

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. Stainless steel shaft extension. Electrostatically applied epoxy finish over autophoretic primer. Class F insulation. 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	620	WD	12.23	37	64	115/230	4	1, 30
3/4	1800	56C	TEFC	CWDL3507	721	WD	12.23	37	68	115/230	5.5	1, 30
1	3600	56C	TEFC	CWDL3509	626	WD	12.23	37	68	115/230	5.9	1, 30
	1800	56C	TEFC	CWDL3510	829	WD	13.23	41	67	115/230	6.4	1, 30
1 1/2	3600	56C	TEFC	CWDL3513	835	WD	13.23	41	70	115/230	8	1, 30
	1800	56C	TEFC	CWDL3514	993	WD	14.12	50	75.5	115/230	8	1, 30
Single Phase, C-Face, Footless												
1/2	1800	56C	TEFC	VWDL3504	594	WD	12.25	37	64	115/230	4	1, 30
3/4	1800	56C	TEFC	VWDL3507	698	WD	12.25	37	68	115/230	5.5	1, 30
1	1800	56C	TEFC	VWDL3510	799	WD	13.25	41	67	115/230	6.4	1, 30
1 1/2	1800	56C	TEFC	VWDL3514	959	WD	14.10	50	75.5	115/230	8	1, 30
Three Phase, Foot Mounted												
1/2	1800	56	TENV	WDM3538	621	WD	11.06	33	80	230/460	0.8	1, 30, 60
3/4	1800	56	TENV	WDM3542	664	WD	11.06	33	78.5	230/460	1.4	1, 30, 60
1	1800	143T	TENV	EWDM3546T	927	WD	12.12	39	85.5	208-230/460	1.5	1, 60
		143T	TENV	WDM3546T	696	WD	11.12	34	82.5	208-230/460	1.5	1, 60
1 1/2	1800	145T	TENV	EWDM3554T	1,019	WD	13.00	50	86.5	208-230/460	2.1	1, 60
		145T	TENV	WDM3554T	760	WD	12.12	41	85.5	208-230/460	2.3	1, 60
2	1800	145T	TEFC	EWDM3558T	1,196	WD	14.18	48	86.5	208-230/460	2.9	1
3	1800	182T	TEFC	EWDM3611T	1,493	WD	16.54	70	89.5	208-230/460	4.2	1
5	1800	184T	TEFC	EWDM3615T	1,699	WD	18.04	93	89.5	208-230/460	6.7	1, 30
7 1/2	1800	213T	TEFC	EWDM3710T	2,127	WD	19.04	136	91.7	230/460	9.4	1, 30
10	1800	215T	TEFC	EWDM3714T	2,317	WD	20.54	165	91.7	230/460	12	1, 30
Three Phase, C-Face, Foot Mounted												
1/2	3600	56C	TENV	CWDM3537	604	WD	11.07	33	70	208-230/460	0.9	1, 60
	1800	56C	TENV	CWDM3538	654	WD	11.06	33	80	230/460	0.8	1, 30, 60
	1200	56C	TENV	CWDM3539	826	WD	12.06	39	77	230/460	1	1, 30, 60
3/4	3600	56C	TENV	CWDM3541	633	WD	11.07	36	80	230/460	1.1	1, 30, 60
	1800	56C	TENV	CWDM3542	709	WD	11.07	34	78.5	230/460	1.4	1, 30, 60
	1200	56C	TENV	CWDM3543	997	WD	12.94	47	78.5	208-230/460	1.3	1, 60
1	3600	56C	TEFC	CEWDM3545	1,039	WD	12.24	35	77	230/460	1.4	1, 60
		56C	TENV	CWDM3545	749	WD	11.07	35	82.5	230/460	1.3	1, 60
	1800	56C	TENV	CEWDM3546	1,044	WD	12.06	39	85.5	208-230/460	1.5	1
		56C	TENV	CWDM3546	760	WD	11.06	34	82.5	208-230/460	1.5	1, 60
		143TC	TENV	CEWDM3546T	1,065	WD	12.13	39	85.5	208-230/460	1.5	1, 60
		143TC	TENV	CWDM3546T	782	WD	12.12	34	82.5	208-230/460	1.5	1, 60
	1200	56C	TEFC	CEWDM3556	1,172	WD	13.24	41	82.5	208-230/460	1.8	1, 60
		56C	TEFC	CWDM3556	963	WD	12.24	35	78.5	208-230/460	1.9	1

(a) See notes on inside back flap.

