

Single and Three Phase, Totally Enclosed

1/2 thru 20 Hp

NEMA 56C thru 256TC

Applications: Food processing and other applications where motors receive washdown on a regular basis.

Features: 300 series stainless steel hardware, moisture sealant on bolt heads, between frame and endplates. Neoprene gaskets. Double sealed ball bearings. Lip and V-Ring seal on drive end; slinger on ODE of TEFC motors. Stainless steel shaft extension. Electrostatically applied epoxy finish over autophoretic primer. Class F insulation. Tropicalized. EWDM, CEWDM and VEWDM Super-E® motors have NEMA Premium® efficiency and 3 year warranty.



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)
Single Phase, C-Face, Foot Mounted												
1/2	1800	56C	TEFC	CWDL3504	521	WD	12.23	34	64	115/230	4	1,30
3/4	1800	56C	TEFC	CWDL3507	606	WD	12.23	33	68	115/230	5.5	1,30
1	3600	56C	TEFC	CWDL3509	527	WD	12.23	37	68	115/230	5.9	1,30
	1800	56C	TEFC	CWDL3510	698	WD	13.23	37	67	115/230	6.4	1,30
1 1/2	3600	56C	TEFC	CWDL3513	703	WD	13.23	42	70	115/230	8	1,30
	1800	56C	TEFC	CWDL3514	835	WD	14.12	48	75.5	115/230	8	1,30
Single Phase, C-Face, Footless												
1/2	1800	56C	TEFC	VWDL3504	499	WD	12.25	32	64	115/230	4	1,30
3/4	1800	56C	TEFC	VWDL3507	587	WD	12.25	35	68	115/230	5.5	1,30
1	1800	56C	TEFC	VWDL3510	672	WD	13.25	39	67	115/230	6.4	1,30
1 1/2	1800	56C	TEFC	VWDL3514	807	WD	14.10	46	75.5	115/230	8	1,30
Three Phase, Foot Mounted												
1/2	1800	56	TENV	WDM3538	522	WD	11.07	27	75.5	230/460	0.8	1,30,60
3/4	1800	56	TENV	WDM3542	558	WD	11.07	32	80	230/460	1.1	1,30,60
1	1800	143T	TENV	EWDM3546T	780	WD	12.12	42	86.5	208-230/460	1.4	1,60
		143T	TENV	WDM3546T	585	WD	12.12	39	81.5	208-230/460	1.6	1,60
1 1/2	1800	145T	TENV	EWDM3554T	857	WD	13.00	47	86.5	230/460	2	1,30,60
		145T	TENV	WDM3554T	640	WD	13.00	45	82.5	208-230/460	2.1	1,60
2	1800	145T	TEFC	EWDM3558T	1,006	WD	14.18	45	86.5	208-230/460	2.7	1
		145T	TEFC	WDM3558T	710	WD	13.30	44	84	208-230/460	2.9	1
3	1800	182T	TEFC	EWDM3611T	1,257	WD	16.54	68	89.5	208-230/460	4.1	1
		182T	TEFC	WDM3611T	939	WD	16.54	68	87.5	208-230/460	4.1	1
5	1800	184T	TEFC	EWDM3615T	1,431	WD	18.03	89	90.2	230/460	6.5	1,30
		184T	TEFC	WDM3615T	1,072	WD	16.54	78	87.5	208-230/460	7.1	1
7 1/2	1800	213T	TEFC	EWDM3710T	1,791	WD	19.04	141	91.7	230/460	9.4	1,30
		213T	TEFC	WDM3710T	1,339	WD	17.89	127	89.5	208-230/460	10.1	1
10	1800	215T	TEFC	EWDM3714T	1,951	WD	20.54	158	92.4	230/460	12.5	1,30
		215T	TEFC	WDM3714T	1,425	WD	19.04	139	89.5	208-230/460	13.5	1
Three Phase, C-Face, Foot Mounted												
1/2	3600	56C	TENV	CWDM3537	508	WD	11.07	27	70	208-230/460	0.9	1,60
	1800	56C	TENV	CWDM3538	550	WD	11.07	31	75.5	230/460	0.8	1,30,60
	1200	56C	TENV	CWDM3539	695	WD	12.06	37	77	230/460	1	1,30,60
3/4	3600	56C	TENV	CWDM3541	533	WD	11.07	35	80	230/460	1.1	1,30,60
	1800	56C	TENV	CWDM3542	597	WD	11.07	34	80	230/460	1.1	1,30,60
	1200	56C	TENV	CWDM3543	839	WD	12.94	43	78.5	208-230/460	1.3	1,60
1	3600	56C	TEFC	CEWDM3545	875	WD	12.24	34	84	230/460	1.4	1,60
		56C	TENV	CWDM3545	630	WD	11.07	33	82.5	230/460	1.3	1,60
	1800	56C	TENV	CEWDM3546	878	WD	12.94	44	87.5	230/460	1.4	1
		56C	TENV	CWDM3546	640	WD	12.06	37	81.5	208-230/460	1.6	1,60
		143TC	TENV	CEWDM3546T	897	WD	12.13	40	86.5	208-230/460	1.4	1,60
		143TC	TENV	CWDM3546T	658	WD	12.13	39	81.5	208-230/460	1.6	1,60
1200	56C	TEFC	CEWDM3556	986	WD	13.24	41	82.5	208-230/460	1.8	1,60	
	56C	TEFC	CWDM3556	811	WD	13.24	35	75.5	208-230/460	1.7	1	

