDARDS FOR EFFICIENCY.

Cast Iron Frame

General Information  
Single Phase Motors  
General Purpose Industrial Motors  
Premium Efficient Super-E® Motors  
Severe Duty Motors  
Washdown Duty Motors  
Explosion Proof Motors  
Pump Motors  
Commercial Motors  
HVAC Motors

IEEE 841, Three Phase, Totally Enclosed, 575 Volts, 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
<b>Foot Mounted (continued)</b>													
60	3600	364TS	TEFC	<b>ECP84310T-5</b>	8,926	SD	31.31	910	95	575	52	1	P36G5240
	1800	364T	TEFC	<b>ECP84314T-5</b>	7,982	SD	33.44	803	95	575	54.4	1	P36G5242
	1200	404T	TEFC	<b>ECP84403T-5</b>	11,367	SD	38.31	1,220	95	575	55.2	1	P40G475
75	3600	365TS	TEFC	<b>ECP84313T-5</b>	9,887	SD	31.31	996	95	575	64.5	1	P36G5241
	1800	365T	TEFC	<b>ECP84316T-5</b>	9,283	SD	33.44	926	95.4	575	68.8	1	P36G5243
	1200	405T	TEFC	<b>ECP84404T-5</b>	13,769	SD	38.31	1,260	95	575	69.5	1	P40G476
100	3600	405TS	TEFC	<b>ECP84402T-5</b>	11,849	SD	35.31	1,284	95	575	88	1	P40G473
	1800	405T	TEFC	<b>ECP84400T-5</b>	12,391	SD	38.31	1,239	95.4	575	89.6	1	P40G474
	1200	444T	TEFC	<b>ECP84409T-5</b>	15,145	SD	44.62	1,670	95	575	92	1	P44G727
125	3600	444TS	TEFC	<b>ECP84412T-5</b>	13,857	SD	40.88	1,689	95.4	575	109	1	P44G723
	1800	444T	TEFC	<b>ECP84410T-5</b>	14,056	SD	44.62	1,642	95.8	575	111	1	P44G725
	1200	445T	TEFC	<b>ECP84411T-5</b>	17,191	SD	44.62	1,860	95.4	575	114	1	P44G728
150	3600	445TS	TEFC	<b>ECP84413T-5</b>	15,925	SD	40.88	1,845	96.2	575	131	1	P44G724
	1800	445T	TEFC	<b>ECP84406T-5</b>	16,623	SD	44.62	1,763	96.2	575	132	1	P44G726
	1200	447T	TEFC	<b>ECP844156TR-5</b>	19,108	SD	48.13	2,300	96.2	575	139	1,5	P44G733
200	3600	445TS	TEFC	<b>ECP84416T-5</b>	21,053	SD	40.88	1,952	96.2	575	177	1	P44G729
	1800	447T	TEFC	<b>ECP84407T-5</b>	19,999	SD	48.40	2,236	96.2	575	176	1	P44G5264
		447T	TEFC	<b>ECP84407TR-5</b>	19,999	SD	48.13	2,236	96.2	575	176	1,5	P44G731
250	1200	449T	TEFC	<b>ECP844206TR-5</b>	25,385	LM	53.13	2,590	96.2	575	178	1,5	P44G734
	3600	449TS	TEFC	<b>ECP844252T-5</b>	35,585	LM	49.37	2,550	96.2	575	213	1	P44G730
	1800	449T	TEFC	<b>ECP84408TR-5</b>	29,028	LM	53.13	2,727	96.2	575	217	1,5	P44G732
449T		TEFC	<b>ECP84408T-5</b>	29,028	LM	52.68	2,727	96.2	575	217	1		
<b>C-Face, Foot Mounted</b>													
2	1800	145TC	TEFC	<b>CECP83587T-5</b>	973	SD	12.88	70	86.5	575	2.2	1	P14G7761
3	1800	182TC	TEFC	<b>CECP83661T-5</b>	1,269	SD	16.38	108	89.5	575	3.04	1	P18G1185
5	1800	L184TC	TEFC	<b>CECP83665T-5</b>	1,275	SD	17.88	128	89.5	575	5.28	1	P18G1186
7 1/2	1800	213TC	TEFC	<b>CECP83770T-5</b>	1,616	SD	20.06	178	91.7	575	7.52	1	P21G1160
10	1800	L215TC	TEFC	<b>CECP83774T-5</b>	1,954	SD	20.94	196	91.7	575	9.52	1	P21G1161
15	1800	254TC	TEFC	<b>CECP82333T-5</b>	2,675	SD	25.06	255	92.4	575	14.4	1	P25G1148
20	1800	256TC	TEFC	<b>CECP82334T-5</b>	2,830	SD	25.06	286	93	575	19.2	1	P25G1149
25	1800	284TC	TEFC	<b>CECP84103T-5</b>	3,973	SD	27.44	415	93.6	575	23.7	1	P28G1079
30	1800	286TC	TEFC	<b>CECP84104T-5</b>	4,550	SD	27.44	424	93.6	575	28.8	1	P28G1080
40	1800	324TC	TEFC	<b>CECP84114T-5</b>	6,820	SD	30.44	630	94.1	575	38.1	1	P32G1060
50	1800	326TC	TEFC	<b>CECP84115T-5</b>	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

