

Special Application Agriculture Aeration Fan & Crop Dryer



APPLICATIONS:

For air over applications or fans mounted directly on the motor shaft.
Specifically designed for use on vane axial crop dryers and aeration fans.

FEATURES:

Aeration Fan

- Totally Enclosed Air Over
- Class B Insulation On 56 Frame
- Class F Insulation On 140 Frame
- Keyed Shaft Drilled On Center 1" Deep & Tapped 1/4" UNC
- 56Z Frame Motors Have 5/8" Dia. X 2-1/4" Long Shaft
- F1 Assembly Position

Crop Dryer

- Open Dripproof Air-Over
- Thermostat Protected (Overheating Protection) Requires Leads to be Connected to Control Circuit of Motor Controller
- Non-Standard 1-1/8" Diameter X 3-1/4" Long Keyed Shaft Is Drilled On Center 1" Deep & Tapped 1/4-20 UNC
- Rodent Screens, Extra Long Leads, Class F Insulation
- F1 Assembly Position

Aeration Fan - Cap Start

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
1/2	3600	115/230	48	FD12CA1P4	\$334	DS-3FMP	1.00	9.0	19	-	7.4/3.7	24
	3600	115/230	56Z	FD12CA1PZ	\$305	DS-3F	1.00	9.8	20	-	7.4/3.7	24
3/4	3600	115/230	48	FD34CA1P4	\$351	DS-3FMP	1.00	8.5	19	-	10.6/5.3	24
	3600	115/230	56Z	FD34CA1PZ	\$356	DS-3SP	1.00	10.3	19	-	11.0/5.5	24
1	3600	115/230	56Z	FD1CA1PZ	\$423	DS-3SP	1.00	12.3	29	-	12.4/6.2	24
1 1/2	3600	115/230	143TZ	FD32CA1P14	\$582	DS-3SP	1.00	13.3	32	73.0	17.4/8.7	24
2	3600	115/230	143TZ	FD2CA1P14	\$686	DS-3SP	1.00	13.8	32	75.5	22.2/11.1	24
3	3600	230	145TZ	FD3CA1K14	\$719	DS-3SP	1.00	13.7	42	78.5	14.9	CSCR,24

Crop Dryer - Cap Start

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
5-7	3600	230	184TZ	FD5CM1K18Z	\$1,160	DS-3SP	1.00	18.4	90	82.8	21.0	23
7.5-9	3600	230	184TZ	FD7CM1K18Z	\$1,240	DS-3SP	1.00	18.4	90	88.7	30.0	23
10-12	3600	230	215TZ	FD10CM1K21Z	\$1,859	DS-3SP	1.15	20.4	127	85.2	40.0	23

Note 23 Manual Reset Thermal Protector Overload
 Note 24 Automatic Reset Thermal Protector Overload
 Note CSCR Capacitor Start /Capacitor Run

† All marks shown within this document are properties of their respective owners.



BRAKEMOTORS
 GENERAL PURPOSE SINGLE PHASE
 HVAC
 WASHDOWN
 AGRICULTURE
 COMMERCIAL PUMP MOTORS
 CLOSE COUPLED PUMP MOTORS
 FIRE PUMP MOTORS
 POOL & SPA MOTORS
 RESIDENTIAL WATER PUMP
 ELEVATOR GATE & DOOR
 VARIABLE SPEED MOTORS AND DRIVES