

# 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 Drip Proof 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	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
3/4	3600	115/230	56Z	FD34CA1PZ	DS-3SP	1.00	10.3	19	-	11.0/5.5	24
1	3600	115/230	56Z	FD1CA1PZ	DS-3SP	1.00	12.3	29	70.0	12.4/6.2	24
1 1/2	3600	115/230	143TZ	FD32CA1P14	DS-3SP	1.00	13.3	32	73.0	17.4/8.7	24
2	3600	115/230	143TZ	FD2CA1P14	DS-3SP	1.00	13.8	32	75.5	22.2/11.1	24
3	3600	230	145TZ	FD3CA1K14	DS-3SP	1.00	13.7	42	78.5	14.9	CSCR,24

## Crop Dryer - Cap Start

HP	RPM	Voltage	Frame	Catalog Number	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
5 - 7	3600	230	184TZ	FD5CM1K18Z	DS-3SP	1.00	18.4	90	82.8	21.0	
7 1/2 - 9	3600	230	184TZ	FD7CM1K18Z	DS-3SP	1.00	18.4	90	88.7	30.0	
10 - 12	3600	230	215TZ	FD10CM1K21Z	DS-3SP	1.15	20.4	127	85.2	40.0	

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

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