

**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. VEM Super-E® motors have NEMA Premium® efficiency and 3 year warranty.



Hp	RPM	NEMA Frame	Encl.	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	EISA Status (a)	Notes (a)
1/4	1800	56C	TENV	KENM3454	452	K	11.07	30	80	230/460	0.4	C	30
		56C	TEFC	KM3454	290	K	11.35	19	64	230/460	0.7	C	30
		56C	TENV	KNM3454	306	K	10.25	19	64	208-230/460	0.7	C	2, 20
1/4	1200	56C	TEFC	VM3531	443	K	11.35	19	68	230/460	0.7	C	30
		56C	TENV	KM3457	296	K	10.25	20	72	230/460	0.7	C	30
		56C	TENV	KNM3457/35	477	K	11.07	29	78.5	230/460	0.5	C	1, 30, 48
1/3	1800	56C	TENV	KENM3534	499	K	11.07	31	80	230/460	0.6	C	1, 30, 48
		56C	TENV	KNM3534	339	K	10.25	22	70	208-230/460	0.7	C	1, 48
		56C	TEFC	VM3534	314	LS	11.35	22	68	230/460	0.8	C	30
	1200	56C	TENV	KENM3535	733	K	11.07	35	81.5	230/460	0.6	C	1, 30, 48
		56C	TEFC	VM3535	498	K	11.35	21	70	230/460	0.9	C	30
		56C	TEFC	VM3537	340	K	11.35	19	68	230/460	1	C	30
1/2	3600	56C	TENV	VNM3537	478	K	11.07	32	77	230/460	0.8	C	1, 48
		56C	TEFC	VEM3538	614	LS	12.24	31	82.5	230/460	0.8	C	1, 30, 48
		56C	TENV	VENM3538	565	K	11.07	32	82.5	230/460	0.8	C	30
	1800	56C	TEFC	VM3538	360	LS	11.35	23	74	230/460	1	C	30
		56C	TENV	VNM3538	391	K	10.25	22	74	208-230/460	1	C	2, 20
		56C	TEFC	VM3539	534	K	11.35	23	72	230/460	1.2	C	30
3/4	3600	56C	TEFC	VM3541	372	K	11.35	21	74	230/460	1.3	C	30
		56C	TENV	VNM3541	511	K	11.07	38	84	230/460	1	C	1, 30, 48
		56C	TEFC	VEM3542	652	LS	12.24	34	84	230/460	1.1	C	1
	1800	56C	TENV	VENM3542	617	L1	11.07	33	84	230/460	1.1	C	1, 30, 48
		56C	TEFC	VM3542	383	LS	11.35	25	75.5	208-230/460	1.5	C	
		56C	TENV	VNM3542	396	K	11.75	30	75	230/460	1.3	C	30
1200	56C	TEFC	VM3543	546	K	12.85	32	77	208-230/460	1.5	C		
	143TC	TEFC	VM3543T	546	L1	13.41	33	77	208-230/460	1.5	C		
1	3600	56C	TEFC	VEM3545	584	K	12.24	32	84	230/460	1.4	C	1, 30
		56C	TEFC	VM3545	435	K	11.35	23	75.5	230/460	1.8	C	30
		56C	TEFC	VEM3546	671	LS	13.24	39	85.5	208-230/460	1.5	C	1
	1800	56C	TEFC	VEM3581	853	K	12.49	58	85.5	208-230/460	1.5	C	1
		56C	TEFC	VM3546	400	LS	12.00	30	78.5	208-230/460	1.7	C	
		56C	TENV	VNM3546	468	K	12.07	39	85.5	208-230/460	1.4	C	1, 48
		143TC	TEFC	VEM3546T	684	LS	13.31	42	85.5	208-230/460	1.5	B	1
		143TC	TEFC	VEM3581T	853	L1	13.03	55	85.5	208-230/460	1.5	B	1
		143TC	TENV	VENM3546T	622	L1	12.12	43	85.5	208-230/460	1.4	C	1, 48
		143TC	TENV	VENM3581T	891	L1	11.36	55	85.5	208-230/460	1.4	C	1, 48
		143TC	TEFC	VM3546T	486	LS	12.06	31	82.5	208-230/460	1.7	B	
		182C	TEFC	VM3603	826	L1	12.31	30	82.5	208-230/460	1.6	B	
	1200	56C	TEFC	VEM3556	759	K	13.24	43	82.5	208-230/460	1.8	C	1
		56C	TEFC	VM3556	557	K	13.23	37	75.5	208-230/460	1.7	C	
		145TC	TEFC	VM3556T	654	L1	13.31	40	80	208-230/460	1.7	B	

(a) See notes on inside back flap.