General Information
Single Phase Motors
General Purpose Industrial Motors
Severe Duty Motors
Large AC Motors
Washdown Duty Motors
Explosion Proof Motors
Pump Motors
Light Industrial/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)
1 1/2	3600	56C	TENV	CEWDM3550	1,068	WD	12.07	48	85.5	208-230/460	2	1, 60
		56C	TENV	CWDM3550	782	WD	12.94	50	82.5	208-230/460	2.1	1, 60
	1800	56C	TEFC	CWDM3554	800	WD	12.24	37	81.5	208-230/460	2.3	1
		145TC	TENV	CEWDM3554T	1,115	WD	13.00	50	86.5	208-230/460	2.1	1, 60
		145TC	TENV	CWDM3554T	823	WD	12.12	41	85.5	208-230/460	2.3	1, 60
1200	56C	TEFC	CWDM3557	1,020	WD	14.12	39	80	208-230/460	2.5	1	
2	3600	56HCY	TEFC	CEWDM3555	1,155	WD	13.24	45	85.5	208-230/460	2.5	1
		56HCY	TEFC	CWDM3555	885	WD	13.59	38	80	208-230/460	2.8	1
		145TC	TEFC	CEWDM3555T	1,178	WD	13.28	41	85.5	208-230/460	2.5	1
	1800	56C	TEFC	CWDM3558	883	WD	13.24	43	82.5	208-230/460	3	1
		145TC	TEFC	CEWDM3558T	1,229	WD	14.16	48	86.5	208-230/460	2.9	1
		145TC	TENV	CEWDM3558T	1,200	WD	14.37	64	88.5	208-230/460	2.7	60
1200	184TC	TEFC	CEWDM3614T	1,441	WD	18.04	90	88.5	208-230/460	3.5		
3	3600	145TC	TEFC	CEWDM3559T	1,451	WD	15.55	59	86.5	230/460	3.5	1, 30
		182TC	TEFC	CEWDM3610T	1,368	WD	15.18	57	86.5	208-230/460	3.6	1
	1800	182TC	TEFC	CEWDM3611T	1,614	WD	16.54	78	89.5	208-230/460	4.2	1
5	1200	213TC	TEFC	CEWDM3704T	1,899	WD	19.78	132	89.5	208-230/460	4.6	1
	3600	184TC	TEFC	CEWDM3613T	1,920	WD	16.54	74	88.5	208-230/460	5.9	1
	1800	184TC	TEFC	CEWDM3615T	1,829	WD	18.04	93	89.5	208-230/460	6.7	1
7 1/2	3600	215TC	TEFC	CEWDM3708T	2,249	WD	20.53	161	89.5	208-230/460	7.3	1
		184TC	TEFC	CEWDM3616T	2,282	WD	18.04	99	89.5	208-230/460	8.4	1
	1800	213TC	TEFC	CEWDM3709T	2,705	WD	19.78	136	89.5	208-230/460	8.6	1
		213TC	TEFC	CEWDM3710T	2,314	WD	19.78	136	91.7	230/460	9.4	1, 30
10	1200	254TC	TEFC	CEWDM22976T	3,861	WD	23.57	280	91	208-230/460	11	1
	3600	215TC	TEFC	CEWDM3711T	2,977	WD	18.64	118	90.2	208-230/460	11.8	1
	1800	215TC	TEFC	CEWDM3714T	2,630	WD	21.27	165	91.7	230/460	12	1
15	1200	256TC	TEFC	CEWDM23932T	4,389	WD	23.57	276	91	208-230/460	15.1	1
	3600	215TC	TEFC	CEWDM3713T	3,741	WD	21.26	174	91	230/460	17	1
	1800	254TC	TEFC	CEWDM23994T	5,255	WD	21.94	188	91	230/460	17	1
20	3600	254TC	TEFC	CEWDM23933T	5,172	WD	23.57	226	92.4	230/460	18	1
	1800	256TC	TEFC	CEWDM41906T	6,031	WD	23.57	242	91	230/460	22.5	1
1800	256TC	TEFC	CEWDM23934T	5,998	WD	23.57	280	93	208-230/460	24	1	
Three Phase, C-Face, Footless												
1/2	1800	56C	TENV	VEWDM3538	868	WD	11.06	33	80	208-230/460	0.8	60
		56C	TEFC	VFWDM3538	678	WD	12.24	30	80	230/460	0.8	1, 30
		56C	TENV	VWDM3538	649	WD	11.06	33	80	230/460	0.8	1, 30, 60
3/4	1800	56C	TENV	VEWDM3542	955	WD	11.06	35	80	230/460	1.2	60
		56C	TEFC	VFWDM3542	733	WD	12.24	32	78.5	230/460	1.4	1, 30
		56C	TENV	VWDM3542	705	WD	11.06	29	80	230/460	0.6	1, 30, 60
1	1800	56C	TENV	VEWDM3546	1,034	WD	12.06	39	85.5	208-230/460	1.5	1, 60
		56C	TENV	VWDM3546	755	WD	11.06	34	82.5	208-230/460	1.5	1, 60
		143TC	TEFC	VEFWDM3546T	1,070	WD	12.30	38	85.5	208-230/460	1.5	1
		143TC	TENV	VEWDM3546T	1,042	WD	12.12	39	85.5	208-230/460	1.5	1, 60
1 1/2	1800	143TC	TENV	VWDM3546T	776	WD	11.12	34	82.5	208-230/460	1.5	1, 60
		56C	TENV	VEWDM3554	1,110	WD	12.94	50	86.5	208-230/460	2.1	1, 60
		56C	TENV	VWDM3554	795	WD	12.07	41	85.5	208-230/460	2.3	1, 60
		145TC	TEFC	VEFWDM3554T	1,148	WD	13.28	41	86.5	208-230/460	2.2	1
		145TC	TENV	VEWDM3554T	1,119	WD	13.00	50	86.5	208-230/460	2.1	1, 60
2	1800	145TC	TENV	VWDM3554T	815	WD	12.13	41	85.5	208-230/460	2.3	1, 60
		56C	TEFC	VEWDM3558	1,181	WD	14.10	48	86.5	208-230/460	2.9	1
		56C	TEFC	VWDM3558	844	WD	13.22	43	82.5	208-230/460	3	1
		145TC	TEFC	VEWDM3558T	1,204	WD	14.18	48	86.5	208-230/460	2.9	1
3	3600	145TC	TEFC	VWDM3558T	926	WD	15.43	39	84	208-230/460	3.1	1
		56C	TEFC	VWDM3559	1,084	WD	14.12	50	85.5	208-230/460	3.7	1
		145TC	TEFC	VWDM3561T	1,510	WD	15.43	62	87.5	208-230/460	4.2	1
	1800	182TC	TEFC	VEWDM3611T	1,513	WD	16.54	70	89.5	208-230/460	4.2	1
		182TC	TEFC	VWDM3611T	1,217	WD	16.56	62	87.5	208-230/460	4.2	1

(a) See notes on inside back flap.

