

Three Phase, Totally Enclosed, C-Face, Foot Mounted

1/4 thru 100 Hp



Features:

- Locked DE bearing to allow mounting in any configuration
- 60 Hz designs with 50 Hz information on 2,4,6 Pole 1-125 Hp ratings
- Suitable for Inverter use per NEMA MG1 Part 31.4.4.2
- Simple F1 to F2 conversion on cast iron frames
- Designed for longevity with a 3 year warranty on premium efficient Super-E® Motors

Applications:

- Fans
- Pumps
- Blowers
- Conveyors
- Compressors
- Industrial Machines
- Other General Purpose Applications

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)
230/460 Volts												
1/4	1800	56C	TENV	CNM3454/35	524	K	11.06	31	80	230/460	0.4	1, 30, 48
	1200	56C	TENV	CNM3531	666	K	11.06	31	68	208-230/460	0.5	13
1/3	3600	56C	TENV	CNM3457	385	K	10.25	21	72	208-230/460	0.7	
	1800	56C	TEFC	CM3534	377	LS	11.35	21	68	230/460	0.8	13, 30
1/2	3600	56C	TEFC	CM3537	392	K	11.35	20	68	230/460	1	12, 30
	1800	56C	TEFC	CM3538	417	LS	11.35	23	74	230/460	1	12, 30
		56C	TENV	CNM3538/35	536	K	11.06	28	80	230/460	0.8	1, 30, 48
	1200	56C	TEFC	CM3539	612	K	11.35	23	72	230/460	1.2	12, 30
		56C	TENV	CNM3539	654	K	12.06	40	78.5	230/460	1	30
	3600	56C	TEFC	CM3541	428	K	11.35	22	74	230/460	1.3	12, 30
3/4	1800	56C	TEFC	CM3542	443	LS	11.35	26	75.5	208-230/460	1.5	12
		56C	TENV	CNM3542	481	K	11.06	31	78.5	230/460	1.4	30
	1200	56C	TEFC	CM3543	624	K	12.85	23	77	208-230/460	1.5	
	3600	56C	TEFC	CEM3545	669	K	12.25	33	77	230/460	1.4	1, 12, 30
1	1800	56C	TEFC	CEM3546	766	K	12.23	36	85.5	230/460	1.4	1, 30
		56C	TENV	CEM3546	766	K	11.06	38	85.5	230/460	1.5	30
		143TC	TEFC	CEM3546T	776	LS	13.29	36	85.5	230/460	1.5	1, 30
		143TC	TEFC	CEM3581T	978	L1	13.03	54	85.5	230/460	1.5	1, 30
	1200	56C	TEFC	CEM3556	874	K	13.23	41	82.5	230/460	1.8	30
		143TC	TEFC	CEM3556T	884	L1	13.29	43	82.5	230/460	1.8	1, 30
	3600	56C	TEFC	CEM3550	754	K	13.25	37	84	230/460	1.9	1, 30
		143TC	TEFC	CEM3550T	764	L1	13.29	40	84	230/460	1.9	1, 30
1 1/2	3600	143TC	TEFC	CEM3583T	1,031	L1	13.05	55	85.5	230/460	2	1, 30
		56C	TEFC	CEM3554	848	K	13.23	45	86.5	230/460	2.2	1, 30
		145TC	TEFC	CEM3554T	858	LS	13.29	42	86.5	230/460	2.2	1, 30
	1800	145TC	TEFC	CEM3584T	1,012	L1	13.03	60	86.5	230/460	2.3	1, 30
		182TC	TEFC	CEM3607T	1,061	L1	16.55	77	87.5	230/460	2.4	1, 30
		56C	TEFC	CEM3555	823	K	13.25	46	85.5	230/460	2.5	1, 30
		145TC	TEFC	CEM3555T	833	L1	13.29	44	85.5	230/460	2.5	1, 30
	1200	145TC	TEFC	CEM3586T	1,079	L1	13.03	60	85.5	230/460	2.5	1, 30
		56C	TEFC	CEM3558	895	K	13.23	46	86.5	230/460	2.9	1, 30
		145TC	TEFC	CEM3558T	905	LS	14.17	46	86.5	230/460	2.9	1, 30
2	3600	145TC	TEFC	CEM3587T	1,058	L1	13.03	62	86.5	230/460	2.9	1, 30
		184TC	TEFC	CEM3614T	1,109	L1	18.05	97	88.5	230/460	3.5	1, 30
		184TC	TEFC	CEM3664T	1,336	L1	16.00	115	88.5	230/460	3.2	1, 30
		56C	TEFC	CEM3559	899	K	14.12	50	86.5	230/460	3.6	1, 30
	1800	145TC	TEFC	CEM3559T	909	L1	14.17	52	86.5	230/460	3.6	1, 30
		182TC	TEFC	CEM3610T	954	L1	15.18	50	86.5	230/460	3.6	1, 30
		182TC	TEFC	CEM3660T	1,195	L1	16.00	90	86.5	230/460	3.8	1, 30
		182TC	TEFC	CEM3611T	962	LS	16.55	75	89.5	230/460	4.2	1, 30
	1200	182TC	TEFC	CEM3661T	1,226	L1	16.00	104	89.5	230/460	4.1	1, 30
		213TC	TEFC	CEM3704T	1,488	L1	19.76	141	89.5	230/460	4.6	1, 30
3	1200	213TC	TEFC	CEM3764T	1,737	L1	19.20	173	89.5	230/460	4.5	1, 30

