

Baldor offers one of the most complete lines of farm duty motors available on the market. As the largest motor manufacturer in North America, Baldor has led the market for farm duty motors for years. We have the motor for just about any agricultural applications you may have.



Key Features:

- Dynamically balanced rotor to reduce noise and increased bearing life
- Color coded and numbered leads for ease of connectivity
- Corrosion resistant brown epoxy finish
- Optimized windings to protect against voltage drop and phase shift
- Baldor•Reliance motors meet or exceed all efficiency requirements for US, Canada and Mexico regulations

1/3 - 100 Horsepower

Product Line – TEFC, ODP, TEAO, OPAO & TENV enclosures		Super-E	Grain Dryer/ Centrifugal Fan	Grain Dryer/ Vane Axial Fan	Universal Crop Dryer	Aeration Fan	(PSC)- Direct Drive Fan
NEMA Frame sizes		56-405T	184TZ-326TZ	145TZ-215TZ	184Z-215Z	56Z-145T	48Z-56Z
Electrical Features							
Efficiency	Super-E motor designs meet or exceed NEMA Premium® requirements	S	S	S	-	S	-
Torque	NEMA Design B Torques as a minimum	S	-	S	-	S	-
Service Factor & Temp. Rise	1.0 Service Factor – Continuous	S	S	S	S	S	S
	1.15 Service Factor	S	S	S	-	-	-
	1.25 Service Factor	-	-	-	-	S	-
	Class F insulation with Class B rise	S	S	S	S	S	S
Windings	Single Phase	S	S	S	S	S	S
	Three Phase	S	S	S	-	S	-
	Corona inception testing – meets NEMA Part 31.4.4.2	S	S	S	S	S	S
	Single dip & bake with 100% solids epoxy	S	S	S	S	S	S
Connections	Grounding terminal inside main conduit box	S	S	S	S	S	S
Document	Documented final motor tests – ship with motor	A	A	A	A	A	A
Mechanical Features							
Frame	Steel Band Frame – cast iron endplates & conduit box, steel fan cover	S	S	S	S	S	S
	Cast Iron Frame – cast iron endplates & conduit box, steel fan cover	S	S	-	-	-	-
	Screens on ODP to protect against entry or trash, snakes or rodents	-	S	S	S	-	-
Conduit Box	Oversized Conduit box rotatable in 90 degree increments on three phase motors	A	A	A	-	A	-
	Gasketed Conduit box	S	A	A	A	A	-
	NPT Threaded lead inlet hole in conduit box	S	S	-	S	S	S
Lubrication	Lubrication fittings on T frames	S	-	-	-	S	-
	Grease inlet fitting – DE & ODE on bearings not sealed	-	-	-	S	S	-
	Mobil Polyrex™ Em Moisture resistant grease	S	S	S	A	A	S
Shaft Seals	Lip and V-Ring seal on drive end	S	S	S	S	-	-
Cooling	Non-metallic external cooling fan	S	S	-	-	-	-
Paint	Corrosion resistant E-Coat	S	S	S	S	S	S
	Painted with brown 2-part epoxy primer and epoxy finish coat	S	S	S	S	S	S
Nameplate	Laser etched nameplate with highly legible font	S	S	S	S	S	S

S = Standard
A = Available through Mod Express or as custom

BALDOR • RELIANCE**Super-E[®], Three Phase, TEFC****Farm Duty Motors****1 thru 100 Hp****Features:**

- Lubed for life double sealed ball bearings
- Lip seal and V-Ring slinger on DE for increased moisture resistance
- Designed for longevity with 3 year warranty
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2

Applications:

- Industrial Fans
- General Purpose farm
- Industrial Pumps

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	1800	56	FDEM3546	719	K	12.23	38	85.5	230/460	1.5	1, 30
		143T	FDEM3546T	728	L1	12.31	38	85.5	230/460	1.5	1, 30
1 1/2	1800	56	FDEM3554	735	K	13.23	41	86.5	230/460	2.2	1, 30
		145T	FDEM3554T	749	L1	13.31	41	86.5	230/460	2.2	1, 30
2	1800	56	FDEM3558	753	K	13.23	45	86.5	230/460	2.9	1, 30
		145T	FDEM3558T	776	L1	13.31	45	86.5	230/460	2.9	1, 30
3	3600	182T	FDEM3610T	891	L1	16.52	64	87.5	230/460	3.5	1, 30
	1800	182T	FDEM3611T	860	L1	16.55	70	89.5	230/460	4.2	1, 30
5	3600	184T	FDEM3613T	998	L1	16.55	74	88.5	230/460	5.9	1, 30
	1800	184T	FDEM3615T	939	L1	18.05	93	89.5	230/460	6.7	1, 30
7 1/2	3600	213T	FDEM3709T	1,490	L1	17.89	121	89.5	230/460	9	1, 30
	1800	213T	FDEM3710T	1,351	L1	19.02	127	91.7	230/460	9.4	1, 30
10	3600	215T	FDEM3711T	1,510	L1	17.89	118	90.2	230/460	11.8	1, 30
	1800	215T	FDEM3714T	1,522	L1	20.52	165	91.7	230/460	12	1, 30
15	3600	254T	FDEM2394T	2,560	L1	23.66	254	91	230/460	17.5	1, 30
	1800	254T	FDEM2333T	2,346	L1	23.66	270	92.4	230/460	18.1	1, 30
20	3600	256T	FDEM4106T	2,806	L1	23.66	271	91	230/460	23	1, 30
	1800	256T	FDEM2334T	2,836	L1	23.66	300	93	230/460	24	1, 30
25	3600	284TS	FDEM4107T	3,659	L1	24.71	323	91.7	230/460	29	1, 30
	1800	284T	FDEM4103T	3,707	L1	27.76	380	93.6	230/460	30	1, 30
30	3600	286TS	FDEM4108T	4,338	L1	24.71	323	91.7	230/460	34	1, 30
	1800	286T	FDEM4104T	4,388	L1	27.76	425	93.6	230/460	38	1, 30
40	3600	324TS	FDEM4109T	5,977	L1	28.78	528	92.4	230/460	46	1, 30
	1800	324T	FDEM4110T	5,773	L1	30.28	567	94.1	230/460	48	1, 30
50	3600	326TS	FDEM4114T	6,529	L1	28.78	575	93	230/460	56	1, 30
	1800	326T	FDEM4115T	6,299	L1	30.28	610	94.5	230/460	58	1, 30
60	1800	364T	FDEM4314T	9,044	L1	33.48	910	95	230/460	67.8	1, 30
75	1800	365T	FDEM4316T	10,544	L1	33.48	977	95.4	230/460	84.9	1, 30
100	1800	405T	FDEM4400T	13,127	L1	38.19	1,326	95.4	230/460	112	1, 30

(a) See notes on inside back flap.

Red Catalog Number indicates **NEW** Product.

■ Cast Iron Frame

Single Phase, TEFC

1/3 thru 10 Hp



Features:

- Lubed for life double sealed ball bearings
- Lip seal and V-Ring slinger on DE for increased moisture resistance
- Gasketed manual reset thermal overload protection

Applications:

- Agri-duty
- Industrial Fans
- General Purpose farm
- Industrial Pumps

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											
1/3	1800	56	FDL3501M	431	K	11.35	23	60	115/230	3	13, 30
1/2	1800	56	FDL3504M	503	K	11.97	28	68	115/230	3.7	12, 30
3/4	1800	56	FDL3507M	591	K	13.35	37	74	115/230	4.4	12
1	1800	56H	FDL3510M	669	K	12.93	41	67	115/230	6.5	30
		143T	FDL3510TM	669	L1	13.29	40	67	115/230	6.5	30
1 1/2	1800	56H	FDL3514M	753	K	13.91	49	80	115/230	6.2	2
		145T	FDL3514TM	755	L1	14.17	51	80	115/208-230	6.2	2
C-Face, Foot Mounted											
1/2	1800	56C	CFDL3504M	661	K	11.97	28	68	115/230	3.7	12, 30
3/4	1800	56C	CFDL3507M	768	K	13.35	39	74	115/230	4.4	12
1	1800	56CH	CFDL3510M	867	K	13.25	47	67	115/230	6.5	30
1 1/2	1800	56CH	CFDL3514M	975	K	14.12	51	80	115/208-230	6.2	2
2	1800	56CHZ	CFDL3516TM	1,236	K	14.13	53	82.5	230	7.9	1
C-Face, Footless											
1/3	1800	56C	VFDL3501M	557	K	11.35	23	60	115/230	3	13, 30
1/2	1800	56C	VFDL3504M	638	K	11.97	27	68	115/230	3.7	12, 30
3/4	1800	56C	VFDL3507M	742	K	13.35	44	74	115/230	4.4	12
1	1800	56C	VFDL3510M	840	K	13.25	40	67	115/230	6.5	30
1 1/2	1800	56C	VFDL3514M	951	K	14.12	48	80	115/208-230	6.2	2
Foot Mounted, Extra High Torque											
2	1800	56HZ	FDL3516TM	1,065	K	14.19	51	82.5	230	7.9	1
		182T	FDL3611TM	1,201	L1	16.55	77	75	115/230	14	2
		184	FDL3611M	1,233	L1	15.67	76	74	115/230	12.4	2
3	1800	184	FDL3610M	1,463	L1	17.18	90	80	230	15.5	2, 20
		184T	FDL3610TM	1,428	L1	18.05	90	80	230	15.5	2, 20
		184T	FDL3619TM	1,150	L1	16.54	82	81.5	230	13.2	2, 20
5	1800	184T	FDL3612TM	1,499	L1	18.05	100	80	230	23	2, 20
		215	FDL3731M	1,841	L1	18.65	126	84	230	20.5	2, 20
7 1/2	1800	213	FDL3732M	2,120	L1	18.65	147	84	230	30	2, 20
		213T	FDL3733TM	1,951	L1	19.02	146	84	230	30	2, 20
10	1800	215T	FDL3712TM	2,144	L1	20.77	160	84	230	40	2, 20, 89
		215T	FDL3737TM	2,282	L1	21.27	169	86.5	230	39	2, 20, 89
C-Face, Footless, Extra High Torque											
2	1800	145TC	VFDL3516TM	1,236	L1	14.17	53	82.5	230	7.9	1, 20
3	1800	184TC	VFDL3610TM	1,674	L1	18.05	98	80	230	15.5	2, 20
5	1800	184TC	VFDL3612TM	2,044	L1	18.33	101	80	230	23	2, 20
C-Face, Footless, F-2, Extra High Torque											
2	1800	145TC	VFDFL3516TM	1,236	L1	14.17	53	82.5	230	7.9	1, 20
3	1800	184TC	VFDFL3610TM	1,674	L1	18.05	98	80	230	15.5	2, 20
5	1800	184TC	VFDFL3612TM	2,044	L1	18.33	101	80	230	23	2, 20

(a) See notes on inside back flap.

Red Catalog Number indicates **NEW** Product.