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

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

Commercial Motors

HVAC Motors

Single and Three Phase, Totally Enclosed

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)
Three Phase, C-Face, Foot Mounted (continued)												
1 1/2	3600	56C	TENV	CEWDM3550	898	WD	12.07	44	85.5	208-230/460	2	1,60
		56C	TENV	CWDM3550	658	WD	12.94	51	82.5	208-230/460	2.1	1,60
	1800	56C	TEFC	CWDM3554	673	WD	12.24	34	78.5	208-230/460	2.5	1
		145TC	TENV	CEWDM3554T	939	WD	13.00	48	86.5	230/460	2	1,30,60
		145TC	TENV	CWDM3554T	692	WD	13.00	48	82.5	208-230/460	2.1	1,60
1200	56C	TEFC	CWDM3557	858	WD	13.24	39	75.5	230/460	2.5	1	
2	3600	56HCY	TEFC	CEWDM3555	972	WD	14.12	47	86.5	208-230/460	2.5	1
		56HCY	TEFC	CWDM3555	745	WD	13.24	40	78.5	208-230/460	2.7	1
		145TC	TEFC	CEWDM3555T	991	WD	14.17	51	86.5	208-230/460	2.5	1
		145TC	TEFC	CWDM3555T	764	WD	13.30	44	84	208-230/460	2.6	1
	1800	56C	TEFC	CWDM3558	743	WD	13.24	42	82.5	208-230/460	3.1	1
		145TC	TEFC	CEWDM3558T	1,034	WD	14.17	47	86.5	208-230/460	2.7	1
1200	145TC	TEFC	CWDM3558T	775	WD	13.28	44	84	208-230/460	2.9	1	
3	3600	184TC	TEFC	CWDM3614T	1,026	WD	16.54	75	86.5	208-230/460	3.5	1
		145TC	TEFC	CEWDM3559T	1,221	WD	15.55	59	86.5	230/460	3.6	1,30
		145TC	TEFC	CWDM3559T	914	WD	14.17	55	85.5	208-230/460	3.7	1
	1800	182TC	TEFC	CWDM3610T	1,008	WD	15.18	60	85.5	208-230/460	3.7	1
		182TC	TEFC	CEWDM3611T	1,359	WD	16.54	75	89.5	208-230/460	4.1	1
1200	182TC	TEFC	CWDM3611T	1,018	WD	16.54	74	87.5	208-230/460	4.1	1	
5	3600	213TC	TEFC	CWDM3704T	1,293	WD	18.65	112	87.5	208-230/460	4.6	1
		184TC	TEFC	CEWDM3613T	1,617	WD	16.54	81	90.2	208-230/460	5.6	1
		184TC	TEFC	CWDM3613T	1,275	WD	16.54	77	87.5	208-230/460	5.8	1
	1800	184TC	TEFC	CEWDM3615T	1,539	WD	18.04	96	90.2	230/460	6.5	1,30
		184TC	TEFC	CWDM3615T	1,151	WD	16.54	82	87.5	208-230/460	7.1	1
1200	215TC	TEFC	CWDM3708T	1,659	WD	19.78	122	87.5	208-230/460	7.5	1	
7 1/2	3600	184TC	TEFC	CWDM3616T	1,454	WD	18.04	89	88.5	208-230/460	8.7	1
		213TC	TEFC	CEWDM3709T	2,278	WD	19.78	139	91	208-230/460	8.6	1
		213TC	TEFC	CWDM3709T	1,581	WD	18.54	101	88.5	208-230/460	8.7	1
	1800	213TC	TEFC	CEWDM3710T	1,948	WD	19.78	129	91.7	230/460	9.4	1,30
		213TC	TEFC	CWDM3710T	1,459	WD	18.65	131	89.5	208-230/460	10.1	1
1200	254TC	TEFC	CWDM22976T	2,656	WD	23.57	213	89.5	208-230/460	11.2	1	
10	3600	215TC	TEFC	CEWDM3711T	2,507	WD	19.78	151	91.7	230/460	11.2	1,30
		215TC	TEFC	CWDM3711T	1,876	WD	18.65	128	89.5	208-230/460	11.5	1
	1800	215TC	TEFC	CEWDM3714T	2,215	WD	21.27	158	92.4	230/460	12.5	1
		215TC	TEFC	CWDM3714T	1,657	WD	19.78	140	89.5	208-230/460	13.5	1
	1200	256TC	TEFC	CWDM23932T	2,989	WD	23.57	245	89.5	208-230/460	15.3	1
15	3600	215TC	TEFC	CEWDM3713T	3,150	WD	21.26	174	91	230/460	16.6	1
		215TC	TEFC	CWDM3713T	2,357	WD	21.26	169	90.2	208-230/460	17	1
		254TC	TEFC	CEWDM23994T	4,425	WD	21.94	158	91	230/460	16.6	1
	1800	254TC	TEFC	CWDM23994T	3,286	WD	21.94	195	90.2	208-230/460	17	1
		254TC	TEFC	CEWDM23933T	4,356	WD	23.57	226	92.4	230/460	18	1
1200	254TC	TEFC	CWDM23933T	3,234	WD	23.57	248	91	230/460	17.3	1,30	
20	3600	256TC	TEFC	CEWDM41906T	5,080	WD	23.57	242	92.4	230/460	22.5	1
		256TC	TEFC	CWDM41906T	3,773	WD	23.57	274	91	230/460	22.7	1,30
	1800	256TC	TEFC	CEWDM23934T	5,052	WD	23.57	280	93	230/460	24	1
		256TC	TEFC	CWDM23934T	3,753	WD	23.57	282	91.7	230/460	23	1,30
Three Phase, C-Face, Footless												
1/2	1800	56C	TENV	VWDM3538	546	WD	11.06	30	75.5	230/460	0.8	1,30,60
		56C	TEFC	VFWDM3538	570	WD	11.55	35	69	208-230/460	1.2	1
3/4	1800	56C	TENV	VWDM3542	593	WD	11.06	34	80	230/460	1.1	1,30,60
		56C	TEFC	VFWDM3542	617	WD	11.55	31	75.2	208-230/460	1.5	1
1	1800	56C	TENV	VEWDM3546	870	WD	12.94	45	87.5	230/460	1.4	1,60
		56C	TENV	VWDM3546	635	WD	12.07	39	81.5	208-230/460	1.6	1,60
		143TC	TEFC	VEFWM3546T	900	WD	12.61	39	86.5	230/460	1.4	1
		143TC	TENV	VEWDM3546T	876	WD	13.00	46	87.5	230/460	1.4	1,60
		143TC	TENV	VWDM3546T	653	WD	12.13	38	81.5	208-230/460	1.6	1,60

