

Single Phase, TEFC, C-Face

1/6 thru 10 Hp



Features:

- Locked DE bearing to allow mounting in any configuration
- Low noise vibration dampening base
- Dynamically balanced rotor to increase bearing life
- Superior switch design provides optimized torque profiles
- Robust heavy gauge steel design

Applications:

- Gear Reducers
- Material Handling
- Machine Tools
- Conveyors
- Pumps
- Fans

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
C-Face, Foot Mounted											
1/4	1800	56C	CL3403	363	K	11.35	20	55	115/230	2.5	3
1/3	3600	56C	CL3405	362	K	11.35	21	55	115/208-230	3	3
	1800	56C	CL3501	379	K	11.35	23	60	115/230	3	3, 30
1/2	3600	56C	CL3503	380	K	11.35	23	66	115/230	3.5	3, 30
	1800	56C	CL3504	443	K	11.35	28	68	115/230	3.7	3, 30
3/4	3600	56C	CL3506	423	K	11.97	29	66	115/230	4.8	3, 30
	1800	56C	CL3507	529	K	12.47	34	72	115/230	4.2	30, 65
1	3600	56C	CL3509	489	K	12.25	36	68	115/230	5.9	3, 30
	1800	56C	CL3510	597	K	13.25	40	68	115/230	6.4	3, 30
1 1/2	3600	56C	CL3513	633	K	13.25	46	70	115/230	7.5	3, 30
	1800	56C	CL3514	708	K	14.12	51	80	115/230	6.2	30, 65
2	3600	56C	CL3515	816	K	14.12	50	74	115/230	11.5	1, 3, 30
		145TC	CL3515T	823	L1	14.19	53	74	115/230	11.5	1, 3, 30
3	1800	145TC	CL3516TM	1,052	L1	14.16	53	82.5	208-230	7.9	1
		184TC	CL3619TM	1,368	L1	16.54	81	81.5	230	13.2	2, 20
5	3600	184TC	CL3608TM	1,482	L1	18.05	92	83	230	19.5	2, 20
		1800	184TC	CL3612TM	1,434	L1	18.05	102	80	230	23
10	3600	215TC	CL3711T	2,409	L1	19.75	167	82	230	40	2, 20
		1800	215TC	CL3712T	2,438	L1	21.25	171	86.5	230	38
C-Face, Footless											
1/6	1800	56C	KL3400	353	K	11.35	19	49	115/230	1.9	3, 30
	1200	56C	KL3401	494	K	11.35	24	47	115/230	2.3	3, 30
1/4	1800	56C	KL3403	363	K	11.35	20	55	115/230	2.5	3, 30
	3600	56C	KL3405	335	K	11.35	24	55	115/208-230	3	3
1/3	1800	56C	VL3501	372	K	11.35	22	60	115/230	3	3, 30
	3600	56C	VL3503	376	K	11.35	23	66	115/230	3.5	3, 30
1/2	1800	56C	VL3504	435	K	11.35	27	68	110/220	3.7	3, 30
	1200	56C	VL3505	805	K	13.25	43	62.5	115/230	3.9	3, 30
3/4	3600	56C	VL3506	418	K	11.97	29	66	115/230	4.8	3, 30
		56C	VL3506A	462	K	11.97	28	66	115/230	4.8	3
1	1800	56C	VL3507	498	K	12.47	33	72	115/230	4.2	1, 30, 65
		56C	VL3508	926	K	13.25	44	73.5	115/230	3.9	2, 30, 65
1	3600	56C	VL3509	481	K	12.25	36	68	115/230	5.9	3, 30
		56C	VL3509A	526	K	13.25	41	66	110/220	6	3
1 1/2	3600	56C	VL3510	571	K	13.25	40	68	115/230	6.4	3, 30
		143TC	VL3510T	571	L1	13.29	44	68	115/230	6.4	3, 30
2	1800	56C	VL3513	626	K	13.25	40	70	115/230	8	3, 30
		143TC	VL3513T	665	L1	13.31	41	70	115/230	8	3, 30
2	3600	56C	VL3514	647	K	14.12	48	80	115/230	6.2	30, 65
		145TC	VL3514T	654	L1	14.17	50	80	115/230	6.2	30, 65
3	1800	56C	VL3515	801	K	14.12	50	74	115/230	11.5	1, 3, 30
		145TC	VL3515T	816	L1	14.19	51	74	115/230	11.5	1, 3, 30
3	3600	182TC	VL3605T	1,157	L1	16.55	66	75.5	115/230	11.5	3, 30
		182TC	VL3606T	1,291	L1	16.55	73	76	115/230	14.5	1, 3, 30
3	1800	184TC	VL3609T	1,366	L1	16.55	79	78	115/230	14	2, 20, 30, 65