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

3 thru 50 Hp



Features:

- Shaft length 1" longer than NEMA standard
- Lubed for life double sealed ball bearings
- Lip seal and V-Ring slinger on DE for increased moisture resistance
- Screens on ODP to protect against trash and debris

Applications:

- High pressure grain drying
- Farm building fans

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, Open Drip Proof											
5	1800	184TZ	GDL1605T	1,623	L1	19.06	97	80	230	22.5	2, 20
7 1/2	1800	215TZ	GDL1607T	2,135	L1	22.57	142	82.5	230	32	1, 20
10	1800	215TZ	GDL1610T	2,470	L1	22.85	160	84	230	40	2, 20
16	1800	256TZ	GDL1615T	3,675	L1	24.19	271	86.5	208-230	62	2, 20
Single Phase, Totally Enclosed Fan Cooled											
5	1800	184TZ	GDL3665T	2,029	L1	16.41	100	82.5	230	21	2, 20
7 1/2	1800	215TZ	GDL3770T	2,669	L1	19.45	198	85.5	230	29.6	1
10	1800	215TZ	GDL3774T	3,087	L1	19.45	210	86.5	230	38	2, 20
16	1800	256TZ	GDL2333T	4,594	L1	24.28	310	88.5	208-230	60	2, 20
Three Phase, Open Drip Proof											
5	1800	184TZ	EGDM3218T	1,073	L1	17.50	92	89.5	230/460	6.6	1, 30
		184TZ	GDM3218T	898	L1	16.00	68	87.5	208-230/460	7.2	16
7 1/2	1800	213TZ	EGDM3311T	1,573	L1	17.32	120	91	230/460	9.7	1, 30
		213TZ	GDM3311T	1,274	L1	18.00	92	88.5	208-230/460	9.9	16
10	1800	215TZ	EGDM3313T	1,864	L1	18.45	132	91.7	230/460	12.5	1, 30
		215TZ	GDM3313T	1,544	L1	17.32	116	89.5	208-230/460	13.4	16
15	1800	254TZ	EGDM2513T	2,580	L1	22.69	239	93	230/460	17.7	1, 30
		254TZ	GDM2513T	1,900	L1	21.00	156	91	208-230/460	19	1, 16
20	1800	256TZ	EGDM2515T	2,986	L1	22.69	245	93	230/460	23.5	1, 30
		256TZ	GDM2515T	2,502	L1	23.25	187	91.7	230/460	24	16, 30
25	1800	284TZ	EGDM2531T	3,692	L1	26.06	375	93.6	230/460	30	1, 30
		284TZ	GDM2531T	3,074	L1	24.44	245	91.7	230/460	31	16, 30
30	1800	286TZ	EGDM2535T	4,130	L1	26.06	382	94.1	230/460	35	1, 30
		286TZ	GDM2535T	3,575	L1	25.94	281	92.4	230/460	36	16, 30
Three Phase, Totally Enclosed Fan Cooled											
3	1800	182TZ	EGDM3661T	1,376	L1	16.98	105	89.5	230/460	4.1	1, 30
5	1800	184TZ	EGDM3615T	1,407	L1	19.05	95	89.5	230/460	6.7	1, 30
		184TZ	GDM3615T	1,082	L1	17.55	80	87.5	208-230/460	6.8	1, 16
		184TZ	EGDM3665T	1,568	L1	16.98	119	89.5	230/460	6.6	1, 30
7 1/2	1800	213TZ	EGDM3710T	1,732	L1	20.03	127	91.7	230/460	9.4	1, 30
		213TZ	GDM3710T	1,356	L1	18.90	117	89.5	208-230/460	10.1	1, 16
		213TZ	EGDM3770T	1,929	L1	19.45	170	91.7	230/460	9.5	1, 30
10	1800	215TZ	EGDM3714T	2,515	L1	21.53	165	91.7	230/460	12	1, 30
		215TZ	GDM3714T	2,164	L1	20.03	131	89.5	208-230/460	13.5	1, 16
		215TZ	EGDM3774T	2,775	L1	19.45	231	91.7	230/460	12.5	1, 30
15	1800	254TZ	EGDM2333T	3,393	L1	24.66	255	92.4	230/460	18.1	1, 30
		254TZ	GDM2333T	2,868	L1	22.07	231	89.5	208-230/460	18.9	1, 16
20	1800	256TZ	EGDM2334T	3,592	L1	24.66	303	93	230/460	24	1, 30
		256TZ	GDM2334T	3,067	L1	23.83	245	91	230/460	25	1, 16, 30
25	1800	284TZ	EGDM4103T	4,523	L1	28.76	422	93.6	230/460	30	30
		284TZ	GDM4103T	4,358	L1	26.93	345	92.4	230/460	29	1, 16, 30
30	1800	286TZ	EGDM4104T	5,302	L1	28.76	460	93.6	230/460	38	30
		286TZ	GDM4104T	5,137	L1	26.93	366	92.4	230/460	36	1, 16, 30
40	1800	324TZ	EGDM4110T	7,030	L1	31.28	578	94.1	230/460	48	30
		324TZ	GDM4110T	6,855	L1	31.28	497	93	230/460	47	1, 16, 30
50	1800	326TZ	EGDM4115T	7,271	L1	31.28	608	94.5	230/460	58	30
		326TZ	GDM4115T	7,096	L1	31.28	552	91	230/460	60	1, 16, 30

