

**Dirty Duty,
Three Phase,
Totally Enclosed,
230/460 Volts**



1/2 thru 20 Hp

NEMA 56 thru 256T

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	Enclosure	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)	Reliance M/N
Foot Mounted, No Drip Cover													
1/2	1800	56	TEFC	M8001	451	SD	11.35	26	74	230/460	1	1,30	P56X3822
3/4	1800	56	TEFC	M8002	574	SD	11.35	29	75.5	230/460	1.5	1,30	P56X3823
1	1800	56	TEFC	M8003	627	SD	12.85	35	78.5	208-230/460	1.7	1	P56X3932
		143T	TEFC	M8003T	707	SD	12.75	57	82.5	208-230/460	1.65	1	P14X3239
1 1/2	1800	145T	TEFC	M8004T	691	SD	12.75	60	84	208-230/460	2.3	1	P14X3238
2	1800	145T	TEFC	M8005T	732	SD	12.75	64	84	208-230/460	2.8	1	P14X3237
3	1800	182T	TEFC	M8006T	949	SD	15.93	104	87.5	208-230/460	4.1	1	P18G4750
5	1800	184T	TEFC	M8007T	1,067	SD	15.93	113	87.5	208-230/460	6.7	1	P18G4751
7 1/2	1800	213T	TEFC	M8008T	1,300	SD	19.32	191	89.5	208-230/460	10.3	1	P21G4750
10	1800	215T	TEFC	M8009T	1,544	SD	19.32	170	89.5	208-230/460	13	1	P21G4751
15	1800	254T	TEFC	M8010T	2,208	SD	21.94	260	91	208-230/460	18.5	1	P25G4554
20	1800	256T	TEFC	M8014T	2,685	SD	23.69	276	91	230/460	25	1,30	P25G4555
C-Face, Foot Mounted, No Drip Cover													
1/2	3600	56C	TENV	CM8537	470	SD	9.38	33	68	208-230/460	0.8		P56H5415
	1800	56C	TEFC	CM8001	490	SD	13.16	32	82.5	230/460	1.7		P56X3950
	1200	56C	TEFC	CM8539	640	SD	12.16	38	74	208-230/460	1.2		P56H5424
3/4	1800	56C	TENV	CM8002	613	SD	10.45	30	82.5	230/460	1.1		P56X3951
	1200	56C	TEFC	CM8543	753	SD	12.16	38	74	208-230/460	1.5		P56H4863
1	1800	56C	TENV	CNM8001	518	SD	11.45	38	81	208-230/460	1.45		P56H3927
	1200	56C	TEFC	CM8556T	804	SD	10.45	38	74	208-230/460	1.7		P56H4864
1 1/2	1800	56C	TEFC	CM8004	730	SD	13.16	37	78.5	208-230/460	2.8		P56H3959
		145TC	TEFC	CM8004T	730	SD	13.65	38	84	230/460	2.2		P14X3283
2	1800	145TC	TEFC	CM8005T	771	SD	13.65	44	84	230/460	2.9		P14X3284
C-Face, Footless, No Drip Cover													
1/2	3600	56C	TENV	VM8537	462	SD	10.45	31	77	230/460	0.8		P56X3897
	1800	56C	TEFC	VM8001	471	SD	11.35	27	74	230/460	1	1,30	P56X3900
		56C	TENV	VM8001-5	471	SD	10.45	33	80	575	0.72		P56X3846
3/4	3600	56C	TENV	VM8541	584	SD	11.05	40	80	230/460	1.1	1,30	P56X3898
	1800	56C	TENV	VM8002	594	SD	10.45	39	82.5	230/460	1.3	1,30	P56X3833
		56C	TENV	VM8002-5	594	SD	11.45	39	82.5	575	1		P56X3847
1	3600	56C	TEFC	VM8012	586	SD	11.35	28	75.5	230/460	1.8	1,30	P56X3899
		56C	TEFC	VM8003	640	SD	12.85	36	78.5	208-230/460	1.7	1	P56X3891
		1800	143TC	TEFC	VM8003T-5	669	SD	13.22	42	82.5	575	1.2	
143TC	TEFC		VM8003T	669	SD	13.25	53	77	208-230/460	1.7	1		
1 1/2	3600	56C	TEFC	VM8550	694	SD	13.16	37	82.5	230/460	2.3		P56X3904
		56C	TEFC	VM8004	682	SD	12.24	41	78.5	208-230/460	2.5	1	P56X3908
		145TC	TEFC	VM8004T-5	656	SD	13.65	41	84	575	1.7		P14X3832
2	3600	145TC	TEFC	VM8004T	656	SD	13.25	56	78.5	208-230/460	2.5	1	
		56C	TEFC	VM8016	736	SD	13.16	41	84	230/460	2.5		P56X3905
		145TC	TEFC	VM8016T	736	SD	13.25	61	78.5	208-230/460	2.7	1	
3	1800	56C	TEFC	VM8005	692	SD	13.16	44	81.8	208-230/460	3.1		P56H3929
		145TC	TEFC	VM8005T-5	692	SD	14.28	43	84	575	2.2		P14X3833
		145TC	TEFC	VM8005T	692	SD	13.25	64	82.5	208-230/460	3.1	1	
5	1800	145TC	TEFC	VM8559T	804	SD	15.28	50	83.6	230/460	4.1		P14H3048
		182TC	TEFC	VM8006T	942	SD	16.69	98	84	208-230/460	4.3	1	P18G3888
7 1/2	1800	184TC	TEFC	VM8007T	1,053	SD	16.69	110	85.5	208-230/460	6.6	8	P18G3889
10	1800	213TC	TEFC	VM8008T	1,359	SD	20.06	180	89.5	208-230/460	10.3	1	P21G3888
	1800	215TC	TEFC	VM8024T	1,528	SD	20.06	185	88.5	208-230/460	13.8	8	P21G3889

(a) See notes on inside back flap and pages 5-6.

Dirty duty not recommended for a chlorine atmosphere.

■ Cast Iron Frame

General Information

Single Phase Motors

General Purpose Industrial Motors

Premium Efficient Super-E® Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Commercial Motors

HVAC Motors