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/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)
5	1800	184TC	TEFC	VEWDM3615T	1,715	WD	18.05	89	89.5	208-230/460	6.7	1
		184TC	TEFC	VWDM3615T	1,520	WD	16.54	81	87.5	208-230/460	6.8	1
7 1/2	1800	213TC	TEFC	VEWDM3710T	2,294	WD	19.78	136	91.7	230/460	9.4	1, 30
		213TC	TEFC	VWDM3710T	1,737	WD	18.63	115	89.5	208-230/460	10.1	1
10	1800	215TC	TEFC	VEWDM3714T	2,465	WD	21.27	165	91.7	208-230/460	12	1
		215TC	TEFC	VWDM3714T	1,981	WD	19.78	136	89.5	208-230/460	13.5	1
Three Phase, 575 Volt, C-Face, Foot Mounted												
1/2	1800	56C	TENV	CWDM3538-5	654	WD	11.07	35	78.5	575	0.6	1, 60
3/4	1800	56C	TENV	CWDM3542-5	709	WD	11.06	37	80	575	0.9	1, 60
1	1800	56C	TENV	CEWDM3546-5	1,044	WD	12.06	39	85.5	575	1.2	1, 60
		56C	TENV	CWDM3546-5	760	WD	11.06	34	82.5	575	1.2	1, 60
1 1/2	1800	145TC	TENV	CEWDM3554T-5	1,115	WD	13.00	50	86.5	575	1.7	1, 60
		145TC	TENV	CWDM3554T-5	823	WD	12.12	41	85.5	575	1.8	1, 60
2	1800	145TC	TEFC	CEWDM3558T-5	1,229	WD	14.16	48	86.5	575	2.4	1
3	1800	182TC	TEFC	CEWDM3611T-5	1,614	WD	16.54	70	89.5	575	3.3	1
5	1800	184TC	TEFC	CEWDM3615T-5	1,829	WD	18.04	93	89.5	575	5.3	1
7 1/2	1800	213TC	TEFC	CEWDM3710T-5	2,314	WD	19.78	195	91.7	575	8.2	1
10	1800	215TC	TEFC	CEWDM3714T-5	2,630	WD	21.27	165	91.7	575	9.6	1
15	1800	254TC	TEFC	CEWDM23933T-5	5,172	WD	23.57	247	92.4	575	14.5	1
20	1800	256TC	TEFC	CEWDM23934T-5	5,998	WD	23.57	249	93	575	19	1
Three Phase, 575 Volt, C-Face, Footless												
1/2	1800	56C	TENV	VWDM3538-5	649	WD	11.06	29	75.5	575	0.6	1, 60
3/4	1800	56C	TENV	VWDM3542-5	705	WD	11.06	37	80	575	0.9	1, 60
1	1800	56C	TENV	VWDM3546-5	755	WD	11.06	34	82.5	575	1.2	1, 60
1 1/2	1800	145TC	TENV	VWDM3554T-5	815	WD	12.12	41	85.5	575	1.8	1, 60
2	1800	145TC	TEFC	VWDM3558T-5	926	WD	13.28	45	84	575	2.2	1

(a) See notes on inside back flap.

General Information
 Single Phase Motors
 General Purpose Industrial Motors
 Severe Duty Motors
 Large AC Motors
 Washdown Duty Motors
 Explosion Proof Motors
 Pump Motors
 Light Industrial/Commercial Motors
 HVAC Motors

**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	2,025	WD	15.31	42	84	208-230/460	0.9	3	60
3/4	1800	56C	TENV	CEWDBM3542	2,188	WD	15.31	44	84	230/460	1.1	6	60
1	1800	56C	TENV	CEWDBM3546	2,246	WD	16.31	50	85.5	208-230/460	1.5	6	60
		143TC	TENV	CEWDBM3546T	2,269	WD	16.81	51	85.5	208-230/460	1.5	6	60
1 1/2	1800	145TC	TENV	CEWDBM3554T	2,444	WD	18.14	61	86.5	208-230/460	2.1	10	60
2	1800	145TC	TEFC	CEWDBM3558T	2,487	WD	19.44	48	86.5	208-230/460	2.9	10	
3	1800	182TC	TEFC	CEWDBM3611T	3,009	WD	21.80	93	89.5	208-230/460	4.2	15	
5	1800	184TC	TEFC	CEWDBM3615T	3,635	WD	23.30	93	89.5	208-230/460	6.7	25	

(a) See notes on inside back flap.

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

1 1/2 thru 3 Hp

NEMA 145T thru 184TZ

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 insulation system. Top mounted F3 conduit box. Sealed ball bearings with moisture-resistant grease. C-Face motor windings are epoxy encapsulated for added moisture protection.



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	“C” Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot Mounted											
1 1/2	1200	145TY	WDM3553TP-9	1,165	WD	15.53	39	85.5	230/460	2.7	
2	1800	145T	WDM3558TP-9	1,034	WD	13.28	41	84	208-230/460	3.1	
	1200	184TZ	WDM3663TP-9	1,220	WD	16.16	90	86.5	230/460	3.6	
3	1800	145T	WDM3561TP-9	1,304	WD	15.04	62	87.5	230/460	4	1
		145TY	WDM3563TP-9	1,304	WD	15.04	62	87.5	230/460	4	
C-Face, Foot Mounted, Encapsulated											
3	1800	145TC	CWDM3561TP-9	1,452	WD	15.53	63	87.5	230/460	4	

(a) See notes on inside back flap.

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

BALDOR • RELIANCE®

**Close-Coupled Pump, 1 thru 15 Hp
Three Phase,
Totally Enclosed**

NEMA 143JM thru 215JM

Applications: Commercial and industrial water pumps, food processing and applications that expose the motor to high pressure washdown.