(a) See notes on inside back flap..

Three Phase, Totally Enclosed, C-Face, Footless

1/4 thru 30 Hp

NEMA 56C thru 286TC



Applications: Pumps, fans, conveyors, machine tools, gear reducers and other applications requiring a NEMA C-face motor.

Features: Ball bearings with a locked drive end bearing and heavy-gauge steel or cast iron frame. 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)
1/4	1800	56C	TENV	KENM3454	513	K	11.06	26	80	230/460	0.4	30
		56C	TEFC	KM3454	329	K	11.35	19	64	230/460	0.65	12, 30
		56C	TENV	KNM3454	348	K	10.25	18	64	208-230/460	0.65	2, 20
1/4	1200	56C	TEFC	VM3531	503	K	11.35	20	68	230/460	0.7	13, 30
		56C	TENV	KM3457	336	K	10.25	20	72	230/460	0.7	13, 30
		56C	TENV	KNM3457/35	541	K	11.07	29	78.5	230/460	0.5	1, 13, 30, 48
1/3	1800	56C	TENV	KENM3534	566	K	11.06	33	80	230/460	0.55	1, 30, 48
		56C	TENV	KNM3534	385	K	10.25	23	70	208-230/460	0.7	2
		56C	TEFC	VM3534	356	LS	11.35	21	68	230/460	0.8	13, 30
	1200	56C	TENV	KENM3535	832	K	11.07	35	81.5	230/460	0.6	1, 30, 48
		56C	TEFC	VM3535	565	K	11.35	22	70	230/460	0.9	13, 30
		56C	TEFC	VM3537	386	K	11.35	20	68	230/460	1	12, 30
1/2	3600	56C	TENV	VNM3537	543	K	11.07	32	77	230/460	0.8	1, 12, 48
		56C	TEFC	VM3537	386	K	11.35	20	68	230/460	1	12, 30
		56C	TEFC	VEM3538	695	LS	12.23	31	82.5	230/460	0.77	1, 12, 30, 48
	1800	56C	TENV	VENM3538	641	K	11.06	32	84	230/460	0.9	30
		56C	TEFC	VM3538	408	LS	11.35	23	74	230/460	1	12, 30
		56C	TENV	VNM3538	444	K	10.25	22	74	208-230/460	1	2, 20
1200	56C	TEFC	VM3539	606	K	11.35	24	72	230/460	1.2	12, 30	
3/4	3600	56C	TEFC	VM3541	422	K	11.35	21	74	230/460	1.3	12, 30
		56C	TENV	VNM3541	580	K	11.07	36	84	208-230/460	1	12, 48
		56C	TEFC	VEM3542	738	LS	12.23	35	84	230/460	1.14	1, 12
	1800	56C	TENV	VENM3542	700	L1	11.07	33	84	230/460	1.14	1, 30, 48
		56C	TEFC	VM3542	434	LS	11.35	26	75.5	208-230/460	1.5	12
		56C	TENV	VNM3542	450	K	11.75	31	75	230/460	1.3	12, 30
1200	56C	TEFC	VM3543	620	K	12.85	32	77	208-230/460	1.5		
1	3600	143TC	TEFC	VM3543T	620	L1	13.41	33	77	208-230/460	1.5	
		56C	TEFC	VEM3545	663	K	12.24	32	77	230/460	1.4	1, 12, 30
	1800	56C	TEFC	VM3545	494	K	11.35	23	75.5	230/460	1.8	12, 30
		56C	TEFC	VEM3546	760	LS	12.23	36	85.5	208-230/460	1.5	1
		56C	TEFC	VEM3581	968	K	12.47	52	85.5	208-230/460	1.5	1
		56C	TEFC	VM3546	453	LS	12.00	31	78.5	208-230/460	1.7	
		56C	TENV	VNM3546	531	K	12.06	40	85.5	208-230/460	1.45	1, 48
		143TC	TEFC	VEM3546T	775	LS	12.29	36	85.5	208-230/460	1.5	1
		143TC	TEFC	VEM3581T	968	L1	13.03	54	85.5	208-230/460	1.5	1
		143TC	TENV	VENM3546T	706	L1	12.12	40	85.5	208-230/460	1.45	1, 48
	143TC	TENV	VENM3581T	1,011	L1	11.36	56	85.5	208-230/460	1.45	1, 48	
	143TC	TEFC	VM3546T	551	LS	12.29	34	82.5	208-230/460	1.56		
1200	56C	TEFC	VEM3556	861	K	13.23	43	82.5	208-230/460	1.8	1	
	56C	TEFC	VM3556	632	K	12.23	36	78.5	208-230/460	1.9		
	145TC	TEFC	VM3556T	742	L1	13.39	41	80	208-230/460	1.82		
1 1/2	3600	56C	TEFC	VEM3550	699	K	12.24	35	84	208-230/460	1.9	1
		56C	TEFC	VM3550	537	K	11.97	30	80	208-230/460	2.3	
		143TC	TEFC	VM3550T	623	L1	12.29	37	82.5	208-230/460	2.1	
	1800	56C	TEFC	VEM3554	845	LS	13.23	42	86.5	208-230/460	2.2	1
		56C	TEFC	VM3554	509	LS	12.23	36	81.5	208-230/460	2.3	
		145TC	TEFC	VEM3554T	809	LS	13.29	41	86.5	208-230/460	2.2	1
		145TC	TEFC	VEM3584T	970	L1	13.03	60	86.5	208-230/460	2.3	1
		145TC	TEFC	VM3554T	561	LS	13.29	38	84	208-230/460	2.4	
	1200	56C	TEFC	VM3557	722	K	14.10	48	80	208-230/460	2.45	2, 20
		145TC	TEFC	VM3557T	775	L1	15.56	63	85.5	208-230/460	2.7	2, 20

