

Single Phase, TEFC

1/3 thru 10 Hp

NEMA 56 thru 215T

Applications: Wide variety of agri-duty and industrial applications.



Features: Ball bearings, lubricated with high temperature moisture-resistant grease. Condensation drains, gasketed cast conduit boxes. Farm Duty epoxy paint protects motor from harsh environments.

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)
Foot Mounted												
1/3	1800	56	FDL3501M	368	K	11.35	23	60	115/230	3	C	30
1/2	1800	56	FDL3504M	432	K	11.97	28	68	115/230	3.7	C	30, 52
3/4	1800	56	FDL3507M	509	K	13.35	38	74	115/230	4.4	C	52
1	1800	56H	FDL3510M	578	K	12.93	40	67	115/230	6.5	C	30, 52
		143T	FDL3510TM	578	L1	13.29	38	67	115/230	6.5	C	30, 52
1 1/2	1800	56H	FDL3514M	652	K	13.81	48	75.5	115/230	9	C	2, 52
		145T	FDL3514TM	652	L1	14.17	48	75.5	115/230	9	C	2, 52
C-Face, Foot Mounted												
1/3	1800	56C	CFDL3501M	498	K	11.35	24	60	115/230	3	C	30
1/2	1800	56C	CFDL3504M	571	K	11.97	29	68	115/230	3.7	C	30, 52
3/4	1800	56C	CFDL3507M	665	K	13.35	37	74	115/230	4.4	C	52
1	1800	56CH	CFDL3510M	753	K	13.25	38	67	115/230	6.5	C	30, 52
1 1/2	1800	56CH	CFDL3514M	848	K	14.12	48	75.5	115/230	9	C	2, 52
2	1800	56CHZ	CFDL3516TM	1,078	K	14.19	53	78	230	8.3	C	1, 52
C-Face, Footless												
1/3	1800	56C	VFDL3501M	479	K	11.35	23	60	115/230	3	C	30
1/2	1800	56C	VFDL3504M	551	K	11.97	28	68	115/230	3.7	C	30, 52
3/4	1800	56C	VFDL3507M	642	K	13.35	38	74	115/230	4.4	C	52
1	1800	56C	VFDL3510M	729	K	14.12	39	67	115/230	6.5	C	30, 52
1 1/2	1800	56C	VFDL3514M	827	K	14.12	47	75.5	115/230	9	C	2, 52
Foot Mounted, Extra High Torque												
2	1800	56HZ	FDL3516TM	927	K	14.19	51	78	230	8.3	C	1, 52
		182T	FDL3611TM	1,041	L1	16.55	75	75	115/230	14	C	2, 52
		184	FDL3611M	1,069	L1	15.68	75	74	115/230	12.4	C	2, 52
3	1800	184	FDL3610M	1,272	L1	17.18	89	80	230	15.5	C	2, 20, 52
		184T	FDL3610TM	1,241	L1	18.05	93	80	230	15.5	C	2, 20, 52
		184T	FDL3619TM	996	L1	16.54	81	81.5	230	13.2	C	2, 20, 52
5	1800	184T	FDL3612TM	1,304	L1	18.05	99	80	230	23	C	2, 20, 52
		215	FDL3731M	1,601	L1	18.64	125	84	230	20.5	C	2, 20, 52
7 1/2	1800	213	FDL3732M	1,847	L1	18.65	142	84	230	30	C	2, 20, 52
		213T	FDL3733TM	1,698	L1	19.02	139	84	230	30	C	2, 20, 52
10	1800	215T	FDL3712TM	1,868	L1	20.77	160	84	230	40	C	2, 20, 52, 89
		215T	FDL3737TM	1,990	L1	21.27	162	86.5	230	39	C	2, 20, 52, 89
C-Face, Footless, Extra High Torque												
2	1800	145TC	VFDL3516TM	1,076	L1	14.17	52	78	230	8.3	C	1, 52
3	1800	184TC	VFDL3610TM	1,458	L1	18.05	97	80	230	15.5	C	2, 20, 52
5	1800	184TC	VFDL3612TM	1,784	L1	18.33	100	80	230	23	C	2, 20, 52

^(a) See notes on inside back flap.

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Starters & Dynamic Brakes

**Grain Dryer/
Centrifugal Fan,
Single and
Three Phase,
TEFC and ODP**

5 thru 50 Hp

NEMA 184TZ thru 326TZ

Applications: High pressure grain drying and storage for commercial and farm applications.

Features: Shaft length is 1" longer than NEMA standard. Screens to protect against entry of trash, snakes and rodents. Three phase ratings meet EPAct efficiencies.