■ Cast Iron Frame

General Information

Premium Efficient Super-E® Motors

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

Three Phase, Totally Enclosed, C-Face, Footless

Hp	RPM	NEMA Frame	Encl.	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	EISA Status (a)	Notes (a)
1 1/2	3600	56C	TEFC	VEM3550	616	K	13.24	41	84	208-230/460	2	C	1
		56C	TEFC	VM3550	473	K	11.97	28	80	208-230/460	2.3	C	
		143TC	TEFC	VM3550T	549	L1	12.04	30	82.5	208-230/460	2.3	B	
	1800	56C	TEFC	VEM3554	746	LS	14.12	48	86.5	230/460	2.1	C	1, 30
		56C	TEFC	VM3554	449	LS	12.23	34	78.5	208-230/460	2.5	C	
		145TC	TEFC	VEM3554T	714	LS	14.19	49	86.5	208-230/460	2.1	B	1
		145TC	TEFC	VEM3584T	855	L1	13.03	61	86.5	208-230/460	2.1	B	1
		145TC	TEFC	VM3554T	495	LS	12.31	34	84	208-230/460	2.5	B	
		184C	TEFC	VM3606	878	L1	13.31	34	84	208-230/460	2.4	B	
	1200	56C	TEFC	VM3557	636	K	13.23	40	75.5	230/460	2.5	C	2, 20
		145TC	TEFC	VM3557T	683	L1	13.31	39	85.5	230/460	2.5	B	2, 20, 30
		184C	TEFC	VM3607	985	L1	13.31	42	85.5	230/460	2.5	B	30
2	3600	56C	TEFC	VEM3555	676	K	14.12	49	85.5	208-230/460	2.5	C	1
		56C	TEFC	VM3555	527	K	12.85	33	80	208-230/460	2.9	C	
		143TC	TEFC	VM3555T	626	L1	12.92	34	84	208-230/460	2.9	B	
	1800	56C	TEFC	VEM3558	787	LS	14.12	49	86.5	208-230/460	2.7	C	1
		56C	TEFC	VM3558	482	LS	13.23	44	82.5	208-230/460	3.1	C	
		145TC	TEFC	VEM3558T	801	LS	14.17	47	86.5	208-230/460	2.6	B	
		145TC	TEFC	VEM3587T	921	L1	13.03	64	86.5	208-230/460	2.8	B	1
		145TC	TEFC	VM3558T	520	LS	13.31	42	84	208-230/460	3.1	B	
		184C	TEFC	VM3609	912	L1	13.31	41	84	208-230/460	3.1	B	
	1200	184C	TEFC	VM3614	1,030	L1	15.68	63	86.5	208-230/460	3.3	B	
		184TC	TEFC	VM3614T	827	L1	16.55	65	86.5	208-230/460	3.3	B	
		184TC	TEFC	VM3664T	1,069	L1	15.99	99	86.5	230/460	3.5	B	1, 30
3	3600	56C	TEFC	VM3559	611	K	13.23	44	82.5	208-230/460	3.8	C	1
		145TC	TEFC	VM3559T	714	L1	13.31	45	85.5	208-230/460	3.8	B	1
		182TC	TEFC	VEM3610T	827	L1	15.18	67	86.5	230/460	3.7	B	
		182TC	TEFC	VM3610T	782	L1	14.30	50	85.5	208-230/460	3.8	B	1
	1800	184C	TEFC	VM3610	887	L1	14.19	46	85.5	208-230/460	3.7	B	1
		56C	TEFC	VM3561	640	K	14.10	49	84	208-230/460	4.1	C	1
		145TC	TEFC	VM3561T	691	L1	15.56	59	87.5	208-230/460	4.2	B	1
		182TC	TEFC	VEM3611T	908	L1	16.55	71	89.5	208-230/460	4.1	B	
		182TC	TEFC	VEM3661T	1,066	L1	16.00	97	89.5	230/460	4	B	1, 30
		182TC	TEFC	VM3611T	628	LS	15.18	56	87.5	208-230/460	4.1	B	1
		182TC	TEFC	VM3661T	1,010	L1	15.99	95	87.5	208-230/460	4.1	B	1, 30
		184C	TEFC	VM3611	942	L1	15.56	52	87.5	208-230/460	4.2	B	1
1200	213C	TEFC	VM3703	1,001	L1	15.30	61	87.5	208-230/460	4.3	B	1	
	213TC	TEFC	VM3704T	1,084	L1	17.01	96	87.5	208-230/460	4.8	B	1	
	215C	TEFC	VM3704	1,209	L1	16.64	86	87.5	208-230/460	4.8	B	1	
5	3600	184TC	TEFC	VEM3613T	912	L1	16.55	78	88.5	230/460	5.6	B	
		184C	TEFC	VM3613	846	L1	15.68	67	87.5	208-230/460	6	B	1
		184TC	TEFC	VM3613T	890	L1	16.55	69	87.5	208-230/460	6	B	1
		184TC	TEFC	VM3663T	1,224	L1	15.99	93	87.5	208-230/460	5.9	B	1
	1800	184TC	TEFC	VEM3615T	990	L1	18.05	94	89.5	230/460	6.5	B	30
		184TC	TEFC	VEM3665T	1,090	L1	16.00	126	89.5	208-230/460	6.5	B	1
		184C	TEFC	VM3615	1,076	L1	15.68	73	87.5	208-230/460	6.6	B	1
		184TC	TEFC	VM3615T	719	LS	16.55	75	87.5	208-230/460	6.6	B	1
		184TC	TEFC	VM3665T	1,025	L1	15.99	106	87.5	208-230/460	6.7	B	1
		215C	TEFC	VM3707	1,236	L1	16.67	76	87.5	208-230/460	6.6	B	1
	1200	215TC	TEFC	VM3708T	1,283	L1	18.63	123	87.5	208-230/460	7.6	B	1
	7 1/2	3600	184TC	TEFC	VM3616T	1,071	L1	18.05	88	88.5	208-230/460	8.6	B
213TC			TEFC	VM3709T	1,346	L1	18.56	96	88.5	208-230/460	8.6	B	1
1800		213TC	TEFC	VEM3710T	1,268	L1	19.76	127	91.7	208-230/460	9.4	B	
		213TC	TEFC	VEM3770T	1,481	L1	19.25	170	91.7	230/460	9.5	B	1, 30
		213TC	TEFC	VM3710T	959	LS	18.63	109	89.5	208-230/460	10.9	B	1
		213TC	TEFC	VM3770T	1,418	L1	19.25	164	89.5	208-230/460	10.3	B	1