(a) See notes on inside back flap. Cast Iron Frame

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

Three Phase, Totally Enclosed, C-Face, Footless

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)
2	3600	56C	TEFC	VEM3555	767	K	13.24	43	85.5	208-230/460	2.5	1
		56C	TEFC	VM3555	598	K	12.85	33	80	208-230/460	2.9	
		143TC	TEFC	VM3555T	710	L1	13.29	43	84	208-230/460	2.6	
	1800	56C	TEFC	VEM3558	891	LS	13.23	46	86.5	208-230/460	2.9	1
		56C	TEFC	VM3558	546	LS	13.23	41	82.5	208-230/460	3	
		145TC	TEFC	VEM3558T	832	LS	13.29	47	86.5	208-230/460	2.9	1
		145TC	TEFC	VEM3587T	1,045	L1	13.03	59	86.5	208-230/460	2.9	1
		145TC	TEFC	VM3558T	589	LS	13.29	41	84	208-230/460	3.1	
1200	184TC	TEFC	VM3614T	938	L1	16.55	75	86.5	208-230/460	3.4		
	184TC	TEFC	VM3664T	1,213	L1	15.98	100	86.5	208-230/460	3.3	1	
3	3600	56C	TEFC	VM3559	693	K	13.23	46	82.5	208-230/460	3.8	1
		145TC	TEFC	VM3559T	810	L1	14.17	48	85.5	208-230/460	3.7	1
		182TC	TEFC	VEM3610T	938	L1	15.18	50	86.5	208-230/460	3.6	1
		182TC	TEFC	VM3610T	887	L1	15.18	53	85.5	208-230/460	3.7	1
	1800	56C	TEFC	VM3561	726	K	14.10	51	85.5	208-230/460	4.1	1
		145TC	TEFC	VM3561T	784	L1	15.56	60	87.5	208-230/460	4.2	1
		182TC	TEFC	VEM3611T	958	LS	16.55	73	89.5	208-230/460	4.2	1
		182TC	TEFC	VEM3661T	1,209	L1	16.00	98	89.5	208-230/460	4.1	1
		182TC	TEFC	VM3611T	711	LS	16.55	63	87.5	208-230/460	4.2	1
	1200	182TC	TEFC	VM3661T	1,146	L1	15.98	96	87.5	208-230/460	4.4	1
		213TC	TEFC	VM3704T	1,230	L1	18.63	109	87.5	208-230/460	4.6	1
		184TC	TEFC	VEM3613T	1,035	L1	16.55	75	88.5	230/460	5.9	1
5	3600	184TC	TEFC	VM3613T	1,010	L1	16.55	70	87.5	208-230/460	5.8	1
		184TC	TEFC	VM3663T	1,389	L1	15.99	90	87.5	208-230/460	5.9	1
		184TC	TEFC	VEM3615T	1,051	LS	18.05	88	89.5	208-230/460	6.7	1