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

Single and Three Phase, Totally Enclosed

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)
Three Phase, C-Face, Footless (continued)												
1 1/2	1800	56C	TENV	VEWDM3554	934	WD	12.94	45	86.5	230/460	2	1,30,60
		56C	TENV	VWDM3554	669	WD	12.94	48	82.5	208-230/460	2.1	1,60
		143TC	TEFC	VEFWDM3554T	966	WD	13.67	45	87.5	230/460	2	1
		145TC	TEFC	VEWDM3554T	941	WD	13.00	48	86.5	230/460	2	1,30
		145TC	TEFC	VWDM3554T	685	WD	13.00	48	82.5	208-230/460	2.1	1
2	1800	56C	TEFC	VEWDM3558	994	WD	14.18	49	86.5	208-230/460	2.7	1
		56C	TEFC	VWDM3558	710	WD	13.24	41	82.5	208-230/460	3.1	1
		145TC	TEFC	VEWDM3558T	1,013	WD	14.18	48	86.5	208-230/460	2.7	1
		145TC	TEFC	VWDM3558T	721	WD	13.30	42	82.5	208-230/460	3.1	1
3	3600	56C	TEFC	VWDM3559	912	WD	13.61	53	88.9	208-230/460	3.7	1
		145TC	TEFC	VWDM3561T	1,177	WD	14.67	63	86.8	208-230/460	4.1	1
	1800	182TC	TEFC	VEWDM3611T	1,274	WD	16.54	69	89.5	208-230/460	4.1	1
		182TC	TEFC	VWDM3611T	949	WD	15.18	54	84	208-230/460	4.1	1
5	1800	184TC	TEFC	VEWDM3615T	1,444	WD	18.05	91	90.2	230/460	6.5	1,30
		184TC	TEFC	VWDM3615T	1,185	WD	16.54	75	85.5	208-230/460	6.6	1
7 1/2	1800	213TC	TEFC	VEWDM3710T	1,931	WD	19.78	122	91.7	230/460	9.4	1,30
		213TC	TEFC	VWDM3710T	1,354	WD	18.63	113	87.5	208-230/460	10.9	1
10	1800	215TC	TEFC	VEWDM3714T	2,075	WD	21.27	155	92.4	208-230/460	12.5	1
		215TC	TEFC	VWDM3714T	1,544	WD	19.78	124	89.5	208-230/460	13.5	1
Three Phase, 575 Volt, C-Face, Foot Mounted												
1/2	1800	56C	TENV	CWDM3538-5	550	WD	11.08	28	78.5	575	0.6	1,60
3/4	1800	56C	TENV	CWDM3542-5	597	WD	11.08	34	80	575	0.9	1,60
1	1800	56C	TENV	CWDM3546-5	640	WD	12.06	34	81	575	1.3	1,60
		56C	TENV	CEWDM3546-5	878	WD	12.94	51	87.5	575	1.1	1,60
1 1/2	1800	145TC	TENV	CWDM3554T-5	692	WD	13.00	46	82.5	575	1.7	1,60
		145TC	TENV	CEWDM3554T-5	939	WD	13.00	48	86.5	575	1.6	1,60
2	1800	145TC	TEFC	CWDM3558T-5	775	WD	13.28	43	84	575	2.2	1
		145TC	TEFC	CEWDM3558T-5	1,034	WD	14.16	50	86.5	575	2.2	1
3	1800	182TC	TEFC	CWDM3611T-5	1,018	WD	16.54	72	87.5	575	3.3	1
		182TC	TEFC	CEWDM3611T-5	1,359	WD	16.54	75	89.5	575	3.1	1
5	1800	184TC	TEFC	CWDM3615T-5	1,151	WD	16.54	78	87.5	575	5.7	1
		184TC	TEFC	CEWDM3615T-5	1,539	WD	18.04	99	90.2	575	5.2	1
7 1/2	1800	213TC	TEFC	CEWDM3710T-5	1,948	WD	19.78	195	91.7	575	8.2	1
10	1800	215TC	TEFC	CEWDM3714T-5	2,215	WD	21.27	162	91.7	575	10.1	1
15	1800	254TC	TEFC	CEWDM23933T-5	4,356	WD	23.57	247	92.4	575	14.8	1
20	1800	256TC	TEFC	CEWDM23934T-5	5,052	WD	23.57	280	93	575	19.2	1
Three Phase, 575 Volt, C-Face, Footless												
1/2	1800	56C	TENV	VWDM3538-5	546	WD	11.08	31	75.5	575	0.6	1,60
3/4	1800	56C	TENV	VWDM3542-5	593	WD	11.06	34	80	575	0.9	1,60
1	1800	56C	TENV	VWDM3546-5	635	WD	12.06	34	81	575	1.3	1,60
1 1/2	1800	145TC	TENV	VWDM3554T-5	685	WD	13.00	55	82.5	575	1.9	1,60
2	1800	145TC	TEFC	VWDM3558T-5	721	WD	13.30	46	84	575	2.2	1

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

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

Commercial Motors

HVAC Motors

BALDOR • RELIANCE

**Brake Motor,
Three Phase,
Totally Enclosed,
C-Face,
Foot Mounted**

1/2 thru 5 Hp

NEMA 56C thru 184TC

Applications: Food processing and other applications where motors receive washdown on a regular basis.