Features: Over-sized ball bearings with locked drive end construction for minimum shaft movement. Moisture sealant on bolt heads, between frame and endplates. Neoprene gaskets. V-Ring running contact v-ring slinger. Stainless steel shaft extension. Electrostatic epoxy coating.

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)
1	1800	143JM	TENV	JMWDM3546T	954	WD	14.25	34	82.5	208-230/460	1.5	1, 60
	3600	143JM	TEFC	JMWDM3550T	998	WD	15.43	38	82.5	208-230/460	2.1	1
1 1/2	1800	145JM	TENV	JMWDM3554T	998	WD	14.25	41	85.5	208-230/460	2.3	2, 20, 60
	3600	145JM	TEFC	JMWDM3555T	1,110	WD	15.43	41	84	208-230/460	2.6	1
2	1800	145JM	TEFC	JMWDM3558T	1,044	WD	15.43	39	84	208-230/460	3.1	1
	3600	145JM	TEFC	JMWDM3559T	1,249	WD	16.34	50	85.5	208-230/460	3.7	1
3	1800	182JM	TEFC	JMWDM3611T	1,249	WD	18.22	72	87.5	208-230/460	4.2	1
	3600	184JM	TEFC	JMWDM3613T	1,601	WD	18.05	79	87.5	208-230/460	5.8	1
5	1800	184JM	TEFC	JMWDM3615T	1,398	WD	18.05	82	87.5	208-230/460	6.8	1
	3600	184JM	TEFC	JMWDM3616T	1,814	WD	19.55	94	88.5	208-230/460	8.7	2, 20
7 1/2	1800	213JM	TEFC	JMWDM3710T	1,787	WD	19.78	115	89.5	208-230/460	10.1	1
	3600	215JM	TEFC	JMWDM3711T	2,438	WD	19.78	125	89.5	208-230/460	12	1
10	1800	215JM	TEFC	JMWDM3714T	2,257	WD	20.91	136	89.5	208-230/460	13.5	2, 20
	3600	215JM	TEFC	JMWDM3713T	2,904	WD	21.66	160	90.2	208-230/460	17.3	2, 8

(a) See notes on inside back flap.

**SSE Super-E
Stainless Steel,
Close-Coupled Pump,
Three Phase,
Totally Enclosed,
Encapsulated**

1 thru 10 Hp

NEMA 143JM thru 215JM

Applications: Commercial and industrial water pumps, food processing and applications that expose the motor to high pressure washdown.



Features: Stainless steel motor frame, endplates, conduit box, shaft and base. Moisture resistant insulation system. Endplate rabbets have O-ring seals. Conduit box is welded to the motor frame. Patented bearing seal to protect motor bearings. Epoxy encapsulation, Class H insulation. Laser etched nameplate. NEMA Premium® efficiency. 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)
Footless												
1	1800	143JM	TENV	JMSSEWDM3546T	1,805	WD	14.81	60	87.5	208-230/460	1.5	60
	3600	143JM	TENV	JMSSEWDM3550T	1,809	WD	15.69	69	85.5	208-230/460	1.8	60
1 1/2	1800	145JM	TEFC	JMSSEWDM3554T	1,820	WD	16.95	53	88.5	208-230/460	2.2	
	3600	145JM	TEFC	JMSSEWDM3555T	2,138	WD	16.95	55	86.5	208-230/460	2.5	
2	1800	145JM	TEFC	JMSSEWDM3558T	2,168	WD	18.33	74	88.5	208-230/460	2.7	
	3600	145JM	TEFC	JMSSEWDM3559T	2,568	WD	18.33	83	86.5	208-230/460	3.7	
3	1800	182JM	TEFC	JMSSEWDM3611T	2,696	WD	18.23	100	89.5	208-230/460	4	
	3600	184JM	TEFC	JMSSEWDM3613T	2,904	WD	18.23	106	89.5	208-230/460	5.6	
5	1800	184JM	TEFC	JMSSEWDM3615T	2,924	WD	19.73	101	90.2	208-230/460	6.4	
	3600	213JM	TEFC	JMSSEWDM3709T	3,423	WD	21.56	129	91	208-230/460	8.3	
7 1/2	1800	213JM	TEFC	JMSSEWDM3710T	3,487	WD	22.75	135	91.7	208-230/460	9.5	
	3600	215JM	TEFC	JMSSEWDM3711T	3,838	WD	22.75	154	91.7	208-230/460	10.6	
10	1800	215JM	TEFC	JMSSEWDM3714T	4,049	WD	24.19	187	92.4	208-230/460	12.5	

(a) See notes on inside back flap.