General Information  
Single Phase Motors  
General Purpose Industrial Motors  
Premium Efficient Super-E® Motors  
Severe Duty Motors  
Washdown Duty Motors  
Explosion Proof Motors  
Pump Motors  
Commercial Motors  
HVAC Motors

**661XL / IEEE 841,  
Three Phase, TEFC,  
460 Volts, Foot  
Mounted**

**5 thru 75 Hp**

**NEMA 184 thru 365T**

**Applications:** Petroleum, chemical and other industries with belt driven heat exchangers requiring premium efficient motors designed to API 661 standards of 40,000 hours bearing life.

**Features:** Severe duty design with NEMA premium efficiency. Motors meet IEEE 841 specifications for the chemical industry and incorporate roller bearings on 210 frames and larger for heavy belt loads. They have VBX / VBXX Inpro bearing isolators on both ends and a stainless drain in the lower end bracket for vertical shaft down. Shaft up requires removing plug in upper end and reversing drain. Motors have RTV sealed end bracket-to-frame fits, epoxy coated rotor and stator, alemite grease fittings with automatic grease relief fittings, lead lugs, low vibration, and quiet operation (below 90 dBA sound power). Motors are inverter ready. 5-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)	Reliance M/N
5	1800	184T	ECP63665TR-4	1,212	SD	17.12	120	89.5	460	6.6	1,5,77	P18G3452
7 1/2	1800	213T	ECP63770TR-4	1,527	SD	19.31	160	91.7	460	9.4	1,5,77	P21G3402
10	1800	L215T	ECP63774TR-4	1,808	SD	20.19	185	91.7	460	12.3	1,5,77	P21G3400
15	1800	254T	ECP62333TR-4	2,328	SD	24.56	310	92.4	460	18.1	1,5,77	P25G3409
20	1800	256T	ECP62334TR-4	2,517	SD	24.56	345	93	460	24	1,5,77	P25G3410
25	1800	284T	ECP64103TR-4	3,265	SD	27.86	425	93.6	460	29.7	1,5,77	P28G3410
30	1800	286T	ECP64104TR-4	3,844	SD	27.86	455	93.6	460	36.1	1,5,77	P28G3411
40	1800	324T	ECP64110TR-4	5,119	SD	30.44	540	94.1	460	47.7	1,5,77	P32G3418
50	1800	326T	ECP64115TR-4	6,011	SD	30.44	630	94.5	460	58.4	1,5,77	P32G3419
60	1800	364T	ECP64314TR-4	7,982	SD	33.44	850	95	460	68	1,5,77	P36G3368
75	1800	365T	ECP64316TR-4	9,283	SD	33.44	890	95.4	460	85.9	1,5,77	P36G3369

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

■ Cast Iron Frame

General Information

Single Phase Motors

General Purpose Industrial Motors

Premium Efficient Super-E® Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Commercial Motors

HVAC Motors

**Medium Voltage,  
Three Phase,  
2300/4000 Volts,  
Foot Mounted**

**200 thru 1000 Hp**

**NEMA 449TS thru 05812**

**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:** Super-E® Liberator design. Form coil VPI construction, high-pressure die cast aluminum rotor, all cast iron, NEMA Premium® efficiency three year warranty. Includes 100 ohm platinum winding RTDs and space heaters. Motors not convertible to roller bearing configuration.