Features: Class F insulated motor with 1.15 service factor or higher that operates within class “B” temperature limits at rated horsepower. Standard NEMA BA dimension, 300 series stainless steel hardware, moisture sealant on bolt heads, between frame and end plates. Neoprene gaskets. Spring-set brake internally connected to the motor. Power off manual release. Resets automatically. Motors have NEMA Premium® Efficiency and are inverter-ready. 230/460V brakes are connected in conduit box allowing for separate connection when used with an inverter.



Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	“C” Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating	Notes (a)
1/2	1800	56C	TENV	CEWDBM3538	1,671	WD	15.31	42	82.5	230/460	0.8	3	1
3/4	1800	56C	TENV	CEWDBM3542	1,806	WD	15.31	43	82.5	230/460	1.1	6	1
1	1800	56C	TENV	CEWDBM3546	1,854	WD	16.31	52	86.5	208-230/460	1.4	6	1
		143TC	TENV	CEWDBM3546T	1,873	WD	16.81	51	86.5	208-230/460	1.4	6	1
1 1/2	1800	145TC	TENV	CEWDBM3554T	2,018	WD	18.14	58	86.5	230/460	2	10	1,30
2	1800	145TC	TEFC	CEWDBM3558T	2,053	WD	19.44	57	86.5	208-230/460	2.7	10	1
3	1800	182TC	TEFC	CEWDBM3611T	2,484	WD	15.56	89	89.5	208-230/460	4.1	15	1
5	1800	184TC	TEFC	CEWDBM3615T	3,001	WD	17.06	111	90.2	230/460	6.5	25	1,30

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

Efficiencies shown are nominal. Data subject to change without notice. Contact Baldor for certified data.

**Feather Picker Motor,
Three Phase, TEFC**

2 thru 3 Hp

NEMA 145T

Applications: Poultry processing plants. Designed for use on equipment used to remove feathers from poultry.

Features: Class F insulated motor with 1.15 service factor or higher that operates within class “B” temperature limits at rated horsepower. Moisture resistant ISR® (Inverter Spike Resistant®) 200°C magnet wire. Top mounted F3 conduit box. Sealed ball bearings with moisture-resistant grease. Tropicalized.



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	“C” Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
2	1800	145T	WDM3558TP	805	WD	12.79	42	84	208-230/460	2.9	1
3	1800	145T	WDM3561TP	1,016	WD	15.04	63	87.5	208-230/460	4.1	1

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

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

Commercial Motors

HVAC Motors

**Paint-Free,
Three Phase,
Totally Enclosed,
C-Face**

1/2 thru 10 Hp

NEMA 56C thru 215TC

Applications: Food processing, packaging and outdoor applications.



Features: Moisture resistant ISR® (Inverter Spike Resistant®) 200°C magnet wire. Sealed ball bearings with moisture-resistant grease. Rotating non-contact labyrinth seal on output shaft extension and contact lip seals on fan shaft extension. Neoprene gaskets. Special processed cast endplates. 300 series stainless steel motor frame, base, shaft and hardware. No exterior paint. Tropicalized. CESWDM and VESWDM Super-E® motors have NEMA Premium® efficiency and 3 year warranty.

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes (a)
Foot Mounted											
1/2	1800	56C	TENV	CSWDM3538	601	WD	11.07	30	230/460	0.8	1,30,60
3/4	1800	56C	TENV	CSWDM3542	694	WD	11.07	31	230/460	1.1	1,30,60
1	1800	56C	TENV	CESWDM3546	968	WD	12.07	37	208-230/460	1.4	1,60
		56C	TENV	CSWDM3546	719	WD	12.07	39	208-230/460	1.6	1,60
		143TC	TENV	CSWDM3546T	719	WD	12.12	41	208-230/460	1.6	1,60
1 1/2	1800	56C	TENV	CSWDM3554	752	WD	14.32	52	208-230/460	2	1,60
		145TC	TENV	CESWDM3554T	1,014	WD	13.00	47	230/460	2	1,30,60
		145TC	TENV	CSWDM3554T	752	WD	13.00	49	208-230/460	2.1	1,60
2	1800	56C	TEFC	CSWDM3558	926	WD	13.24	42	230/460	2.8	1
		145TC	TEFC	CESWDM3558T	1,245	WD	14.18	55	230/460	2.7	1
		145TC	TEFC	CSWDM3558T	926	WD	13.30	48	230/460	2.8	1
3	1800	182TC	TEFC	CESWDM3611T	1,523	WD	16.56	75	208-230/460	4	1
		182TC	TEFC	CSWDM3611T	1,132	WD	16.56	72	208-230/460	4.1	1
5	1800	184TC	TEFC	CESWDM3615T	1,773	WD	18.06	92	208-230/460	6.4	1
		184TC	TEFC	CSWDM3615T	1,318	WD	18.06	93	208-230/460	6.5	1
7 1/2	1800	213TC	TEFC	CESWDM3710T	2,180	WD	19.81	146	230/460	9.5	1
		213TC	TEFC	CSWDM3710T	1,621	WD	19.81	138	208-230/460	9.4	1
10	1800	215TC	TEFC	CESWDM3714T	2,481	WD	21.31	168	230/460	12.5	1
		215TC	TEFC	CSWDM3714T	1,845	WD	21.31	160	208-230/460	12.4	1
Footless											
1/2	1800	56C	TENV	VSWDM3538	595	WD	11.07	29	230/460	0.8	1,30,60
3/4	1800	56C	TENV	VSWDM3542	688	WD	11.07	33	230/460	1.1	1,30,60
1	1800	56C	TENV	VESWDM3546	921	WD	12.07	39	208-230/460	1.4	1,60
		56C	TENV	VSWDM3546	714	WD	12.07	38	208-230/460	1.6	1,60
		143TC	TENV	VSWDM3546T	714	WD	12.12	37	208-230/460	1.6	1,60
1 1/2	1800	56C	TENV	VESWDM3554	1,004	WD	12.95	47	230/460	2	1,30,60
		56C	TENV	VSWDM3554	748	WD	12.95	47	208-230/460	2.1	1,60
		145TC	TENV	VESWDM3554T	1,004	WD	13.00	47	230/460	2	1,30,60
2	1800	145TC	TEFC	VESWDM3558T	1,146	WD	14.19	50	208-230/460	2.7	1
		145TC	TEFC	VSWDM3558T	851	WD	13.31	41	208-230/460	3.1	1