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/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: Sealed ball bearings with moisture-resistant grease. Rotating non-contact labyrinth seal on output shaft extension. Moisture resistant insulation system. Neoprene gaskets. Special processed cast endplates. 300 series stainless steel motor frame, base, shaft and hardware. No exterior paint. 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)
Foot Mounted												
1/2	3600	56C	TENV	CSWDM3537	731	WD	11.06	23	70	208-230/460	0.9	60
	1800	56C	TENV	CSWDM3538	715	WD	11.06	33	80	230/460	0.8	1, 30, 60
	1200	56C	TENV	CSWDM3539	1,000	WD	12.06	39	80	230/460	0.8	1, 30, 60
3/4	3600	56C	TENV	CSWDM3541	767	WD	11.06	34	80	208-230/460	1.1	60
	1800	56C	TENV	CSWDM3542	825	WD	11.06	33	78.5	230/460	1.4	1, 30, 60
	1200	56C	TENV	CSWDM3543	1,207	WD	12.06	42	78.5	230/460	1.4	1, 30, 60
1	3600	56C	TENV	CSWDM3545	907	WD	11.06	28	82.5	208-230/460	1.3	60
	1800	56C	TENV	CESWDM3546	1,150	WD	12.06	39	85.5	208-230/460	1.5	1, 60
		56C	TENV	CSWDM3546	854	WD	11.06	34	82.5	208-230/460	1.5	1, 60
		143TC	TENV	CSWDM3546T	854	WD	12.12	34	82.5	208-230/460	1.5	1, 60
	1200	56C	TEFC	CSWDM3556	1,166	WD	12.24	37	77	208-230/460	1.7	1
1 1/2	3600	56C	TENV	CSWDM3550	947	WD	12.94	46	82.5	208-230/460	2.1	60
	1800	56C	TENV	CSWDM3554	894	WD	12.06	41	85.5	208-230/460	2.3	1, 60
		145TC	TENV	CESWDM3554T	1,205	WD	13.00	50	86.5	208-230/460	2.1	1, 30, 60
		145TC	TENV	CSWDM3554T	894	WD	12.12	41	85.5	208-230/460	2.3	1, 60
	1200	56C	TEFC	CSWDM3557	1,234	WD	14.12	41	80	208-230/460	2.5	1
2	3600	145TC	TEFC	CESWDM3555T	1,427	WD	13.28	49	86.5	208-230/460	2.5	
	1800	56C	TEFC	CSWDM3558	1,101	WD	13.24	45	86.5	208-230/460	2.9	1
		145TC	TEFC	CESWDM3558T	1,479	WD	15.54	56	88.5	208-230/460	2.8	1
3	3600	145TC	TEFC	CESWDM3559T	1,756	WD	15.54	57	86.5	208-230/460	3.6	
	1800	182TC	TEFC	CESWDM3611T	1,809	WD	16.56	51	89.5	208-230/460	4	1
5	3600	184TC	TEFC	CESWDM3613T	2,227	WD	18.06	85	90.2	208-230/460	5.7	
	1800	184TC	TEFC	CESWDM3615T	2,105	WD	18.06	93	89.5	208-230/460	6.7	1
7 1/2	3600	213TC	TEFC	CESWDM3709T	2,811	WD	18.68	129	91	208-230/460	8.3	
	1800	213TC	TEFC	CESWDM3710T	2,590	WD	19.81	136	91.7	230/460	9.5	1
10	3600	215TC	TEFC	CESWDM3711T	3,116	WD	19.81	154	91.7	208-230/460	10.6	
	1800	215TC	TEFC	CESWDM3714T	2,947	WD	21.31	165	91.7	230/460	12	1
Footless												
1/2	1800	56C	TENV	VSWDM3538	707	WD	11.06	33	80	230/460	0.8	1, 30, 60
3/4	1800	56C	TENV	VSWDM3542	818	WD	11.06	33	78.5	230/460	1.4	1, 30, 60
1	1800	56C	TENV	VESWDM3546	1,095	WD	12.06	39	85.5	208-230/460	1.5	1, 60
		56C	TENV	VSWDM3546	849	WD	11.06	34	82.5	208-230/460	1.5	1, 60
		143TC	TENV	VSWDM3546T	849	WD	11.12	34	82.5	208-230/460	1.5	1, 60
		56C	TENV	VESWDM3554	1,192	WD	12.95	50	86.5	208-230/460	2.1	1, 60
1 1/2	1800	56C	TENV	VSWDM3554	890	WD	12.06	41	85.5	208-230/460	2.3	1, 60
		145TC	TENV	VESWDM3554T	1,192	WD	13.00	50	86.5	208-230/460	2.1	1, 60
		145TC	TENV	VSWDM3554T	890	WD	12.12	41	85.5	208-230/460	2.3	1, 60
2	1800	145TC	TEFC	VESWDM3558T	1,361	WD	15.56	62	88.5	208-230/460	2.8	1
		145TC	TEFC	VSWDM3558T	1,093	WD	13.31	39	84	208-230/460	3.1	1

(a) See notes on inside back flap.

General Information
Single Phase Motors
General Purpose Industrial Motors
Severe Duty Motors
Large AC Motors
Washdown Duty Motors
Explosion Proof Motors
Pump Motors
Light Industrial/Commercial Motors
HVAC Motors