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Single Phase Motors

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HVAC Motors

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>TEFC</b>											
200	3600	449TS	ECP44202T-2341	39,978	LM	48.93	2,429	94.1	2300/4160	25	1,27,64
	1800	449T	ECP44204T-2341	38,938	LM	52.65	2,349	94.1	2300/4160	26	1,27,64
250	3600	5007SY	ECP50252S-2341	63,902	LM	54.03	3,724	95	2300/4160	31	1,26,27,61,64
		G5008	ECP50252S-2340	62,902	LM	60.14	4,050	95	2300/4000	32	1,64
	1800	G5008	ECP50254L-2340	59,700	LM	60.14	4,700	95	2300/4000	33	1,27,64
	1200	G5010	ECP50256L-2340	65,480	LM	67.14	5,550	95	2300/4000	34	1,27,64
300	3600	G5008	ECP50302S-2340	64,735	LM	60.14	4,050	95.2	2300/4000	38	1,64
		5009L	ECP50304L-2341	64,207	LM	62.93	4,969	95.4	2300/4160	37	1,27,61,64
	1800	G5008	ECP50304L-2340	61,207	LM	60.14	4,700	95	2300/4000	40	1,27,64
		G5010	ECP50306L-2340	67,555	LM	67.14	5,550	95	2300/4000	40	1,27,64
350	3600	G5010	ECP50352S-2340	66,298	LM	67.14	4,650	95	2300/4000	44	1,64
		5011LY	ECP50354L-2341	65,723	LM	72.05	5,650	95.4	2300/4160	43	1,26,61,64
	1800	G5008	ECP50354L-2340	62,723	LM	60.14	4,700	95.1	2300/4000	47	1,27,64
		G5012	ECP50356L-2340	72,707	LM	75.14	6,500	95	2300/4000	46	1,27,64
400	3600	G5010	ECP50402S-2340	68,317	LM	67.14	4,650	95.1	2300/4000	51	1,64
		1800	G5008	ECP50404L-2340	64,270	LM	60.14	4,700	95.3	2300/4000	54
	1200	5011LY	ECP50406L-2341	78,262	LM	72.05	5,556	95.4	2300/4160	52	1,26,61,64
		G5012	ECP50406L-2340	75,262	LM	75.14	6,500	95.2	2300/4000	53	1,27,64
450	3600	G5010	ECP50452S-2340	69,713	LM	67.14	4,650	95.3	2300/4000	57	1,64
		5011LY	ECP50454L-2341	68,757	LM	72.05	5,650	95.4	2300/4160	56	1,26,61,64
	1800	G5010	ECP50454L-2340	65,757	LM	67.14	5,550	95.5	2300/4000	59	1,27,64
		G5012	ECP50456L-2340	79,925	LM	75.14	6,500	95.2	2300/4000	60	1,27,64
500	3600	G5010	ECP50502S-2340	75,532	LM	67.14	4,650	95.5	2300/4000	63	1,64
		1800	G5010	ECP50504L-2340	68,373	LM	67.14	5,550	95.7	2300/4000	65
	1200	G5012	ECP50506L-2340	84,340	LM	75.14	6,500	95.2	2300/4000	66	1,27,64
		G5010	ECP50602S-2340	74,102	LM	67.14	4,650	95.2	2300/4000	76	1,64
600	1800	G5012	ECP50604L-2340	72,283	LM	75.14	6,500	95.4	2300/4000	79	1,27,64
	1200	G5012	ECP50606L-2340	103,478	LM	86.07	10,000	95.4	2300/4000	79	1,27,64
		G400J	ECP40702S-2340	95,032	LM	83.31	10,000	95.6	2300/4000	89	1,64
700	1800	G5012	ECP50704L-2340	75,298	LM	75.14	6,500	95.6	2300/4000	92	1,27,64
		G400J	ECP40706L-2340	120,397	LM	86.07	10,000	95.7	2300/4000	93	1,27,64
	3600	G400J	ECP40802S-2340	102,107	LM	83.31	10,000	95.8	2300/4000	102	1,64
800	1800	G5012	ECP50804L-2340	81,172	LM	75.14	6,500	95.9	2300/4000	104	1,27,64
		G5012	ECP50904L-2340	92,048	LM	86.07	10,000	96	2300/4000	118	1,27,64
1,000	1800	G400J	ECP401004L-2340	112,488	LM	86.07	10,000	96.1	2300/4000	129	1,27,64
<b>WPII</b>											
900	3600	05810	EM25902S-2340	85,624	LM	58.50	6,700	94.5	2300/4000	120	1,27,64
1,000	3600	05808	EM251002S-2340	96,946	LM	58.50	6,700	94.4	2300/4000	135	1,27,64
1,250	3600	05810	EM251252S-2340	105,968	LM	66.50	7,700	95.7	2300/4000	160	1,64,88
		05810	EM251254L-2340	104,479	LM	63.99	8,200	95.4	2300/4000	164	1,27,64
1,500	3600	05810	EM251502S-2340	109,437	LM	66.50	7,700	95.8	2300/4000	191	1,64,88
		05812	EM251504L-2340	112,200	LM	72.99	9,500	95.7	2300/4000	191	1,27,64

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

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