

Single phase, NEMA frame, TEFC and ODP, foot mounted

1/3 thru 5 Hp

TEFC
IP44*

ODP
IP22



Features:

- CE certified
- Low noise design
- Vibration dampening base
- Ingress protected conduit box
- Robust capacitor cover
- Dynamically balanced rotor
- High performance ball bearings

Applications:

- Fans
- Pumps
- Blowers
- Conveyors
- Compressors
- Industrial machines
- Other 50 Hz general purpose applications

Hp	RPM 50 Hz.	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Totally enclosed fan cooled, IP44											
1/3	1500	56	L3501-50	450	5E1	11.34	25	59	110/220	3.2	1
	3000	56	L3503-50	440	5E1	11.35	27	68	110/220	3.3	
1/2	1500	48	L3409-50	512	5E1	12.22	31	62	110/220	3.6	
	1500	56	L3504-50	512	5E1	12.84	32	62	110/220	3.6	
3/4	3000	56	L3506-50	491	5E1	12.23	35	62	110/220	4.6	
	1500	56	L3507-50	608	5E1	13.25	38	66	110/220	5	
1	3000	56	L3509-50	571	5E1	13.23	40	68	110/220	6.3	
	1500	56	L3510-50	699	5E1	14.12	47	68	110/220	6.2	
1 1/2	3000	56	L3513-50	752	5E1	14.11	48	68	110/220	9	1
	1500	56	L3514-50	790	5E1	14.13	46	73	110/220	8	
	1500	145T	L3514T-50	790	5E1	14.18	51	73	110/220	8	
2	3000	56	L3515-50	978	5E1	14.11	53	77	110/220	9.7	1
	1500	182T	L3605T-50	1,117	5E1	16.56	76	81	110/220	10	
3	1500	184T	L3609T-50	1,315	5E1	18.06	95	84.5	110/220	12.5	2
5	1500	213T	L3708T-50	1,572	5E1	17.89	119	84	220	22	2
Open drip proof, IP22											
1/3	3000	48	L1205-50	333	501	9.13	22	64.9	110/220	2.6	
	1500	48	L1206-50	405	501	9.38	24	62	110/220	2.3	
1/2	3000	48	L1208-50	366	501	9.75	25	68	110/220	3.3	
	1500	48	L1209-50	508	501	10.63	28	62	110/220	3.7	
3/4	1500	56	L1304-50	461	501	11.01	29	62	110/220	3.7	
	3000	56	L1306-50	446	501	11.01	28	64	110/220	5.3	
1	1500	56	L1307-50	569	501	12.07	38	66	110/220	5	
	3000	56	L1309-50	469	501	11.51	34	66	110/220	6	
1 1/2	1500	56	L1318-50	694	501	12.07	41	68	110/220	6.5	2
	3000	56	L1313-50	658	501	12.07	43	68	110/220	9.2	
2	1500	56	L1319-50	800	501	12.07	41	68	110/220	11.5	2
	3000	56	L1317-50	877	501	12.94	47	70	110/220	12	2
3	1500	182T	L1405T-50	930	501	15.00	66	69	110/220	14	2
	1500	184T	L1408T-50	1,005	501	16.50	91	75.5	110/220	16	
5	1500	213T	L1508T-50	1,572	501	16.32	112	82.5	220	21.6	2

(a) See notes on inside back flap.

All motors listed above are specifically designed for operation with 50 Hz. power.

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

Three phase, NEMA frame, TEFC and ODP, foot mounted 1/2 thru 60 Hp

TEFC
IP44*ODP
IP22

Features:

- CE certified
- Vibration dampening base
- Cast iron or heavy gauge steel design
- Suitable for mounting in any configuration
- Super-E® motors have IE3 efficiency
- Compliant to EU efficiency regulations
- 3 year warranty on Super-E motors

Applications:

- Fans
- Pumps
- Blowers
- Conveyors
- Compressors
- Industrial machines
- Other 50 Hz general purpose applications