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

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

Commercial Motors

HVAC Motors

Super-E Stainless Steel, Three Phase, Totally Enclosed, C-Face

1/2 thru 10 Hp

NEMA 56C thru 215TC

Applications: Food processing, packaging, outdoor and highly corrosive environments.

Features: Class F insulated motor with 1.15 service factor or higher that operates within class "B" temperature limits at rated horsepower. All external surfaces 300 series stainless steel: motor frame, endplates, conduit box, shaft and base. Moisture resistant 200°C ISR® magnet wire. Hydrophobic aspiration system eliminates condensation from inside the motor. Endplate rabbets have O-ring seals to band. Conduit box is welded to the motor frame. Patented bearing seal to protect motor bearings, inside and out. Epoxy encapsulation prevents any moisture from reaching the windings as well as potting the passage between the band and the conduit box. Nameplate information is laser etched on the band. Catalog numbers also etched on both sides. Especially effective in highly corrosive environments where paint or other finishes do not hold up. NEMA Premium® efficiency and 3-year warranty.



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)
Foot Mounted												
1/2	3600	56C	TENV	CSSEWDM3537	1,154	WD	11.71	47	84	208-230/460	0.7	1,60,77
	1800	56C	TENV	CSSEWDM3538	1,173	WD	11.71	47	81.5	208-230/460	0.75	1,60,77
3/4	3600	56C	TENV	CSSEWDM3541	1,195	WD	11.71	51	86.5	208-230/460	1	1,60,77
	1800	56C	TENV	CSSEWDM3542	1,213	WD	12.71	55	84	208-230/460	1	1,60,77
1	3600	56C	TENV	CSSEWDM3545	1,256	WD	12.71	54	82.5	208-230/460	1.4	1,60,77
	1800	56C	TENV	CSSEWDM3546	1,268	WD	12.71	54	87.5	208-230/460	1.4	1,60,77
		143TC	TENV	CSSEWDM3546T	1,280	WD	12.77	56	87.5	208-230/460	1.4	1,60,77
1 1/2	3600	56C	TENV	CSSEWDM3550	1,273	WD	13.59	62	85.5	208-230/460	1.8	1,60,77
		145TC	TENV	CSSEWDM3550T	1,283	WD	13.65	64	85.5	208-230/460	1.8	1,60,77
	1800	56C	TEFC	CSSEWDM3554	1,279	WD	14.77	61	88.5	208-230/460	2.1	1,77
		145TC	TEFC	CSSEWDM3554T	1,291	WD	14.81	62	88.5	208-230/460	2.1	1,77
2	3600	145TC	TEFC	CSSEWDM3555T	1,540	WD	14.81	71	86.5	208-230/460	2.5	1,77
	1800	56C	TEFC	CSSEWDM3558	1,553	WD	14.77	61	85.5	208-230/460	2.8	1,77
		145TC	TEFC	CSSEWDM3558T	1,563	WD	14.83	61	85.5	208-230/460	2.8	1,77
3	3600	145TC	TEFC	CSSEWDM3559T	1,875	WD	16.19	79	86.5	208-230/460	3.7	1,77
	1800	182TC	TEFC	CSSEWDM3611T	1,888	WD	17.75	101	89.5	208-230/460	4	1,77
5	3600	184TC	TEFC	CSSEWDM3613T	2,050	WD	17.75	107	89.5	208-230/460	5.6	1,77
	1800	184TC	TEFC	CSSEWDM3615T	2,066	WD	19.25	123	90.2	208-230/460	6.4	1,77
7 1/2	3600	213TC	TEFC	CSSEWDM3709T	2,389	WD	20.43	178	91	208-230/460	8.3	1,77
	1800	213TC	TEFC	CSSEWDM3710T	2,439	WD	21.62	182	91.7	230/460	9.5	1,30,77
10	3600	215TC	TEFC	CSSEWDM3711T	2,713	WD	21.62	154	91.7	208-230/460	10.6	1,77
	1800	215TC	TEFC	CSSEWDM3714T	2,877	WD	23.06	187	92.4	208-230/460	12.5	1,77
Footless												
1/2	3600	56C	TENV	VSSEWDM3537	1,132	WD	11.71	46	84	208-230/460	0.7	1,60,77
	1800	56C	TENV	VSSEWDM3538	1,151	WD	11.71	47	81.5	208-230/460	0.75	1,60,77
3/4	3600	56C	TENV	VSSEWDM3541	1,173	WD	11.71	50	86.5	208-230/460	1	1,60,77
	1800	56C	TENV	VSSEWDM3542	1,191	WD	12.71	54	84	208-230/460	1	1,60,77
1	3600	56C	TENV	VSSEWDM3545	1,233	WD	12.71	53	82.5	208-230/460	1.4	1,60,77
	1800	56C	TENV	VSSEWDM3546	1,246	WD	12.71	54	87.5	208-230/460	1.4	1,60,77
		143TC	TENV	VSSEWDM3546T	1,258	WD	12.77	54	87.5	208-230/460	1.4	1,60,77
1 1/2	3600	56C	TENV	VSSEWDM3550	1,250	WD	13.59	62	85.5	208-230/460	1.8	1,60,77
		145TC	TENV	VSSEWDM3550T	1,261	WD	13.65	63	85.5	208-230/460	1.8	1,60,77
	1800	56C	TEFC	VSSEWDM3554	1,257	WD	14.77	61	88.5	208-230/460	2.1	1,77
		145TC	TEFC	VSSEWDM3554T	1,268	WD	14.83	61	88.5	208-230/460	2.1	1,77
2	3600	145TC	TEFC	VSSEWDM3555T	1,519	WD	14.83	65	86.5	208-230/460	2.5	1,77
	1800	56C	TEFC	VSSEWDM3558	1,531	WD	14.77	61	85.5	208-230/460	2.8	1,77
		145TC	TEFC	VSSEWDM3558T	1,541	WD	14.83	61	85.5	208-230/460	2.8	1,77