	1800	184TC	TEFC	VEM3665T	1,237	L1	16.00	109	89.5	208-230/460	6.6	1
		184TC	TEFC	VM3615T	814	LS	16.55	77	87.5	208-230/460	6.8	1
		184TC	TEFC	VM3665T	1,163	L1	15.98	100	87.5	208-230/460	6.9	1
		1200	215TC	TEFC	VM3708T	1,455	L1	19.76	129	87.5	208-230/460	7.5
7 1/2	3600	184TC	TEFC	VM3616T	1,215	L1	18.05	88	88.5	208-230/460	8.7	2, 20
		213TC	TEFC	VM3709T	1,527	L1	18.56	93	88.5	208-230/460	8.7	1
	1800	213TC	TEFC	VEM3710T	1,438	L1	19.76	129	91.7	208-230/460	9.4	1
		213TC	TEFC	VEM3770T	1,680	L1	19.20	170	91.7	230/460	9.5	1, 30
		213TC	TEFC	VM3710T	1,086	LS	18.63	114	89.5	208-230/460	10.1	1
		213TC	TEFC	VM3770T	1,609	L1	19.25	164	89.5	208-230/460	10.3	1
10	3600	215TC	TEFC	VM3711T	1,588	L1	18.63	114	89.5	208-230/460	12	1
		215TC	TEFC	VEM3714T	1,607	L1	21.26	165	91.7	208-230/460	12	1
	1800	215TC	TEFC	VEM3774T	1,864	L1	19.20	197	91.7	230/460	12.2	1, 30
		215TC	TEFC	VM3714T	1,293	LS	19.76	131	89.5	208-230/460	13.5	1, 20
		215TC	TEFC	VM3774T	1,717	L1	19.25	169	89.5	208-230/460	13	1
1200	256TC	TEFC	VM2332T	2,685	L1	23.80	283	89.5	230/460	14.4	1, 30	
15	3600	215TC	TEFC	VM3713T	1,983	L1	20.51	160	90.2	208-230/460	17.3	2, 20
		254TC	TEFC	VM2394T	2,779	L1	20.32	225	90.2	208-230/460	17.2	1
	1800	254TC	TEFC	VM2333T	2,515	LS	23.32	236	91	208-230/460	18.5	1
20	3600	256TC	TEFC	VM4106T	3,009	L1	23.32	255	90.2	208-230/460	23	1
	1800	256TC	TEFC	VM2334T	2,944	LS	23.32	240	91	230/460	25	1, 30
25	3600	284TSC	TEFC	VM4107T	3,862	L1	22.40	300	91	230/460	28	1, 30
	1800	284TC	TEFC	VM4103T	3,693	LS	23.65	322	92.4	230/460	30	1, 30
30	3600	286TSC	TEFC	VM4108T	4,139	L1	22.40	313	91	208-230/460	34	1
	1800	286TC	TEFC	VM4104T	3,765	LS	27.76	418	92.4	230/460	37	1, 30

(a) See notes on inside back flap.

■ Cast Iron Frame

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