(a) See notes on inside back flap.

Cast Iron Frame

Red Catalog Number indicates NEW Product.

BALDOR • RELIANCE**General Purpose Industrial Motors****Three Phase, Totally Enclosed, C-Face, 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)
5	3600	184TC	TEFC	CEM3613T	1,050	L1	16.55	78	88.5	230/460	5.9	1, 30
		184TC	TEFC	CEM3663T	1,448	L1	16.00	99	88.5	230/460	5.8	1, 30
	1800	184TC	TEFC	CEM3615T	991	LS	18.05	93	89.5	230/460	6.7	1, 30
		184TC	TEFC	CEM3665T	1,252	L1	16.00	114	89.5	230/460	6.6	1, 30
	1200	215TC	TEFC	CEM3708T	1,663	L1	20.51	161	89.5	230/460	7.3	1, 30
		215TC	TEFC	CEM3768T	1,984	L1	19.20	190	89.5	230/460	7.4	1, 30
7 1/2	3600	184TC	TEFC	CEM3616T	1,362	L1	18.05	101	89.5	230/460	8.4	1, 30
		213TC	TEFC	CEM3709T	1,604	L1	18.63	120	89.5	230/460	9	1, 30
		213TC	TEFC	CEM3769T	1,757	L1	19.20	155	89.5	230/460	9	1, 30
	1800	213TC	TEFC	CEM3710T	1,465	LS	19.76	134	91.7	230/460	9.4	1, 30
		213TC	TEFC	CEM3770T	1,700	L1	19.20	170	91.7	230/460	9.5	1, 30
	10	3600	215TC	TEFC	CEM3711T	1,624	L1	18.63	121	90.2	230/460	11.8
215TC			TEFC	CEM3771T	2,026	L1	19.20	182	90.2	230/460	11.8	1, 30
1800		215TC	TEFC	CEM3714T	1,636	LS	21.26	165	91.7	230/460	12	1, 30
		215TC	TEFC	CEM3774T	1,883	L1	19.20	195	91.7	230/460	12.2	1, 30
15	3600	215TC	TEFC	CEM3713T	2,234	L1	21.26	182	91	230/460	17	1, 30
		254TC	TEFC	CEM2394T	3,103	L1	23.78	250	91	230/460	17.5	1, 30
	1800	254TC	TEFC	CEM2333T	2,889	LS	23.78	269	92.4	230/460	18.1	1, 30
20	3600	256TC	TEFC	CEM4106T	3,349	L1	23.78	265	91	230/460	23	1, 30
	1800	256TC	TEFC	CEM2334T	3,379	L1	23.78	298	93	230/460	24	1, 30
25	3600	284TSC	TEFC	CEM4107T	4,383	L1	24.71	346	91.7	230/460	29	1, 30
	1800	284TC	TEFC	CEM4103T	4,431	L1	27.76	400	93.6	230/460	30	1, 30
30	3600	286TSC	TEFC	CEM4108T	5,062	L1	26.39	389	91.7	230/460	33	1, 30
	1800	286TC	TEFC	CEM4104T	5,112	L1	27.76	425	93.6	230/460	38	1, 30
40	3600	324TSC	TEFC	CEM4109T	6,770	L1	28.78	600	92.4	230/460	46	1, 30
	1800	324TC	TEFC	CEM4110T	6,566	L1	30.28	590	94.1	230/460	48	1, 30
50	3600	326TSC	TEFC	CEM4114T	7,322	L1	28.78	591	93	230/460	56	1, 30
	1800	326TC	TEFC	CEM4115T	7,092	L1	30.28	585	94.5	230/460	58	1, 30
60	3600	364TSC	TEFC	CEM4310T	10,003	L1	31.31	830	93.6	230/460	67.3	1, 30
	1800	364TC	TEFC	CEM4314T	9,890	L1	33.44	915	95	230/460	68	1, 30
75	3600	365TSC	TEFC	CEM4313T	11,478	L1	31.31	905	93.6	230/460	83.4	1, 30
	1800	365TC	TEFC	CEM4316T	11,400	L1	33.44	907	95.4	230/460	84.9	1, 30
100	1800	405TC	TEFC	CEM4400T	14,166	L1	38.32	1360	95.4	230/460	112	1, 30
200 Volts												
1/2	1800	56C	TEFC	CM3538-8	473	K	11.35	23	74	200	2.2	12
1	1800	56C	TEFC	CEM3546-8	766	K	12.23	38	85.5	200	3.5	
575 Volts												
1/3	1800	56C	TEFC	CM3534-5	377	LS	11.35	21	68	575	0.6	13
1/2	1800	56C	TEFC	CM3538-5	417	LS	11.35	23	74	575	0.8	12
3/4	1800	56C	TEFC	CM3542-5	443	LS	11.35	26	75.5	575	1.2	12
1	1800	56C	TEFC	CEM3546-5	766	K	12.23	38	85.5	575	1.2	1
		143TC	TEFC	CEM3546T-5	776	LS	13.29	37	85.5	575	1.2	1
		143TC	TEFC	CEM3581T-5	978	L1	13.03	54	85.5	575	1.2	1
1 1/2	3600	143TC	TEFC	CEM3583T-5	1,031	L1	13.03	54	84	575	1.5	1
		56C	TEFC	CEM3554-5	848	K	13.23	41	86.5	575	1.8	1
	1800	145TC	TEFC	CEM3554T-5	858	LS	13.29	42	86.5	575	1.8	1
		145TC	TEFC	CEM3584T-5	1,012	L1	13.03	63	86.5	575	1.8	1
2	3600	145TC	TEFC	CEM3586T-5	1,079	L1	13.05	60	86.5	575	2	1
		56C	TEFC	CEM3558-5	895	K	13.23	45	86.5	575	2.3	1
	1800	145TC	TEFC	CEM3558T-5	905	LS	13.29	47	86.5	575	2.3	1
		145TC	TEFC	CEM3587T-5	1,058	L1	13.03	61	86.5	575	2.3	1
3	3600	145TC	TEFC	CEM3559T-5	909	L1	14.17	52	86.5	575	2.9	1
		182TC	TEFC	CEM3610T-5	954	L1	16.53	58	86.5	575	2.9	1
		182TC	TEFC	CEM3660T-5	1,195	L1	16.00	89	86.5	575	3	1
	1800	182TC	TEFC	CEM3611T-5	962	LS	16.55	75	89.5	575	3.3	1
182TC		TEFC	CEM3661T-5	1,226	L1	16.00	102	89.5	575	3.3	1	