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)
Single Phase, Open Drip Proof												
5	1800	184TZ	GDL1605T	1,431	L1	19.06	98	80	230	22.5	C	2, 20
7 1/2	1800	215TZ	GDL1607T	1,882	L1	22.57	161	82.5	230	32	C	1
10	1800	215TZ	GDL1610T	2,178	L1	22.85	164	84	230	40	C	2, 20
16	1800	256TZ	GDL1615T	3,240	L1	24.19	288	86.5	208-230	62	C	2, 20
Three Phase, Open Drip Proof												
5	1800	184TZ	GDM3218T	791	L1	16.00	69	87.5	208-230/460	6.9	C	
7 1/2	1800	213TZ	GDM3311T	1,123	L1	18.00	92	88.5	208-230/460	10	C	
10	1800	215TZ	GDM3313T	1,361	L1	17.32	129	89.5	208-230/460	13.4	C	
15	1800	254TZ	GDM2513T	1,675	L1	21.00	172	91	208-230/460	19	C	1
20	1800	254TZ	GDM2515T	2,206	L1	23.25	165	91.7	230/460	24	C	30
25	1800	284TZ	GDM2531T	2,710	L1	24.44	329	91.7	230/460	31	C	30
30	1800	284TZ	GDM2535T	3,152	L1	25.94	351	92.4	230/460	36	C	30
Three Phase, Totally Enclosed Fan Cooled												
3	1800	182TZ	GDM3611T	793	L1	16.14	59	84	208-230/460	4.1	C	1
5	1800	184TZ	GDM3615T	918	L1	17.55	77	85.5	208-230/460	6.6	C	1
7 1/2	1800	213TZ	GDM3710T	1,169	L1	18.90	115	89.5	208-230/460	10.1	C	1
10	1800	215TZ	GDM3714T	1,886	L1	20.03	139	89.5	208-230/460	13.5	C	1
15	1800	254TZ	GDM2333T	2,493	L1	22.07	231	89.5	208-230/460	18.9	C	1
20	1800	256TZ	GDM2334T	2,669	L1	23.83	322	91	230/460	25	C	1, 30
25	1800	284TZ	GDM4103T	3,798	L1	26.93	322	92.4	230/460	29	C	1, 30
30	1800	286TZ	GDM4104T	4,485	L1	26.93	322	92.4	230/460	36	C	1, 30
40	1800	324TZ	GDM4110T	5,956	L1	31.39	485	93	230/460	47	C	1
50	1800	326TZ	GDM4115T	6,169	L1	31.28	552	91	230/460	60	C	1, 30

(a) See notes on inside back flap.

■ Cast Iron Frame

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Start & Dynamic Brakes

**Grain Dryer/Vane
Axial Fan,
Single and
Three Phase,
TEAO and OPAO**

1.5 thru 15 Hp

NEMA 145TZ thru 215Z

Applications: Vane axial fan crop dryers.

Features: Shaft 3/4" longer than NEMA standard, shaft keyed, drilled and tapped with internal 1/4-20 tap 1" deep. Thermostats. Epoxy paint.