(a) See notes on inside back flap. Red Catalog Number indicates NEW Product. Cast Iron Frame

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

1 1/2 thru 15 Hp



Features:

- Shaft length 3/4" longer than NEMA standard
- 1/4-20 tapped and keyed shaft
- Convenient lead location for ease of conduit connectivity
- Normally closed winding thermostats to protect against overheating
- Lubed for life double sealed ball bearings on TEAO motors
- Lip seal and V-Ring slinger on DE for increased moisture resistance on TEAO motors

Applications:

- Vane axial fan crop dryers

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, Totally Enclosed Air Over											
1.5/3	3600	145TZ	UCLE153	1,078	L1	14.25	52	85.5	230	12.5	1, 30
3/4.5	3600	145TZ	UCLE3145	1,104	L1	15.62	61	82.5	230	12.5	2, 20
5/7.5	3600	182TZ	UCLE570	1,344	L1	16.88	93	84	230	20.5	2, 8
7.5/10	3600	182TZ	UCLE7510	1,453	L1	16.88	95	85.5	230	38	2, 20, 30
10/15	3600	215Z	UCLE1015	2,252	L1	18.56	167	89	230	46	2, 20
Single Phase, Open Air Over											
3/4.5	3600	145TZ	UCL3145	1,043	L1	15.62	59	77.8	230	14.3	2, 20
		182Z	UCL345	1,086	L1	14.88	72	74	230	22	2, 20
5/7.5	3600	182TZ	UCL570	1,283	L1	16.88	91	80	230	35	2, 20
7.5/10	3600	182TZ	UCL710	1,376	L1	16.88	89	85	230	31	2, 20
7.5/10.5	3600	215Z	UCL7510	1,742	L1	17.44	107	81	230	37	2, 20
10/15	3600	215Z	UCL1015	2,212	L1	17.81	137	84	230	44	2, 20
Three Phase, Totally Enclosed Air Over											
1.5/3	3600	145TZ	UCME153	758	L1	13.37	39	80	208-230/460	4.1	2, 20
3/4.5	3600	143TZ	UCME3145	801	L1	13.37	46	84.5	208-230/460	6	2, 8
5/7.5	3600	184TZ	UCME570	1,006	L1	15.38	69	84	230/460	9	2, 20, 30
7.5/10	3600	184TZ	UCME7510	1,180	L1	16.88	85	86.5	230/460	11.5	2, 20, 30
7.5/9.2	3600	184TZ	UCME759	1,180	L1	16.88	84	89.5	208-230/460	8.5	2, 20
10/14	3600	215Z	UCME1014	1,507	L1	16.69	124	87.5	208-230/460	16.5	2, 20
Three Phase, Open Air Over											
5/7.5	3600	184TZ	UCM575	949	L1	15.38	66	84	230/460	9.5	2, 20
7.5/10	3600	184TZ	UCM713	1,135	L1	16.88	89	84	208-230/460	12	2
10/15	3600	215Z	UCM1014	1,459	L1	16.69	102	85.5	208-230/460	18	2, 20