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

Standard-E & Super-E
Stainless Steel,
Three Phase,
Totally Enclosed,
C-Face

1/2 thru 20 Hp

NEMA 56C thru 256TC

Applications: Food processing, packaging, outdoor and highly corrosive environments.

Features: All external surfaces 300 series stainless steel: motor frame, endplates, conduit box, shaft and base. Moisture resistant 200°C ISR® magnet wire. Four condensate drains in each endplate. Endplate rabbets sealed and conduit box gasketed. Labyrinth seals each end. Especially effective in highly corrosive environments where paint or other finishes do not hold up. CESSWDM Super-E® motors have NEMA Premium® efficiency and 3 year warranty. See page 82 for 1/2-10 Hp Super-E® all stainless motors.



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)
Foot Mounted												
1/2	3600	56C	TENV	CSSWDM3537	1,047	WD	11.09	34	70	208-230/460	0.9	1,60
	1800	56C	TENV	CSSWDM3538	1,125	WD	11.09	37	75.5	230/460	0.8	1,30,60
3/4	3600	56C	TENV	CSSWDM3541	1,083	WD	11.09	40	80	230/460	1.1	1,30,60
	1800	56C	TENV	CSSWDM3542	1,164	WD	12.09	44	78.5	208-230/460	1	1,60
1	3600	56C	TENV	CSSWDM3545	1,188	WD	11.09	39	82.5	230/460	1.3	1,60
	1800	56C	TENV	CSSWDM3546	1,196	WD	12.09	45	85.5	208-230/460	1.4	1,60
1 1/2	3600	56C	TENV	CSSWDM3550	1,202	WD	12.09	50	85.5	230/460	2	1,60
	1800	56C	TEFC	CSSWDM3554	1,222	WD	13.34	53	85.5	208-230/460	2.1	1
		145TC	TEFC	CSSWDM3554T	1,222	WD	13.42	53	85.5	208-230/460	2.1	1
2	3600	145TC	TEFC	CSSWDM3555T	1,471	WD	14.30	59	84	208-230/460	2.6	1
	1800	56C	TEFC	CSSWDM3558	1,486	WD	13.34	55	84	230/460	2.8	1
		145TC	TEFC	CSSWDM3558T	1,486	WD	13.42	56	84	230/460	2.8	1
3	3600	145TC	TEFC	CSSWDM3559T	1,769	WD	14.30	61	85.5	230/460	3.7	1
		182TC	TEFC	CSSWDM3610T	1,838	WD	15.61	89	85.1	208-230/460	3.7	1
	1800	182TC	TEFC	CESSWDM3611T	1,799	WD	16.82	91	89.5	230/460	4	1
		182TC	TEFC	CSSWDM3611T	1,698	WD	16.82	89	87.5	208-230/460	4.5	1
5	3600	184TC	TEFC	CESSWDM3613T	2,093	WD	18.32	103	90.2	230/460	5.7	1
		184TC	TEFC	CSSWDM3613T	1,935	WD	16.82	95	87.5	208-230/460	5.7	1
	1800	184TC	TEFC	CESSWDM3615T	2,025	WD	18.32	115	90.2	230/460	6.4	1,30
		184TC	TEFC	CSSWDM3615T	1,950	WD	18.32	109	87.5	208-230/460	6.5	1
7 1/2	3600	213TC	TEFC	CESSWDM3709T	2,456	WD	19.03	164	91	230/460	8.3	1
		213TC	TEFC	CSSWDM3709T	2,254	WD	19.03	157	88.5	208-230/460	8.9	1
	1800	213TC	TEFC	CESSWDM3710T	2,533	WD	20.16	157	91.7	230/460	9.5	1
		213TC	TEFC	CSSWDM3710T	2,302	WD	20.16	152	89.5	208-230/460	9.7	1
10	3600	215TC	TEFC	CESSWDM3711T	2,741	WD	20.16	185	91.7	208-230/460	10.6	1
		215TC	TEFC	CSSWDM3711T	2,559	WD	20.16	174	89.5	208-230/460	11.9	1
	1800	215TC	TEFC	CSSWDM3714T	2,600	WD	21.66	187	89.5	208-230/460	12.4	1,20
		215TC	TEFC	CESSWDM3714T	2,794	WD	21.66	158	92.4	230/460	12.5	1
15	3600	254TC	TEFC	CESSWDM23994T	5,595	WD	21.94	240	91.7	230/460	17.6	1
	1800	254TC	TEFC	CESSWDM23933T	5,506	WD	23.57	246	92.4	230/460	18	1,30
20	3600	256TC	TEFC	CESSWDM41906T	6,422	WD	23.57	292	91	230/460	23	1
	1800	256TC	TEFC	CESSWDM23934T	6,386	WD	23.57	300	93	230/460	24	1,30