(a) See notes on inside back flap.

Cast Iron Frame

Red Catalog Number indicates **NEW** Product.

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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)
5	3600	184TC	TEFC	CEM3613T-5	1,050	L1	16.55	78	88.5	575	4.7	1
		184TC	TEFC	CEM3663T-5	1,448	L1	16.00	99	88.5	575	4.7	1
	1800	184TC	TEFC	CEM3615T-5	991	LS	18.05	93	89.5	575	5.3	1
		184TC	TEFC	CEM3665T-5	1,252	L1	16.00	113	89.5	575	5.3	1
7 1/2	3600	213TC	TEFC	CEM3769T-5	1,757	L1	19.20	179	89.5	575	7.4	1
	1800	213TC	TEFC	CEM3710T-5	1,465	LS	19.76	129	91.7	575	7.6	1
		213TC	TEFC	CEM3770T-5	1,700	L1	19.20	170	91.7	575	7.5	1
10	3600	215TC	TEFC	CEM3711T-5	1,624	L1	18.63	123	90.2	575	9.5	1
		215TC	TEFC	CEM3771T-5	2,026	L1	19.20	182	90.2	575	9.3	1
	1800	215TC	TEFC	CEM3714T-5	1,636	LS	21.26	165	91.7	575	9.6	1
		215TC	TEFC	CEM3774T-5	1,883	L1	19.20	231	91.7	575	9.8	1
15	3600	215TC	TEFC	CEM3713T-5	2,234	L1	21.26	169	91	575	13.6	1
	1800	254TC	TEFC	CEM2333T-5	2,889	LS	23.78	263	92.4	575	14.6	1
20	1800	256TC	TEFC	CEM2334T-5	3,379	L1	23.78	289	93	575	19.2	1
25	1800	284TC	TEFC	CEM4103T-5	4,431	L1	27.76	401	93.6	575	24	1
30	1800	286TC	TEFC	CEM4104T-5	5,112	L1	27.76	449	93.6	575	31	1

^(a) See notes on inside back flap.

■ Cast Iron Frame

Custom induction motors available up to 30,000 Hp. Contact your Baldor•Reliance sales representative for additional information.

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

HVAC Motors

Farm Duty Motors