(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

HVAC Motors

Farm Duty Motors

BALDOR • RELIANCE®

Universal Crop Dryer, Single Phase, PSC (switchless), OPAO

5 thru 15 Hp



Features:

- Shaft length 3/4" longer than NEMA standard
- 1/4-20 tapped and keyed shaft
- Convenient lead location for ease of conduit connectivity
- Switchless design for increased reliability
- Lubed for life double shielded ball bearings
- Normally closed winding thermostats to protect against overheating

Applications:

- Vane axial fan crop dryers

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Open Air Over											
5/7.5	3600	184TZ	UCC5700	1,150	L1	15.38	74	79	230	19.5	
7.5/10	3600	184TZ	UCC7100	1,264	L1	16.88	78	85.5	230	28	
10/15	3600	215Z	UCC10150	2,389	L1	18.57	127	83	230	41	

(a) See notes on inside back flap.

Irrigation Tower Drive, Three Phase, TENV

1 Hp



Features:

- Weatherproof construction with sealed fits between endplates and frame
- Integral cast conduit box for increased ingress protection
- Automatic thermal overload protection
- Lubed for life double sealed ball bearings

Applications:

- Irrigation tower drive 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)
No Endplate, Footless											
1	1800	56YZ	EIM3540A-P	813	K	11.02	43	85.5	460	1.7	
C-Face, Footless											
1	1800	56C	EIM3540A	838	K	13.27	42	85.5	460	1.7	

(a) See notes on inside back flap.

Gearboxes not included in price.

Red Catalog Number indicates **NEW** Product.

NEW!

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

1/3 thru 1 1/2 Hp



Features:

- Mechanically protected centrifugal switch from over speeding
- Extended opposite DE shaft for manual jog
- Gasketed manual reset thermal overload protection
- Lubed for life double shielded ball bearings
- NEMA 56N flange for industry standard drive/gear connection

Applications:

- Poultry feed auger drive systems

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	522	K	12.44	24	60	115/230	3	12, 30
1/2	1800	48YZ	ANFL3504M	586	K	12.44	28	68	115/230	3.7	12, 30
3/4	1800	48YZ	ANFL3507M	683	K	13.32	34	74	115/230	4.1	12, 30
1	1800	56YZ	ANFL3510M	843	K	13.55	41	67	115/230	6.5	30
1 1/2	1800	56YZ	ANFL3514M	1,252	K	14.43	49	75.5	115/230	9	2, 30

(a) See notes on inside back flap.

Grain Stirring, Single Phase, TEFC, Foot Mounted

1 1/2 Hp



Features:

- Slotted fan cover on DE to prevent clogging
- Gasketed manual reset thermal overload protection
- Lubed for life double shielded ball bearings

Applications:

- Inside bin grain stirring systems

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	776	K	12.29	41	80	208-230	6.4	

(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

HVAC Motors

Farm Duty Motors

Instant Reversing, Single Phase, TEFC, Foot Mounted**3/4 thru 1 Hp****Features:**

- High starting torque
- Electrically designed for optimal performance in instant reversing applications
- Gasketed manual reset thermal overload protection
- Lubed for life double shielded ball bearings

Applications:

- Barn cleaners
- Bulk feeders
- Mechanical Gates/Doors
- Hoists

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	56Y	IR3507M	644	K	13.25	40	70	115/208-230	4.6	2
1	1800	56	IR3510M	698	K	13.25	40	65	230	6.2	1

(a) See notes on inside back flap.