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

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

Commercial Motors

HVAC Motors

Standard-E & Super-E Stainless Steel, Three Phase, Totally Enclosed, C-Face

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)
Footless												
1/2	3600	56C	TENV	VSSWDM3537	1,023	WD	11.09	34	70	208-230/460	0.9	1,60
	1800	56C	TENV	VSSWDM3538	1,101	WD	11.09	37	75.5	230/460	0.8	1,30,60
		56C	TEFC	VSSFWDM3538	1,164	WD	12.88	35	84.3	208-230/460	0.8	1
3/4	3600	56C	TENV	VSSWDM3541	1,062	WD	11.09	40	80	208-230/460	1.1	1,30,60
	1800	56C	TENV	VSSWDM3542	1,141	WD	12.09	44	78.5	208-230/460	1	1,60
		56C	TEFC	VSSFWDM3542	1,202	WD	12.88	39	82.5	208-230/460	1	1
1	3600	56C	TENV	VSSWDM3545	1,164	WD	11.09	38	82.5	230/460	1.3	1,60
	1800	56C	TENV	VSSWDM3546	1,173	WD	12.09	47	85.5	208-230/460	1.4	1,60
		56C	TEFC	VSSFWDM3546	1,234	WD	14.94	39	86.5	208-230/460	1.4	1
1 1/2	3600	56C	TENV	VSSWDM3550	1,179	WD	12.09	49	85.5	230/460	2	1,60
	1800	145TC	TEFC	VSSWDM3554T	1,198	WD	13.42	51	85.5	208-230/460	2.1	1
2	3600	145TC	TEFC	VSSWDM3555T	1,447	WD	14.30	57	84	208-230/460	2.6	1
	1800	145TC	TEFC	VSSWDM3558T	1,463	WD	13.42	52	84	230/460	2.8	1
3	3600	145TC	TEFC	VSSWDM3559T	1,745	WD	14.30	57	85.5	230/460	3.7	1
	1800	182TC	TEFC	VSSWDM3611T	1,659	WD	16.82	86	87.5	208-230/460	4.5	1
5	3600	184TC	TEFC	VSSWDM3613T	1,897	WD	16.82	92	87.5	208-230/460	5.7	1
	1800	184TC	TEFC	VSSWDM3615T	1,911	WD	18.32	108	87.5	208-230/460	6.5	1

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

SSE Stainless,
Three Phase,
Totally Enclosed,
C-Face, 50Hz

0.37 thru 1.5 kW

IEC D80D thru D90C

Applications: Food processing, packaging, outdoor and highly corrosive environments.

Features: Class F insulated motor with 1.15 service factor or higher that operates within class "B" temperature limits at rated horsepower. All external surfaces 300 series stainless steel: motor frame, endplates, conduit box, shaft and base. Moisture resistant 200°C ISR® magnet wire. Hydrophobic aspiration system eliminates condensation from inside the motor. Endplate rabbets have O-ring seals to band. Conduit box is welded to the motor frame. Patented bearing seal to protect motor bearings, inside and out. Epoxy encapsulation prevents any moisture from reaching the windings as well as potting the passage between the band and the conduit box. Nameplate information is laser etched on the band. Catalog numbers also etched on both sides. Especially effective in highly corrosive environments where paint or other finishes do not hold up. NEMA Premium® efficiency and 3-year warranty.



kW/HP	RPM	IEC Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage (a)	Full Load Amps (b)	Notes (c)
B14, C-Face, Foot Mounted												
1.1/1.5	1500	D90C	TEFC	CSSEWDM90114C-57	1,485	WD	14.36	24	88.5	240/380-415	2.5	1
1.5/2	1500	D90C	TEFC	CSSEWDM90154C-57	1,798	WD	15.74	25	88.5	240/380-415	3.2	1
B5, Flange, Footless												
0.37/0.5	1500	D80D	TENV	VSSEWDM80044D-57	1,324	WD	10.92	46	80	240/380-415	0.8	1,60
0.55/0.75	1500	D80D	TENV	VSSEWDM80064D-57	1,370	WD	11.92	51	81.5	240/380-415	1.2	1,60
0.75/1	1500	D80D	TENV	VSSEWDM80084D-57	1,447	WD	—	54	75.5	240/380-415	1.9	1,60
1.1/1.5	1500	D90D	TEFC	VSSEWDM90114D-57	1,459	WD	—	61	85.9	240/380-415	2.3	1
1.5/2	1500	D90D	TEFC	VSSEWDM90154D-57	1,773	WD	—	61	87	240/380-415	3.1	1

(a) Voltage @ 50 Hz, usable on 460 Volt 60 Hz.

(b) Full load amps @ 400 volt nominal - 50 Hz.

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

Above data subject to revision without notice.

**Inverter Motor,
Paint Free,
Three Phase,
Totally Enclosed,
C-Face**

1/2 thru 10 Hp

NEMA 56C thru 215TC

Applications: Conveyors, pumps and other equipment in food processing and severe environments where motors receive washdown on a regular basis.

Features: Includes all the advantages of our standard "Paint Free" washdown duty motors. Specifically designed and built for use on adjustable speed drives. For adjustable speed applications not requiring full torque at zero speed. Not encoder adaptable. 1.00 Service Factor. Class "H" insulated.



