

# Super-E®, three phase, TEFC

## 1/2 thru 100 Hp

**IP54**



**Features:**

- Lubed for life double sealed ball bearings
- Lip seal and V-Ring slinger on DE for increased moisture resistance
- Designed for longevity with 3 year warranty
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2

**Applications:**

- Industrial fans
- General purpose farm
- Industrial pumps

Hp	RPM	NEMA Frame	Catalog Number	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/2	1800	56	<b>FDM3538</b>	FD3	11.35	24	74.0	208-230/460	1.0	1
3/4	1800	56	<b>FDM3542</b>	FD3	11.35	27	75.5	208-230/460	1.5	1
1	1800	56	<b>FDEM3546</b>	FD3	12.23	38	85.5	230/460	1.5	1, 30
		143T	<b>FDEM3546T</b>	FD3	12.31	38	85.5	230/460	1.5	1, 30
1 1/2	1800	56	<b>FDEM3554</b>	FD3	13.23	41	86.5	230/460	2.2	1, 30
		145T	<b>FDEM3554T</b>	FD3	13.31	41	86.5	230/460	2.2	1, 30
2	1800	56	<b>FDEM3558</b>	FD3	13.23	45	86.5	230/460	2.9	1, 30
		145T	<b>FDEM3558T</b>	FD3	13.31	45	86.5	230/460	2.9	1, 30
3	3600	182T	<b>FDEM3610T</b>	FD3	16.52	64	87.5	230/460	3.5	1, 30
	1800	182T	<b>FDEM3611T</b>	FD3	16.55	70	89.5	230/460	4.2	1, 30
5	3600	184T	<b>FDEM3613T</b>	FD3	16.55	74	88.5	230/460	5.9	1, 30
	1800	184T	<b>FDEM3615T</b>	FD3	18.05	93	89.5	230/460	6.7	1, 30
7 1/2	3600	213T	<b>FDEM3709T</b>	FD3	17.89	121	89.5	230/460	9	1, 30
	1800	213T	<b>FDEM3710T</b>	FD3	19.02	127	91.7	230/460	9.4	1, 30
10	3600	215T	<b>FDEM3711T</b>	FD3	17.89	118	90.2	230/460	11.8	1, 30
	1800	215T	<b>FDEM3714T</b>	FD3	20.52	165	91.7	230/460	12	1, 30
15	3600	254T	<b>FDEM2394T</b>	FD3	23.66	254	91	230/460	17.5	1, 30
	1800	254T	<b>FDEM2333T</b>	FD3	23.66	270	92.4	230/460	18.1	1, 30
20	3600	256T	<b>FDEM4106T</b>	FD3	23.66	271	91	230/460	23	1, 30
	1800	256T	<b>FDEM2334T</b>	FD3	23.66	300	93	230/460	24	1, 30
25	3600	284TS	<b>FDEM4107T</b>	FD3	24.71	323	91.7	230/460	29	1, 30
	1800	284T	<b>FDEM4103T</b>	FD3	27.76	380	93.6	230/460	30	1, 30
30	3600	286TS	<b>FDEM4108T</b>	FD3	24.71	323	91.7	230/460	34	1, 30
	1800	286T	<b>FDEM4104T</b>	FD3	27.76	425	93.6	230/460	38	1, 30
40	3600	324TS	<b>FDEM4109T</b>	FD3	28.78	528	92.4	230/460	46	1, 30
	1800	324T	<b>FDEM4110T</b>	FD3	30.28	567	94.1	230/460	48	1, 30
50	3600	326TS	<b>FDEM4114T</b>	FD3	28.78	575	93	230/460	56	1, 30
	1800	326T	<b>FDEM4115T</b>	FD3	30.28	610	94.5	230/460	58	1, 30
60	1800	364T	<b>FDEM4314T</b>	FD3	33.48	910	95	230/460	67.8	1, 30
75	1800	365T	<b>FDEM4316T</b>	FD3	33.48	977	95.4	230/460	84.9	1, 30
100	1800	405T	<b>FDEM4400T</b>	FD3	38.19	1,326	95.4	230/460	112	1, 30
<b>C-Face, footless</b>										
1/2	1800	56C	<b>VFDM3538</b>	FD3	11.35	24	74	230/460	1.0	1, 30
3/4	1800	56C	<b>VFDM3542</b>	FD3	11.35	27	75.5	230/460	1.5	1, 30
1	1800	56C	<b>VFDEM3546</b>	FD3	12.23	37	85.5	230/460	1.5	1, 30
1 1/2	1800	56C	<b>VFDEM3554</b>	FD3	13.23	41	86.5	230/460	2.2	1