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10	3600	215TC	TEFC	VM3711T	1,400	L1	18.63	122	89.5	208-230/460	11.9	B	1
	1800	215TC	TEFC	VEM3714T	1,417	L1	21.26	165	91.7	208-230/460	12	B	
		215TC	TEFC	VEM3774T	1,643	L1	19.25	231	91.7	230/460	12.5	B	1, 30
		215TC	TEFC	VM3714T	1,142	LS	19.76	129	89.5	208-230/460	13.5	B	1, 20
		215TC	TEFC	VM3774T	1,514	L1	19.25	169	89.5	208-230/460	13	B	1
1200	256TC	TEFC	VM2332T	2,367	L1	23.66	290	89.5	230/460	14.4	B	1, 30	
15	3600	215TC	TEFC	VM3713T	1,748	L1	19.76	140	90.2	208-230/460	17	B	2, 20
	1800	254TC	TEFC	VM2394T	2,450	L1	20.32	200	90.2	208-230/460	17.5	B	1
20	1800	254TC	TEFC	VM2333T	2,222	LS	20.32	199	91	208-230/460	18.9	B	1
	3600	256TC	TEFC	VM4106T	2,653	L1	20.32	221	90.2	208-230/460	23	B	1
25	1800	256TC	TEFC	VM2334T	2,601	LS	23.32	273	91	230/460	25	B	1, 30
	3600	284TSC	TEFC	VM4107T	3,405	L1	22.40	371	91	230/460	28	B	1, 30
30	1800	284TC	TEFC	VM4103T	3,263	LS	23.65	373	92.4	230/460	30	B	1, 30
	3600	286TSC	TEFC	VM4108T	3,649	L1	22.40	403	91	208-230/460	34	B	1
	1800	286TC	TEFC	VM4104T	3,326	LS	27.76	401	92.4	230/460	38	B	1, 30

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