Hp	RPM 50 Hz.	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Totally enclosed fan cooled, IP44											
1/2	1500	56	M3538-57	446	5E3	11.35	26	73	230/400	1	
	3000	56	M3541-57	446	5E3	11.35	25	75.5	230/400	1.4	
3/4	1500	56	M3542-57	477	5E3	12.85	32	75.5	230/400	1.8	
	3000	56	EM3545-57	625	5E3	12.22	35	82.5	230/400	1.6	12
1	1500	143T	EM3546T-57	639	5E3	12.31	34	82.5	230/400	1.8	1
	3000	143T	EM3550T-57	725	5E3	13.29	43	85.5	230/400	2.3	
1 1/2	1500	145T	EM3554T-57	650	5E3	13.31	41	84.1	230/400	2.9	1
	3000	145T	EM3555T-57	796	5E3	14.17	50	84.2	230/400	2.9	
2	1500	145T	EM3558T-57	686	5E3	13.31	45	85.3	230/400	3.4	1
	3000	182T	EM3610T-57	1,015	5E3	15.16	55	85.9	230/400	4.2	1
3	1500	182T	EM3611T-57	805	5E3	16.54	70	86.7	230/400	5.6	1
	3000	184T	EM3613T-57	1,167	5E3	18.04	93	88.1	230/400	6.4	
5	1500	184T	EM3615T-57	930	5E3	18.04	101	88.4	230/400	8	1
	3000	213T	EM3709T-58	1,619	5E3	17.89	121	89.2	400	10.4	1
7 1/2	1500	213T	EM3710T-58	1,290	5E3	19.01	127	89.6	400	10.8	1
	3000	215T	EM3711T-58	1,717	5E3	19.01	140	90	400	13	1
10	1500	215T	EM3714T-58	1,632	5E3	20.51	165	90	400	14	1
	1500	254T	EM2333T-58	2,514	5E3	23.35	291	91	400	21	1
20	1500	256T	EM2334T-58	3,048	5E3	23.35	304	92	400	28	
25	1500	284T	EM4103T-58	3,987	5E3	27.76	437	93	400	37	
30	1500	286T	EM4104T-58	4,729	5E3	27.76	475	93	400	42	1
40	1500	324T	EM4110T-58	6,184	5E3	30.28	650	94	400	52	1
50	1500	326T	EM4115T-58	6,757	5E3	30.28	800	94	400	64	1
60	1500	364T	EM4314T-58	9,722	5E3	33.44	910	94	400	81	1
Open drip proof, IP22											
1/2	1500	56	M3108-57	393	503	10.12	26	73	230/400	1	
3/4	1500	56	M3112-57	437	503	10.12	26	70	230/400	1.9	
	1500	56	EM3116-57	569	503	11.07	34	82.5	230/400	1.8	1
1	1500	143T	EM3116T-57	572	503	11.12	34	82.5	230/400	1.8	1
	1500	145T	EM3154T-57	608	503	12.13	41	84.1	230/400	2.9	1
2	1500	145T	EM3157T-57	625	503	12.13	45	85.3	230/400	3.4	1
3	1500	182T	EM3211T-57	715	503	15.00	74	86.7	230/400	4.8	1
5	1500	184T	EM3218T-57	791	503	16.50	101	88.4	230/400	8	1
7 1/2	1500	213T	EM3311T-58	1,118	503	17.45	127	89.6	400	10.8	1
10	1500	215T	EM3313T-58	1,823	503	18.95	165	90	400	14	1
15	1500	254T	EM2513T-58	2,581	503	21.69	230	91	400	22	1
20	1500	256T	EM2515T-58	2,831	503	23.19	275	92	400	28	1

(a) See notes on inside back flap.

■ Cast iron frame

All motors listed above are specifically designed for operation with 50 Hz. power.**Motors shown in this catalog are suitable for use on 400 volt or 415 volt 50 Hz. power supplies.**

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

Single and three phase, NEMA frame, TEFC, C-Face

1/4 thru 2 Hp

IP44*



Features:

- CE certified
- Locked DE bearing
- Dynamically balanced rotor
- High performance ball bearings
- Super-E® motors have IE3 efficiency
- Compliant to EU efficiency regulations
- 3 year warranty on Super-E motors

Applications:

- Fans
- Pumps
- Blowers
- Conveyors
- Compressors
- Industrial machines
- Other 50 Hz general purpose applications

Hp	RPM 50 Hz.	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Single phase											
1/3	1500	56C	VL3501-50	494	5E1	11.35	17	59	110/220	3.2	1
	3000	56C	VL3503-50	448	5E1	11.35	25	68	110/220	3.3	
1/2	1500	56C	VL3504-50	572	5E1	12.85	31	62	110/220	3.6	
	3000	56C	VL3506-50	516	5E1	12.25	35	62	110/220	4.6	
3/4	1500	56C	VL3507-50	678	5E1	13.25	39	66	110/220	5	
	3000	56C	VL3509-50	607	5E1	13.25	40	68	110/220	6.3	
1	1500	56C	VL3510-50	776	5E1	14.12	47	68	110/220	6.2	
	3000	56C	VL3513-50	781	5E1	14.12	48	68	110/220	9	1
1 1/2	1500	56C	VL3514-50	877	5E1	14.12	51	73	110/220	8	
	3000	56C	VL3515-50	991	5E1	14.12	52	77	110/220	9.7	1
Three phase											
1/4	1500	56C	KM3454-57	361	5E3	11.35	20	64	230/400	0.7	
1/3	1500	56C	VM3534-57	408	5E3	11.35	21	68	230/400	1	
	3000	56C	VM3537-57	443	5E3	11.35	22	72	230/400	1.1	
1/2	1500	56C	VM3538-57	477	5E3	11.35	25	73	230/400	1	
	3000	56C	VM3541-57	462	5E3	11.35	26	75.5	230/400	1.4	
3/4	1500	56C	VM3542-57	512	5E3	12.85	32	75.5	230/400	1.8	
	3000	56C	VEM3545-57	631	5E3	12.23	35	82.5	230/400	1.6	12
1	1500	56C	VEM3546-57	625	5E3	12.23	34	82.5	230/400	1.8	1
		143TC	VEM3546T-57	625	5E3	12.29	34	82.5	230/400	1.8	1
1 1/2	3000	143TC	VEM3550T-57	686	5E3	13.29	43	85.5	230/400	2.3	
	1500	145TC	VEM3554T-57	649	5E3	13.29	41	84.1	230/400	2.9	1
2	3000	56C	VEM3555-57	681	5E3	14.10	50	84.2	230/400	2.9	
		143TC	VEM3555T-57	749	5E3	14.17	50	84.2	230/400	2.9	
	1500	145TC	VEM3558T-57	688	5E3	13.29	45	85.3	230/400	3.4	1

(a) See notes on inside back flap.

All motors listed above are specifically designed for operation with 50 Hz. power.

Motors shown in this catalog are suitable for use on 400 volt or 415 volt 50 Hz. power supplies.

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)