

**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.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Totally Enclosed Air Over											
3-4.5	3600	184Z	UCCE345	848	L1	14.88	72	82	230	13	2,20
5-7.5	3600	184TZ	UCCE570	977	L1	16.88	83	84	230	19	2,20
7.5-9.2	3600	184TZ	UCCE759	1,076	L1	16.88	90	85.5	230	29	2,20
7.5-10.5	3600	215Z	UCCE7510	1,354	L1	17.44	106	84	230	30	2,20
13	3600	215Z	UCCE130	1,711	L1	18.57	140	85	230	50	2,20
Open Air Over											
5-7.5	3600	184TZ	UCC5700	887	L1	15.38	71	79	230	19.5	2,20
7.5-10	3600	184TZ	UCC7100	975	L1	16.88	80	85.5	230	28	2,20
10-15	3600	215Z	UCC10150	1,844	L1	18.57	128	83	230	41	2,20

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

**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.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
No Endplate, Footless											
1	1800	56YZ	IM3540A-P	545	K	11.02	38	79	460	1.8	2,19,60
C-Face, Footless											
1	1800	56C	IM3540A	562	K	13.27	41	79	460	1.8	2,19,60

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

Gearboxes not included in price.

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

BALDOR • RELIANCE

Farm Duty Motors

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.



Definite Purpose Motors

Unit Handling Motors

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/3	1800	48YZ	ANFL3501M	402	K	12.44	24	60	115/230	3	30
1/2	1800	48YZ	ANFL3504M	451	K	12.44	28	68	115/230	3.7	30
3/4	1800	48YZ	ANFL3507M	527	K	13.32	35	74	115/230	4.1	30
1	1800	56YZ	ANFL3510M	650	K	13.55	41	67	115/230	6.5	30
1 1/2	1800	56YZ	ANFL3514M	966	K	14.43	47	75.5	115/230	9	2,30

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

Brake Motors

200 & 575 Volt Motors

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.



IEC Frame Motors

50 Hertz Motors

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1 1/2	1800	56Z	GSL3509M	598	K	12.29	42	79	230	7.5	2,20

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

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Start & 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	Notes (a)
3/4	1800	56	IR3507M	496	K	13.25	37	65	230	5.2	2
1	1800	56	IR3510M	538	K	13.25	40	65	230	6.2	1
1 1/2	1800	184	IR3603M	1,073	L1	15.68	68	69	230	10	
2	1800	184	IR3605M	1,116	L1	15.68	75	71	230	11.5	

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

**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	Notes (a)
Single Phase											
3/4	3600	56Z	AFL3520A	307	K	11.59	25	71	115/230	5.5	2
1	3600	56	AFL3521A	362	K	12.68	38	66	115/230	6	2
1 1/2	3600	56	AFL3525A	469	K	12.68	40	70	115/230	8.3	2,30
		143TZ	AFL3522A	502	L1	12.74	43	70	115/230	8.3	2,30
2	3600	143TZ	AFL3523A	613	L1	13.61	47	74	115/230	11.5	2
3	3600	145TZ	AFL3524A	640	L1	13.61	49	78	230	15	2
Three Phase											
3/4	3600	56Z	AFM3528	311	K	10.97	21	74	230/460	1.3	30
1	3600	56Z	AFM3529	338	K	10.97	23	75.5	230/460	1.8	30
1 1/2	3600	143T	AFM3530	391	L1	11.74	31	75.5	208-230/460	2.3	
3	3600	145T	AFM3532	518	L1	12.74	49	82.5	208-230/460	3.8	2

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

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

BALDOR • RELIANCE

Farm Duty Motors

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

NEMA 213T thru 215T

Applications: Vacuum pumps used in the dairy industry.

Definite Purpose Motors



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

Unit Handling Motors

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes ^(a)
5	1800	213T	DEL3708TM	1,739	L1	19.01	132	81	230	21.2	1
7 1/2	1800	215T	DEL3733TM	2,282	L1	20.77	162	85	230	28	1
10	1800	215T	DEL3737TM	2,787	L1	20.77	162	86.5	230	39	8,89

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

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Start & Dynamic Brakes