**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 insulation system. 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. 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)	
Foot Mounted													
1/2	3600	56C	TENV	CSSWDM3537	1,245	WD	11.09	33	70	208-230/460	0.9	1, 60	
	1800	56C	TENV	CSSWDM3538	1,336	WD	11.09	34	80	208-230/460	0.9	1, 60	
3/4	3600	56C	TENV	CSSWDM3541	1,287	WD	11.09	40	80	230/460	1.1	1, 30, 60	
	1800	56C	TENV	CSSWDM3542	1,383	WD	11.09	38	82.5	208-230/460	1.1	1, 60	
1	3600	56C	TENV	CSSWDM3545	1,411	WD	11.09	41	82.5	230/460	1.3	1, 30, 60	
	1800	56C	TENV	CSSWDM3546	1,420	WD	11.09	47	85.5	208-230/460	1.5	1, 60	
			143TC	TEFC	CESSWDM3546T	1,426	WD	13.42	52	87.5	208-230/460	1.5	
1 1/2	3600	56C	TENV	CESSWDM3550	1,419	WD	12.97	50	85.5	208-230/460	1.8	1, 60	
		143TC	TENV	CESSWDM3550T	1,431	WD	13.23	54	85.5	208-230/460	1.8	60	
	1800	56C	TEFC	CSSWDM3554	1,452	WD	13.34	49	84	208-230/460	2.4	1	
		145TC	TEFC	CESSWDM3554T	1,453	WD	13.42	45	87.5	208-230/460	2.1		
2	3600	145TC	TEFC	CESSWDM3555T	1,734	WD	14.30	63	86.5	208-230/460	2.5		
		1800	56C	TEFC	CSSWDM3558	1,765	WD	13.34	45	86.5	208-230/460	2.9	1
			145TC	TEFC	CESSWDM3558T	1,746	WD	15.67	62	88.5	208-230/460	2.8	
3	3600	145TC	TEFC	CESSWDM3559T	2,089	WD	15.67	74	86.5	208-230/460	3.7		
		182TC	TEFC	CESSWDM3610T	2,231	WD	16.82	82	88.5	208-230/460	3.7		
5	3600	184TC	TEFC	CESSWDM3613T	2,374	WD	18.32	87	90.2	230/460	5.7	1, 30	
		1800	184TC	TEFC	CESSWDM3615T	2,297	WD	18.32	101	90.2	230/460	6.4	1, 30
7 1/2	3600	213TC	TEFC	CESSWDM3709T	2,786	WD	19.03	166	91	230/460	8.3	1, 30	
		1800	213TC	TEFC	CESSWDM3710T	2,873	WD	20.16	137	91.7	230/460	9.5	1
10	3600	215TC	TEFC	CESSWDM3711T	3,109	WD	20.16	184	91.7	208-230/460	10.6	1	
		1800	215TC	TEFC	CESSWDM3714T	3,169	WD	21.66	190	92.4	230/460	12.5	1, 30
15	3600	254TC	TEFC	CESSWDM23994T	6,345	WD	24.67	291	91	208-230/460	16.5	1	
		1800	254TC	TEFC	CESSWDM23933T	6,245	WD	24.67	293	92.4	230/460	17.7	1, 30
20	3600	256TC	TEFC	CESSWDM41906T	7,283	WD	24.67	248	91	230/460	21.5	1	
		1800	256TC	TEFC	CESSWDM23934T	7,242	WD	24.67	255	93	230/460	23.4	1, 30
Footless													
1/2	3600	56C	TENV	VSSWDM3537	1,215	WD	11.09	33	70	208-230/460	0.9	1, 60	
	1800	56C	TEFC	VSSFWDM3538	1,383	WD	12.34	33	80	208-230/460	0.9	1	
			56C	TENV	VSSWDM3538	1,308	WD	11.09	35	84	230/460	0.9	1, 30, 60
3/4	3600	56C	TENV	VSSWDM3541	1,262	WD	11.09	35	80	230/460	1.1	1, 30, 60	
		1800	56C	TEFC	VSSFWDM3542	1,428	WD	12.34	38	82.5	208-230/460	1.1	1
			56C	TENV	VSSWDM3542	1,356	WD	11.09	38	82.5	208-230/460	1.1	1, 60
1	3600	56C	TENV	VSSWDM3545	1,383	WD	11.09	35	82.5	230/460	1.3	1, 30, 60	
		1800	56C	TEFC	VSSFWDM3546	1,466	WD	13.34	50	85.5	208-230/460	1.5	1
			56C	TENV	VSSWDM3546	1,393	WD	11.09	47	85.5	208-230/460	1.5	1, 60
1 1/2	3600	56C	TENV	VSSWDM3550	1,401	WD	12.09	48	85.5	230/460	2	1, 30, 60	
		1800	145TC	TEFC	VSSWDM3554T	1,537	WD	13.42	37	84	208-230/460	2.4	1
2	3600	145TC	TEFC	VSSWDM3555T	1,856	WD	14.30	50	84	208-230/460	2.6	1	
		1800	145TC	TEFC	VSSWDM3558T	1,876	WD	13.42	45	86.5	208-230/460	2.9	1

(a) See notes on inside back flap.

General Information
Single Phase Motors
General Purpose Industrial Motors
Severe Duty Motors
Large AC Motors
Washdown Duty Motors
Explosion Proof Motors
Pump Motors
Light Industrial/Commercial Motors
HVAC Motors

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)
3	3600	145TC	TEFC	VSSWDM3559T	2,238	WD	14.30	55	85.5	230/460	3.7	1, 30
	1800	182TC	TEFC	VSSWDM3611T	2,128	WD	16.82	72	87.5	208-230/460	4.5	1
5	3600	184TC	TEFC	VSSWDM3613T	2,433	WD	16.82	94	87.5	208-230/460	5.7	1
	1800	184TC	TEFC	VSSWDM3615T	2,451	WD	18.32	136	87.5	208-230/460	6.5	1
575 Volt, Foot Mounted												
1/2	1800	56C	TENV	CSSWDM3538-5	1,336	WD	11.09	33	80	575	0.7	60
3/4	1800	56C	TENV	CSSWDM3542-5	1,383	WD	11.09	42	82.5	575	0.9	60
1	1800	56C	TENV	CSSWDM3546-5	1,420	WD	11.09	43	85.5	575	1.2	60
		143TC	TEFC	CESSWDM3546T-5	1,426	WD	13.42	46	87.5	575	1.3	
1 1/2	1800	145TC	TEFC	CESSWDM3554T-5	1,453	WD	13.42	49	87.5	575	1.7	
2	1800	145TC	TEFC	CESSWDM3558T-5	1,746	WD	15.67	62	88.5	575	2.2	

(a) See notes on inside back flap.