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)
Single Phase, Totally Enclosed Air Over												
1.5/3	3600	145TZ	UCLE153	950	L1	14.25	52	85.5	230	12.5	C	1, 30
3/4.5	3600	145TZ	UCLE3145	973	L1	15.62	60	82.5	230	12.5	C	2, 20
5/7.5	3600	182TZ	UCLE570	1,185	L1	16.88	94	84	230	20.5	C	2, 8
7.5/10	3600	182TZ	UCLE7510	1,281	L1	16.88	92	85.5	230	38	C	2, 20, 30
10/15	3600	215Z	UCLE1015	1,985	L1	18.56	160	89	230	46	C	2, 20
Single Phase, Open Air Over												
1.5/3	3600	145TZ	UCL153	864	L1	14.25	51	77	230	13.6	C	2, 20
3/4.5	3600	145TZ	UCL3145	919	L1	15.62	60	77.8	230	14.3	C	2, 20
		182Z	UCL345	957	L1	14.88	70	74	230	22	C	2, 20
5/7.5	3600	182TZ	UCL570	1,131	L1	16.88	93	80	230	35	C	2, 20
7.5/10	3600	182TZ	UCL710	1,213	L1	16.88	92	85	230	31	C	2, 20
7.5/10.5		215Z	UCL7510	1,536	L1	17.44	105	81	230	37	C	2, 20
10/15	3600	215Z	UCL1015	1,950	L1	17.81	134	84	230	44	C	2, 20
Three Phase, Totally Enclosed Air Over												
1.5/3	3600	145TZ	UCME153	668	L1	13.37	42	80	208-230/460	4.1	C	2, 20
3/4.5	3600	143TZ	UCME3145	706	L1	13.37	45	84.5	208-230/460	6	C	2, 8
		182Z	UCME345	754	L1	14.88	65	85.5	208-230/460	6	C	2, 20
5/7.5	3600	184TZ	UCME570	887	L1	15.38	66	84	230/460	9	C	2, 20, 30
7.5/10	3600	184TZ	UCME7510	1,040	L1	16.88	82	86.5	230/460	11.5	C	2, 20, 30
7.5/9.2		184TZ	UCME759	1,040	L1	16.88	85	89.5	208-230/460	8.5	C	2, 20
10/14	3600	215Z	UCME1014	1,328	L1	16.69	120	87.5	208-230/460	16.5	C	2, 20
Three Phase, Open Air Over												
1.5/3	3600	145TZ	UCM153	585	L1	13.37	39	80	208-230/460	4.1	C	2, 20
3/4.5	3600	143TZ	UCM3145	655	L1	13.37	45	81.5	208-230/460	6	C	2, 20
		182Z	UCM345	681	L1	14.25	54	84	208-230/460	5.8	C	2, 20
5/7.5	3600	184TZ	UCM575	836	L1	15.38	64	84	230/460	9.5	C	2, 20
7.5/10	3600	184TZ	UCM713	1,000	L1	16.88	86	84	208-230/460	12	C	2
10/15	3600	215Z	UCM1014	1,286	L1	16.69	101	85.5	208-230/460	18	C	2, 20

(a) See notes on inside back flap.

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Starters & Dynamic Brakes

**Universal Crop Dryer, 3 thru 15 Hp
Single Phase,
PSC (switchless),
TEAO and OPAO**

NEMA 184Z thru 215Z

Applications: Specifically engineered for use on vane axial fan crop dryers.



Features: TEAO design prevents entrance of rodents, insects and other foreign matter. High full load efficiency for reduced operating cost. No mechanical switch to wear. No noise and vibration from regeneration. Less sensitive to voltage variations. Soft start. Thermostats. Epoxy paint. 1.00 Service Factor. Class F insulation.

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)
Totally Enclosed Air Over												
3/4.5	3600	184Z	UCCE345	969	L1	14.88	72	82	230	13	C	
5/7.5	3600	184TZ	UCCE570	1,116	L1	16.88	83	84	230	19	C	
7.5/9.2	3600	184TZ	UCCE759	1,229	L1	16.88	90	85.5	230	29	C	
7.5/10.5		215Z	UCCE7510	1,547	L1	17.44	106	84	230	30	C	
13	3600	215Z	UCCE130	1,954	L1	18.57	140	85	230	50	C	
Open Air Over												
5/7.5	3600	184TZ	UCCE5700	1,014	L1	15.38	71	79	230	19.5	C	
7.5/10	3600	184TZ	UCCE7100	1,114	L1	16.88	80	85.5	230	28	C	
10/15	3600	215Z	UCCE10150	2,106	L1	18.57	128	83	230	41	C	

(a) See notes on inside back flap.

**Irrigation
Tower Drive,
Three Phase,
TENV**

1 Hp

NEMA 56

Applications: Irrigation tower drive motors.



Features: Sealed fit at endplates. Sheds water. Conduit box cast into front endplate. Epoxy paint. High overload capabilities. The "P" indicates less pulley endplate for integral mounting; can be field modified for older designs with internal thru bolts. Operable at 50/60 Hz. 1.00 service factor.

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)
No Endplate, Footless												
1	1800	56YZ	IM3540A-P	623	K	11.02	38	79	460	1.8	C	19,60
C-Face, Footless												
1	1800	56C	IM3540A	642	K	13.27	41	79	460	1.8	C	19,60

(a) See notes on inside back flap.

Gearboxes not included in price.

**Auger Drive,
Single Phase,
TEFC, Flange Mount,
Capacitor Start**

1/3 thru 1-1/2 Hp

NEMA 56N Flange

Applications: Poultry feed auger drive systems.



Features: Mechanical protection of centrifugal switch to prevent damage to motor in case of overspeed. Manual reset thermal protection mounted in oversize conduit box. Farm Duty epoxy paint and thermal cover protect motor from harsh environments. Extended shaft (fan end) with wrench flats for manual jogging of auger. NEMA 56N flange connects to the drive/gear box assembly. Gear reducer is assembled to motor. High efficiency design. Moisture resistant 200°C copper windings. Stator and steel frame dipped and baked in 100% solid polyester non-hygroscopic varnish. Heavy duty Type 1 capacitor.