Aeration Fan, Single and Three Phase, TEAO, Foot Mounted**3/4 thru 3 Hp****Features:**

- 1/4-20 tapped and keyed shaft
- Terminal panel for ease of connectivity
- Automatic thermal overload protection (single phase)
- Normally closed winding thermostats to protect against overheating (three phase)
- Lubed for life double shielded ball bearings

Applications:

- Aeration fans for grain storage
- Exhaust fans
- Air handling systems

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	399	K	11.59	29	71	115/230	5.5	2
1	3600	56	AFL3521A	470	K	12.68	39	66	115/230	6	2
1 1/2	3600	56	AFL3525A	608	K	12.68	42	70	115/230	8.3	2, 30
		143TZ	AFL3522A	651	L1	12.74	43	70	115/230	8.3	2, 30
2	3600	143TZ	AFL3523A	795	L1	13.61	51	74	115/230	11.5	2
3	3600	145TZ	AFL3524A	829	L1	13.61	52	78	230	15	2
Three Phase											
3/4	3600	56Z	AFM3528	404	K	10.97	24	74	230/460	1.3	30
1	3600	56Z	AFM3529	439	K	10.97	22	75.5	230/460	1.8	30
1 1/2	3600	143TZ	AFM3530	507	L1	12.45	30	80	208-230/460	2.3	
3	3600	145T	AFM3532	672	L1	12.74	45	82.5	208-230/460	3.8	2

(a) See notes on inside back flap.

(PSC) - Direct Drive Fan, Single Phase, TEAO

1/4 thru 1/2 Hp



Features:

- Switchless design for increased reliability
- 1" extended through bolts for grille mounting
- Terminal panel for ease of connectivity
- Automatic thermal overload protection
- Lubed for life double shielded ball bearings

Applications:

- Confinement houses
- Exhaust fans
- Air handling fans
- Unit heaters

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/4	1800	48Z	CHC3413A	399	K	11.35	22	54	115/230	2.4	2, 29
1/3	1800	48Z	CHC3416A	434	K	11.97	25	56	115/230	2.8	2, 29
	1200	48Z	CHC3417A	543	K	11.97	26	54	115/230	2.8	2, 29
1/2	1200	56Z	CHC3525A	623	K	13.54	40	70	115/230	2.6	2, 74
	900	56Z	CHC3526A	771	K	14.42	50	50	115/230	4.6	2, 74

(a) See notes on inside back flap.

Dairy/Vacuum Pump, Single Phase, TEFC, Foot Mounted

7 1/2 thru 10 Hp



Features:

- Gasketed manual reset thermal overload protection
- Oversized conduit/capacitor box for ease of connectivity
- Aluminum heat sync fan on DE for increased bearing life

Applications:

- Vacuum pumps dairy industry

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
7 1/2	1800	215T	DEL3733TM	2,956	L1	20.77	162	85	230	28	1
10	1800	215T	DEL3737TM	3,610	L1	21.27	160	86.5	230	39	8, 89

(a) See notes on inside back flap.

Metering Pump, Three Phase, TEFC, Foot Mounted

1/3 Hp



Features:

- F3 conduit box location for optimal mounting clearance
- Lubed for life double shielded ball bearings
- 60 & 50 Hz data included for connection at either frequency

Applications:

- Metering pump systems

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	“C” Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes (a)
1/3	1800	48	MPM3458	391	K	10.72	20	230/460	0.8	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

HVAC Motors

Farm Duty Motors

Incubator/Hatchery Vent Fan, Single Phase, TEAO

1/3 Hp



Features:

- Normally closed winding thermostats to protect against overheating
- 1” extended through bolts for grille mounting
- Terminal panel for ease of connectivity
- Pilot Circuit to facilitate system protection
- Flat slinger on DE for improved moisture protection
- Lubed for life double shielded ball bearings

Applications:

- Incubator/Hatchery Fans
- HVAC Condensers
- Grille mount vent fan applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	“C” Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	S.F.	Notes (a)
1/3	1800	48Z	HIC264A	360	K	10.09	20	115/230	1.9	1.00	
		48Z	HIC274A	360	K	10.09	20	115/230	2.2	1.00	

(a) See notes on inside back flap.