

**Dirty Duty,  
Three Phase,  
TEFC**

**1/2 thru 15 Hp**

**NEMA 56 thru 254T**

**Applications:** Petro-chemical plants, mines, foundries, pulp and paper plants, waste management facilities, chemical plants, tropical climates and other processing industry applications requiring protection against corrosion caused by severe environmental operating conditions.

**Features:** 1.0 Service Factor at 50°C ambient, weatherproof per IEEE 45 and USCG 259 marine duty (below deck duty only). 416 stainless steel shaft for corrosion protection from severe conditions.



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	EISA Status (a)	Notes (a)
<b>Foot Mounted, No Drip Cover</b>												
1/2	1800	56	M8001	516	SD	11.35	26	74	230/460	1	C	1, 30
3/4	1800	56	M8002	656	SD	11.35	29	75.5	230/460	1.5	C	1, 30
1	1800	56	M8003	717	SD	12.85	35	78.5	208-230/460	1.7	C	1
		143T	EM8003T	1,014	SD	13.31	47	85.5	230/460	1.5	A	1, 30
		143T	M8003T	809	SD	12.75	57	82.5	208-230/460	1.6	D	1
1 1/2	1800	145T	EM8004T	998	SD	14.19	49	86.5	230/460	2.1	A	1, 30
		145T	M8004T	790	SD	12.75	60	84	208-230/460	2.4	D	1
2	1800	145T	EM8005T	1,066	SD	14.19	52	86.5	208-230/460	2.7	A	1
		145T	M8005T	837	SD	12.75	64	84	208-230/460	3.1	D	1
3	1800	182T	EM8006T	1,269	SD	18.05	74	89.5	230/460	4.2	A	1, 30
		182T	M8006T	1,084	SD	15.93	104	87.5	208-230/460	4.1	D	1
5	1800	184T	EM8007T	1,392	SD	18.05	100	89.5	230/460	6.5	A	1, 30
		184T	M8007T	1,219	SD	15.93	113	87.5	208-230/460	6.7	D	1
7 1/2	1800	213T	EM8008T	1,622	SD	19.02	135	91.7	230/460	9.4	A	1, 30
		213T	M8008T	1,485	SD	19.32	191	89.5	208-230/460	10.3	D	1
10	1800	215T	EM8009T	2,092	SD	20.52	168	91.7	230/460	12.5	A	1, 30
		215T	M8009T	1,763	SD	19.32	170	89.5	208-230/460	13	D	1
15	1800	254T	EM8010T	2,854	SD	21.94	255	92.4	230/460	18.5	A	1, 30
		254T	M8010T	2,521	SD	21.94	260	91	208-230/460	18.5	D	1
<b>C-Face, Foot Mounted, No Drip Cover</b>												
1/2	3600	56C	CM8537	538	SD	11.34	26	68	230/460	0.8	C	1
	1800	56C	CM8001	561	SD	11.34	29	74	230/460	1.7	C	1
	1200	56C	CM8539	731	SD	11.34	30	72	230/460	1.2	C	1
3/4	1800	56C	CM8002	701	SD	11.34	32	75.5	230/460	1.5	C	1
	1200	56C	CM8543	861	SD	12.84	38	77	208-230/460	1.5	C	1
1	1800	56C	CM8003	762	SD	12.84	38	78.5	208-230/460	1.7	C	1
	1200	56C	CM8556	919	SD	13.24	39	75.5	208-230/460	1.7	C	1
1 1/2	1800	56C	CM8004	835	SD	12.24	41	78.5	208-230/460	2.5	C	1
<b>C-Face, Footless, No Drip Cover</b>												
1/2	3600	56C	VM8537	528	SD	11.35	25	68	230/460	0.8	C	1
	1800	56C	VM8001	539	SD	11.35	27	74	230/460	1	C	1, 30
		56C	VM8001-5	539	SD	11.35	33	74	575	0.8	C	1
3/4	3600	56C	VM8541	667	SD	11.35	27	74	230/460	1.3	C	1, 30
	1800	56C	VM8002	679	SD	11.35	30	75.5	230/460	1.5	C	1, 30
		56C	VM8002-5	679	SD	11.35	31	75.5	575	1.2	C	1
1	3600	56C	VM8012	670	SD	11.35	28	75.5	230/460	1.8	C	1, 30
		56C	VM8003	731	SD	12.85	36	78.5	208-230/460	1.7	C	1
	1800	143TC	VM8003T-5	1,113	SD	13.31	60	85.5	575	1.1	B	1
		143TC	VM8003T	826	SD	13.25	53	82.5	208-230/460	1.7	B	1
		143TC	VM8003T-5	826	SD	13.25	54	82.5	575	1.1	B	1

(a) See notes on inside back flap.  
Dirty duty not recommended for a chlorine atmosphere.

■ 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

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Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	EISA Status <sup>(a)</sup>	Notes <sup>(a)</sup>	
1 1/2	3600	56C	VM8550	793	SD	12.24	37	82.5	208-230/460	2.1	C	1	
	1800	56C	VM8004	779	SD	12.24	41	78.5	208-230/460	2.5	C	1	
		145TC	VM8004T-5	957	SD	14.19	63	86.5	575	1.6	B	1	
		145TC	VM8004T	810	SD	13.25	56	84	208-230/460	2.5	B	1	
		145TC	VM8004T-5	810	SD	13.25	65	84	575	1.7	B	1	
2	3600	56C	VM8016	841	SD	12.69	61	78.5	208-230/460	2.7	C	1	
	1800	145TC	VM8016T	908	SD	13.25	61	84	208-230/460	2.7	B	1	
		56C	VM8005	791	SD	12.69	65	82.5	208-230/460	3.1	C	1	
		145TC	VM8005T-5	1,022	SD	14.17	67	86.5	575	2.2	B	1	
		145TC	VM8005T	854	SD	13.25	64	84	208-230/460	3.1	B	1	
3	1800	145TC	VM8005T-5	854	SD	13.25	68	84	575	2.2	B	1	
		3600	145TC	VM8559T	992	SD	13.25	73	85.5	208-230/460	3.7	B	1
		1800	182TC	VM8006T	1,163	SD	16.69	98	87.5	208-230/460	4.3	B	1
5	1800	184TC	VM8007T	1,300	SD	16.69	110	87.5	208-230/460	6.6	B	8	
7 1/2	1800	213TC	VM8008T	1,677	SD	20.06	180	89.5	208-230/460	10.3	B	1	
10	1800	215TC	VM8024T	1,885	SD	20.06	185	89.5	208-230/460	13.8	B	8	

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