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)
1/3	1800	48YZ	ANFL3501M	460	K	12.44	24	60	115/230	3	C	30
1/2	1800	48YZ	ANFL3504M	516	K	12.44	28	68	115/230	3.7	C	30
3/4	1800	48YZ	ANFL3507M	602	K	13.32	35	74	115/230	4.1	C	30
1	1800	56YZ	ANFL3510M	743	K	13.55	41	67	115/230	6.5	C	30
1 1/2	1800	56YZ	ANFL3514M	1,104	K	14.43	47	75.5	115/230	9	C	2, 30

(a) See notes on inside back flap.

**Grain Stirring,
Single Phase,
TEFC, Foot Mounted**

1-1/2 Hp

NEMA 56Z

Applications: Inside bin grain stirring systems.



Features: Corrosion resistant epoxy finish, slotted fan cover designed to prevent clogging. Manual thermal with cover. 1.00 service factor, Class F insulation.

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)
1 1/2	1800	56Z	GSL3509M	684	K	12.29	42	80	230	6.4	C	

(a) See notes on inside back flap.

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Starters & Dynamic Brakes

**Instant Reversing,
Single Phase,
TEFC, Foot Mounted**

3/4 thru 2 Hp

NEMA 56 thru 184

Applications: Farm applications such as barn cleaners, bulk feeders and industrial applications.



Features: Farm Duty epoxy paint protects motor from harsh environments. Manual thermal with cover mounted in conduit box for protection, ball bearings, condensation drains, heavy-gauge steel construction.

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)
3/4	1800	56Y	IR3507M	567	K	13.25	40	70	115/230	4.6	C	2
1	1800	56	IR3510M	615	K	13.23	40	67	115/230	6.2	C	1
1 1/2	1800	184	IR3603M	1,226	L1	15.68	65	69	230	10	C	
2	1800	184	IR3605M	1,276	L1	15.68	75	71	230	11.5	C	

^(a) See notes on inside back flap.

**Aeration Fan,
Single and
Three Phase,
TEAO,
Foot Mounted**

3/4 thru 3 Hp

NEMA 56 thru 145TZ

Applications: Aeration fans for farm grain storage, exhaust fans, air handling systems, etc.



Features: Lubrication fittings on NEMA T frames for easy on-site maintenance, ball bearings, corrosion protected with epoxy finish. Normally-closed thermostats on three phase motors.

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)
Single Phase												
3/4	3600	56Z	AFL3520A	351	K	11.59	25	71	115/230	5.5	C	2
1	3600	56	AFL3521A	414	K	12.68	38	66	115/230	6	C	2
1 1/2	3600	56	AFL3525A	536	K	12.68	42	70	115/230	8.3	C	2, 30
		143TZ	AFL3522A	574	L1	12.74	43	70	115/230	8.3	C	2, 30
2	3600	143TZ	AFL3523A	701	L1	13.61	50	74	115/230	11.5	C	2
3	3600	145TZ	AFL3524A	731	L1	13.61	51	78	230	15	C	2
Three Phase												
3/4	3600	56Z	AFM3528	356	K	10.97	21	74	230/460	1.3	C	30
1	3600	56Z	AFM3529	387	K	10.97	23	75.5	230/460	1.8	C	30
1 1/2	3600	143TZ	AFM3530	447	L1	12.45	31	80	208-230/460	2.3	C	
3	3600	145T	AFM3532	592	L1	12.74	44	82.5	208-230/460	3.8	C	2

^(a) See notes on inside back flap.

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Start & Dynamic Brakes

**Dairy/Vacuum Pump, 5 thru 10 Hp
Single Phase,
TEFC, Foot Mounted**

NEMA 213T thru 215T

Applications: Vacuum pumps used in the dairy industry.



Features: Manual thermal overload protected, heavy-gauge steel frame. 1.15 Service Factor. 50°C ambient-continuous duty. Farm duty epoxy paint.

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)
5	1800	213T	DEL3708TM	1,986	L1	19.01	142	81	230	21.2	C	1
7 1/2	1800	215T	DEL3733TM	2,606	L1	20.77	162	85	230	28	C	1
10	1800	215T	DEL3737TM	3,183	L1	21.27	160	86.5	230	39	C	8, 89

^(a) See notes on inside back flap.

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Starters & Dynamic Brakes