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

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

1/2 thru 10 Hp

NEMA 56C thru 215TC

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

Features: Class H insulated motor with 1.15 service factor or higher. All external surfaces 300 series stainless steel: motor frame, endplates, conduit box, shaft and base. Moisture resistant insulation system. 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, F1 Mounting													
1/2	3600	56C	TENV	CSSEWDM3537	1,412	WD	11.71	38	84	208-230/460	0.7	60, 77	
	1800	56C	TENV	CSSEWDM3538	1,433	WD	11.71	48	84	230/460	0.9	60, 77	
	1200	56C	TENV	CSSEWDM3539	1,721	WD	12.75	37	77	208-230/460	0.9	60, 77	
3/4	3600	56C	TENV	CSSEWDM3541	1,459	WD	11.71	45	86.5	208-230/460	1	60, 77	
	1800	56C	TENV	CSSEWDM3542	1,481	WD	12.71	59	84	208-230/460	1	60, 77	
	1200	56C	TENV	CSSEWDM3543	1,769	WD	13.59	60	82.5	208-230/460	1.3	60, 77	
1	3600	56C	TENV	CSSEWDM3545	1,532	WD	12.71	43	82.5	208-230/460	1.4	60, 77	
	1800	56C	TENV	CSSEWDM3546	1,547	WD	12.71	56	87.5	208-230/460	1.5	60, 77	
		143TC	TENV	CSSEWDM3546T	1,560	WD	12.77	59	87.5	208-230/460	1.5	60, 77	
1 1/2	3600	56C	TENV	CSSEWDM3550	1,552	WD	13.59	50	85.5	208-230/460	1.8	60, 77	
		143TC	TENV	CSSEWDM3550T	1,565	WD	13.65	50	85.5	208-230/460	1.8	60, 77	
		56C	TEFC	CSSEWDM3554	1,559	WD	14.75	62	88.5	230/460	2.2	77, 30	
2	1800	145TC	TEFC	CSSEWDM3554T	1,574	WD	14.81	52	88.5	208-230/460	2.2	77	
		56C	TEFC	CSSEWDM3555	1,857	WD	14.75	71	86.5	208-230/460	2.5	77	
		145TC	TEFC	CSSEWDM3555T	1,870	WD	14.81	71	86.5	208-230/460	2.5	77	
3	1200	56C	TEFC	CSSEWDM3558	1,884	WD	16.13	67	88.5	208-230/460	2.7	77	
		145TC	TEFC	CSSEWDM3558T	1,897	WD	16.19	57	88.5	208-230/460	2.7	77	
		184TC	TEFC	CSSEWDM3614T	2,251	WD	19.25	91	88.5	230/460	3.5		
5	3600	145TC	TEFC	CSSEWDM3559T	2,267	WD	16.19	83	86.5	208-230/460	3.7	77	
		1800	182TC	TEFC	CSSEWDM3611T	2,283	WD	17.75	102	89.5	208-230/460	4	77
		1800	184TC	TEFC	CSSEWDM3613T	2,474	WD	17.75	81	89.5	208-230/460	5.6	77
7 1/2	1800	184TC	TEFC	CSSEWDM3615T	2,493	WD	19.25	110	90.2	208-230/460	6.4	77	
		3600	213TC	TEFC	CSSEWDM3709T	3,104	WD	20.43	178	91	208-230/460	8.3	77
		1800	213TC	TEFC	CSSEWDM3710T	3,168	WD	21.62	189	91.7	230/460	9.5	30, 77
10	3600	215TC	TEFC	CSSEWDM3711T	3,520	WD	21.62	202	91.7	208-230/460	10.6	77	
	1800	215TC	TEFC	CSSEWDM3714T	3,730	WD	23.06	187	92.4	208-230/460	12.5	77	
Foot Mounted, F2 Mounting													
1	1800	143TC	TENV	CSSEWDM3546T	1,560	WD	12.77	54	87.5	208-230/460	1.5	60, 77	
1 1/2	1800	145TC	TEFC	CSSEWDM3554T	1,574	WD	14.83	62	88.5	230/460	2.2	77, 30	
2	1800	145TC	TEFC	CSSEWDM3558T	1,897	WD	16.21	68	88.5	208-230/460	2.7	77	
3	1800	182TC	TEFC	CSSEWDM3611T	2,283	WD	17.75	99	89.5	230/460	4	77, 30	
5	1800	184TC	TEFC	CSSEWDM3615T	2,493	WD	19.25	112	89.5	230/460	6.7	77, 30	

(a) See notes on inside back flap.

General Information
Single Phase Motors
General Purpose Industrial Motors
Severe Duty Motors
Large AC Motors
Washdown Duty Motors
Explosion Proof Motors
Pump Motors
Light Industrial/Commercial Motors
HVAC Motors

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

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	VSSEWDM3537	1,344	WD	11.71	38	84	208-230/460	0.7	60, 77
	1800	56C	TEFC	VSSEFWDM3538	1,395	WD	12.88	49	84	208-230/460	0.9	
		56C	TENV	VSSEWDM3538	1,367	WD	11.71	41	84	208-230/460	0.9	60, 77
3/4	3600	56C	TENV	VSSEWDM3541	1,393	WD	11.71	45	86.5	208-230/460	1	60, 77
	1800	56C	TEFC	VSSEFWDM3542	1,443	WD	13.88	55	84	230/460	1.3	
		56C	TENV	VSSEWDM3542	1,415	WD	12.71	49	84	208-230/460	1	60, 77
	1200	56C	TENV	VSSEWDM3543	1,703	WD	13.59	58	82.5	208-230/460	1.3	60, 77
1	3600	56C	TENV	VSSEWDM3545	1,465	WD	12.71	43	82.5	208-230/460	1.4	60, 77
	1800	56C	TEFC	VSSEFWDM3546	1,509	WD	13.88	58	87.5	208-230/460	1.5	
		143TC	TEFC	VSSEFWDM3546T	1,522	WD	13.94	59	87.5	208-230/460	1.5	
		56C	TENV	VSSEWDM3546	1,480	WD	12.71	58	87.5	208-230/460	1.5	60, 77
		143TC	TENV	VSSEWDM3546T	1,494	WD	12.77	40	87.5	208-230/460	1.5	60, 77
	1200	56C	TEFC	VSSEWDM3556	1,763	WD	16.13	72	84	208-230/460	1.7	77
1 1/2	3600	56C	TENV	VSSEWDM3550	1,485	WD	13.59	50	85.5	208-230/460	1.8	60, 77
		143TC	TENV	VSSEWDM3550T	1,499	WD	13.65	50	85.5	208-230/460	1.8	60, 77
	1800	56C	TEFC	VSSEWDM3554	1,493	WD	14.75	66	88.5	230/460	2.2	77
		145TC	TEFC	VSSEWDM3554T	1,507	WD	14.81	52	88.5	230/460	2.2	77
2	3600	145TC	TEFC	VSSEWDM3555T	1,805	WD	14.81	55	86.5	208-230/460	2.5	77
	1800	56C	TEFC	VSSEWDM3558	1,818	WD	16.13	71	88.5	208-230/460	2.7	77
		145TC	TEFC	VSSEWDM3558T	1,831	WD	16.19	55	88.5	208-230/460	2.7	77

(a) See notes on inside back flap.