(a) See notes on inside back flap.

■ Cast iron frame

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

Hp	RPM	NEMA Frame	Catalog Number	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>575 volt</b>										
1	1800	56	<b>FDEM3546-5</b>	FD3	12.23	37	85.5	575	1.2	
		143T	<b>FDEM3546T-5</b>	FD3	12.31	37	85.5	575	1.2	
1 1/2	1800	56	<b>FDEM3554-5</b>	FD3	13.23	41	86.5	575	1.8	
		145T	<b>FDEM3554T-5</b>	FD3	13.31	41	86.5	575	1.8	
2	1800	56	<b>FDEM3558-5</b>	FD3	13.23	45	86.5	575	2.3	
		145T	<b>FDEM3558T-5</b>	FD3	13.31	45	86.5	575	2.3	
3	3600	182T	<b>FDEM3610T-5</b>	FD3	15.14	50	86.5	575	2.9	
	1800	182T	<b>FDEM3611T-5</b>	FD3	16.55	73	89.5	575	3.3	
5	3600	184T	<b>FDEM3613T-5</b>	FD3	16.55	74	88.5	575	4.7	
	1800	184T	<b>FDEM3615T-5</b>	FD3	18.05	93	89.5	575	5.3	
7 1/2	3600	213T	<b>FDEM3709T-5</b>	FD3	17.89	121	89.5	575	7	
	1800	213T	<b>FDEM3710T-5</b>	FD3	19.02	129	91.7	575	7.5	
10	3600	215T	<b>FDEM3711T-5</b>	FD3	17.89	121	90.2	575	9.5	
	1800	215T	<b>FDEM3714T-5</b>	FD3	20.52	165	92.4	575	10	
15	3600	254T	<b>FDEM2394T-5</b>	FD3	23.66	239	91.0	575	13.7	
	1800	254T	<b>FDEM2333T-5</b>	FD3	23.66	268	92.4	575	14.6	
20	3600	256T	<b>FDEM4106T-5</b>	FD3	23.66	229	91.0	575	18	
	1800	256T	<b>FDEM2334T-5</b>	FD3	23.66	322	93.0	575	19.2	
25	3600	284TS	<b>FDEM4107T-5</b>	FD3	24.70	317	91.7	575	23	
	1800	284T	<b>FDEM4103T-5</b>	FD3	27.76	447	93.6	575	25	
30	3600	286TS	<b>FDEM4108T-5</b>	FD3	24.70	317	91.7	575	28	
	1800	286T	<b>FDEM4104T-5</b>	FD3	27.76	461	93.6	575	31	
40	3600	324TS	<b>FDEM4109T-5</b>	FD3	28.78	553	92.4	575	37	
	1800	324T	<b>FDEM4110T-5</b>	FD3	30.28	605	94.1	575	39	
50	3600	326TS	<b>FDEM4114T-5</b>	FD3	28.78	595	93.0	575	45	
	1800	326T	<b>FDEM4115T-5</b>	FD3	30.28	695	94.5	575	46	
60	1800	364T	<b>FDEM4314T-5</b>	FD3	33.48	965	95.0	575	54.7	
75	1800	365T	<b>FDEM4316T-5</b>	FD3	33.49	965	95.4	575	68.7	
100	1800	405T	<b>FDEM4400T-5</b>	FD3	38.19	1,326	95.4	575	89.6	

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