Hp	RPM	Max. RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
C-Face, Foot Mounted													
1/2	1800	6000	56C	TENV	IDCSWDM3538	1,305	E2	11.07	29	82.5	230/460	0.8	2,8,60,77
3/4	1800	6000	56C	TENV	IDCSWDM3542	1,478	E2	12.07	36	78.5	230/460	1	2,8,60,77
1	1800	3600	56C	TENV	IDCSWDM3546	1,535	E2	12.07	39	85.5	208-230/460	1.4	2,8,60,77
			143TC	TENV	IDCSWDM3546T	1,535	E2	12.12	39	85.5	208-230/460	1.4	2,8,60,77
1 1/2	1800	4000	56C	TEFC	IDCSWDM3554	1,642	E2	13.30	45	87.5	230/460	2.1	2,8,60,77
			145TC	TEFC	IDCSWDM3554T	1,642	E2	13.30	44	87.5	230/460	2.1	2,8,60,77
2	1800	3600	56C	TEFC	IDCSWDM3558	1,753	E2	14.12	47	86.5	230/460	2.5	2,8,60,77
			145TC	TEFC	IDCSWDM3558T	1,753	E2	14.18	52	86.5	230/460	2.5	2,8,60,77
3	1800	6000	182TC	TEFC	IDCSWDM3611T	1,923	E2	16.56	74	89.5	230/460	4	2,8,60,77
5	1800	6000	184TC	TEFC	IDCSWDM3615T	2,238	E2	18.06	93	90.2	230/460	6.4	2,8,60,77
7 1/2	1800	6000	213TC	TEFC	IDCSWDM3710T	3,389	E2	19.81	140	91.7	230/460	9.5	2,8,60,77
10	1800	6000	215TC	TEFC	IDCSWDM3714T	3,875	E2	21.31	187	92.4	230/460	12.5	2,8,60,77
C-Face, Footless													
1/2	1800	6000	56C	TENV	IDVSWDM3538	1,295	E2	11.07	29	82.5	230/460	0.8	2,8,60,77
3/4	1800	6000	56C	TENV	IDVSWDM3542	1,472	E2	12.07	36	78.5	230/460	1	2,8,60,77
1	1800	3600	56C	TENV	IDVSWDM3546	1,527	E2	12.07	39	85.5	208-230/460	1.4	2,8,60,77
			143TC	TENV	IDVSWDM3546T	1,527	E2	12.12	39	85.5	208-230/460	1.4	2,8,60,77
1 1/2	1800	4000	56C	TEFC	IDVSWDM3554	1,633	E2	13.24	42	87.5	230/460	2.1	2,8,60,77
			145TC	TEFC	IDVSWDM3554T	1,633	E2	13.30	43	87.5	230/460	2.1	2,8,60,77
2	1800	3600	56C	TEFC	IDVSWDM3558	1,739	E2	14.12	49	86.5	230/460	2.5	2,8,60,77
			145TC	TEFC	IDVSWDM3558T	1,739	E2	14.18	49	86.5	230/460	2.5	2,8,60,77
3	1800	6000	182TC	TEFC	IDVSWDM3611T	1,829	E2	16.56	73	89.5	230/460	4	2,8,60,77
5	1800	6000	184TC	TEFC	IDVSWDM3615T	2,132	E2	18.06	101	90.2	230/460	6.4	2,8,60,77

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

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

Commercial Motors

HVAC Motors

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

Commercial Motors

HVAC Motors

Inverter Motor, Three Phase, TENV, C-Face, Foot Mounted

1000:1 CONSTANT TORQUE SPEED RANGE

1 thru 10 Hp

NEMA 143TC thru 254TC

Applications: Conveyors, pumps and other equipment in food processing and other wet environments.

Features: Designed for inverter or vector applications where up to a 1000:1 constant torque speed range is required. Provisions for mounting optional HS25 encoder feedback devices shown on page 210 for use in closed loop velocity or position control. Meets NEMA MG 1, Part 31. 1.00 Service Factor. Class “H” insulated.



Hp	RPM	Max. RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	“C” Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1	1800	6000	143TC	IDWNM3546T	1,305	E2	14.90	39	86.5	230/460	1.4	2,8,60,77
1 1/2	1800	6000	145TC	IDWNM3554T	1,438	E2	15.78	50	87.5	230/460	2.1	2,8,60,77
2	1800	6000	182TC	IDWNM3609T	1,584	E2	17.77	69	84	230/460	2.9	2,8,60,77
3	1800	6000	184TC	IDWNM3611T	1,726	E2	17.77	80	88.5	230/460	4	2,8,60,77
5	1800	6000	213TC	IDWNM3707T	1,953	E2	19.84	119	89.5	230/460	6.7	2,8,60,77
7 1/2	1800	5000	254TC	IDWNM22937T	3,026	E2	23.92	242	91	230/460	9.1	2,8,60,77
10	1800	5000	254TC	IDWNM22938T	3,544	E2	23.92	291	91.7	230/460	12	2,8,60,77

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

Vector Motor, Three Phase, TENV, C-Face, Foot Mounted

1000:1 CONSTANT TORQUE SPEED RANGE

1 thru 10 Hp

NEMA 143TC thru 254TC

Applications: Material handling, packaging equipment in food processing and other wet environments.

Features: Designed for inverter or vector applications where up to a 1000:1 constant torque speed range is required. Motors include 1024 PPR HS25 encoder feedback with MS connector. Meets NEMA MG 1, Part 31. 1.00 Service Factor. Class “H” insulated.



Hp	RPM	Max. RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	“C” Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1	1800	6000	143TC	ZDWNM3546T	2,616	E2	14.90	42	86.5	230/460	1.4	2,8,46,60,77
1 1/2	1800	6000	145TC	ZDWNM3554T	2,749	E2	15.78	51	87.5	230/460	2.1	2,8,46,60,77
2	1800	6000	182TC	ZDWNM3609T	2,895	E2	17.77	71	84	230/460	2.9	2,8,46,60,77
3	1800	6000	184TC	ZDWNM3611T	3,039	E2	17.77	79	88.5	230/460	4	2,8,46,60,77
5	1800	6000	213TC	ZDWNM3707T	3,266	E2	19.84	125	89.5	230/460	6.7	2,8,46,60,77
7 1/2	1800	5000	254TC	ZDWNM22937T	4,339	E2	23.92	240	91	230/460	9.1	2,8,46,60,77
10	1800	5000	254TC	ZDWNM22938T	4,857	E2	23.92	292	91.7	230/460	12	2,8,46,60,77

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