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

**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	1,551	E2	11.06	35	82.5	208-230/460	0.8	48, 60
3/4	1800	6000	56C	TENV	IDCSWDM3542	1,756	E2	11.06	35	82.5	208-230/460	1.1	48, 60
1	1800	3600	56C	TENV	IDCSWDM3546	1,823	E2	12.06	40	85.5	208-230/460	1.5	48, 60
			143TC	TENV	IDCSWDM3546T	1,823	E2	12.12	39	85.5	230/460	1.5	48, 60
1 1/2	1800	4000	56C	TEFC	IDCSWDM3554	1,950	E2	14.12	52	88.5	230/460	2.1	48
			145TC	TEFC	IDCSWDM3554T	1,950	E2	14.17	50	88.5	230/460	2.1	48
2	1800	3600	56C	TEFC	IDCSWDM3558	2,083	E2	13.24	45	86.5	230/460	2.9	48
		4500	145TC	TEFC	IDCSWDM3558T	2,083	E2	13.29	45	86.5	230/460	2.9	48
3	1800	6000	182TC	TEFC	IDCSWDM3611T	2,284	E2	16.56	72	89.5	230/460	4	48
5	1800	6000	184TC	TEFC	IDCSWDM3615T	2,658	E2	18.06	101	90.2	230/460	6.4	48
7 1/2	1800	6000	213TC	TEFC	IDCSWDM3710T	4,024	E2	19.81	135	91.7	230/460	9.5	48
10	1800	6000	215TC	TEFC	IDCSWDM3714T	4,601	E2	21.31	187	92.4	230/460	12.5	48
C-Face, Footless													
1/2	1800	6000	56C	TENV	IDVSWDM3538	1,538	E2	11.06	35	84	230/460	0.9	48, 60
3/4	1800	6000	56C	TENV	IDVSWDM3542	1,748	E2	11.06	38	82.5	230/460	1.1	48, 60
1	1800	3600	56C	TENV	IDVSWDM3546	1,814	E2	12.06	39	85.5	208-230/460	1.5	48, 60
		6000	143TC	TENV	IDVSWDM3546T	1,814	E2	12.12	39	85.5	208-230/460	1.5	48, 60
1 1/2	1800	4000	56C	TEFC	IDVSWDM3554	1,940	E2	14.12	52	88.5	230/460	2.1	48
			145TC	TEFC	IDVSWDM3554T	1,940	E2	14.17	50	88.5	230/460	2.1	48
2	1800	3600	56C	TEFC	IDVSWDM3558	2,066	E2	13.24	45	86.5	230/460	2.9	48
		4500	145TC	TEFC	IDVSWDM3558T	2,066	E2	13.29	45	86.5	230/460	2.9	48
3	1800	6000	182TC	TEFC	IDVSWDM3611T	2,172	E2	16.56	72	89.5	230/460	4	48
5	1800	6000	184TC	TEFC	IDVSWDM3615T	2,532	E2	18.06	101	90.2	230/460	6.4	48

(a) See notes on inside back flap.

General Information
Single Phase Motors
General Purpose Industrial Motors
Severe Duty Motors
Large AC Motors
Washdown Duty Motors
Explosion Proof Motors
Pump Motors
Light Industrial/Commercial Motors
HVAC Motors

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

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 196 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	1,551	E2	14.90	39	85.5	230/460	1.5	48
1 1/2	1800	4500	145TC	IDWNM3554T	1,708	E2	15.78	50	86.5	230/460	2.1	48
2	1800	6000	182TC	IDWNM3609T	1,882	E2	17.77	72	84	230/460	2.9	48
3	1800	6000	184TC	IDWNM3611T	2,050	E2	17.77	81	88.5	230/460	4	48
5	1800	4000	213TC	IDWNM3707T	2,320	E2	19.84	120	89.5	230/460	6.7	48
7 1/2	1800	5000	254TC	IDWNM22937T	3,593	E2	23.92	242	91	230/460	9.1	48
10	1800	5000	254TC	IDWNM22938T	4,208	E2	23.92	288	91.7	230/460	12	48

(a) See notes on inside back flap.

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

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	3,107	E2	14.90	39	85.5	230/460	1.5	48
1 1/2	1800	4500	145TC	ZDWNM3554T	3,264	E2	15.78	56	86.5	230/460	2.1	48
2	1800	6000	182TC	ZDWNM3609T	3,438	E2	17.77	72	84	230/460	2.9	48
3	1800	6000	184TC	ZDWNM3611T	3,609	E2	17.77	81	88.5	230/460	4	48
5	1800	6000	213TC	ZDWNM3707T	3,878	E2	19.84	124	89.5	230/460	6.7	48
7 1/2	1800	5000	254TC	ZDWNM22937T	5,152	E2	23.92	247	91	230/460	9.1	48
10	1800	5000	254TC	ZDWNM22938T	5,767	E2	23.92	282	91.7	230/460	12	48

(a) See notes on inside back flap.

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