



Product Information Packet

CFM3036A

.5HP,1140RPM,3PH,60HZ,48YZ,3418M,OPEN,F1

Part Detail							
Revision:	T	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	34WGW529	CD Diagram:	CD0007	Mfg Plant:	
Mech. Spec:	34J288	Layout:	34LYJ288	Poles:	06	Created Date:	
Base:	N	Eff. Date:	07-10-2018	Leads:	12#18		

Specs			
Catalog Number:	CFM3036A	Heater Indicator:	No Heater
Enclosure:	OPEN	Insulation Class:	F
Frame:	48YZ	Inverter Code:	Not Inverter
Frame Material:	Steel	KVA Code:	J
Motor Letter Type:	Three Phase	Lifting Lugs:	No Lifting Lugs
Output @ Frequency:	.500 HP @ 60 HZ	Locked Bearing Indicator:	No Locked Bearing
Synchronous Speed @ Frequency:	1200 RPM @ 60 HZ	Motor Lead Quantity/Wire Size:	12 @ 18 AWG
Voltage @ Frequency:	208.0 V @ 60 HZ	Motor Lead Exit:	Terminal Panel Or Lead Hole
	230.0 V @ 60 HZ	Motor Lead Termination:	Flying Leads
	460.0 V @ 60 HZ	Motor Type:	3418M
XP Class and Group:	None	Mounting Arrangement:	F1
XP Division:	Not Applicable	Power Factor:	55
Agency Approvals:	UR	Product Family:	General Purpose
	CSA	Pulley End Bearing Type:	Ball
Auxillary Box:	No Auxillary Box	Pulley Face Code:	Resilient Mount
Auxillary Box Lead Termination:	None	Pulley Shaft Indicator:	Key And Flat
Base Indicator:	No Mounting	Rodent Screen:	None
Bearing Grease Type:	Polyrex EM (-20F +300F)	Shaft Extension Location:	Pulley End

Blower:	None	Shaft Ground Indicator:	No Shaft Grounding
Current @ Voltage:	1.200 A @ 460.0 V	Shaft Rotation:	Reversible
	2.400 A @ 230.0 V	Shaft Slinger Indicator:	No Slinger
	2.500 A @ 208.0 V	Speed Code:	Single Speed
Design Code:	B	Motor Standards:	NEMA
Drip Cover:	No Drip Cover	Starting Method:	Direct on line
Duty Rating:	CONT	Thermal Device - Bearing:	None
Electrically Isolated Bearing:	Not Electrically Isolated	Thermal Device - Winding:	None
Feedback Device:	NO FEEDBACK	Vibration Sensor Indicator:	No Vibration Sensor
Front Face Code:	Standard	Winding Thermal 1:	Automatic Thermal Overload
Front Shaft Indicator:	None	Winding Thermal 1 Location:	SB
		Winding Thermal 2:	None

Nameplate NP1257L

CAT.NO.	CFM3036A														
SPEC.	34J288W529G1														
HP	.5														
VOLTS	208-230/460														
AMP	2.5-2.4/1.2														
RPM	1140														
FRAME	48YZ				HZ			60		PH		3			
SER.F.	1.00			CODE		J		DES		B		CL		F	
NEMA-NOM-EFF	72			PF		55									
RATING	60C AMB-CONT														
CC				USABLE AT 208V							2.5				
DE	6203				ODE		6203								
ENCL	OPEN			SN											

AC Induction Motor Performance Data

Record # 50780

Typical performance - not guaranteed values

Winding: 34WGW529-R002			Type: 3418M		Enclosure: OPEN		
Nameplate Data			460 V, 60 Hz: High Voltage Connection				
Rated Output (HP)		.5	Full Load Torque		2.3 LB-FT		
Volts		208-230/460	Start Configuration		direct on line		
Full Load Amps		2.5-2.4/1.2	Breakdown Torque		7.7 LB-FT		
R.P.M.		1140	Pull-up Torque		6 LB-FT		
Hz	60 Phase	3	Locked-rotor Torque		6.2 LB-FT		
NEMA Design Code		B	KVA Code		J	Starting Current	5 A
Service Factor (S.F.)		1	No-load Current		0.95 A		
NEMA Nom. Eff.		72	Power Factor		55	Line-line Res. @ 25°C	39.6 Ω
Rating - Duty		40C	AMB-CONT		Temp. Rise @ Rated Load		

Load Characteristics 460 V, 60 Hz, 0.5 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	20	34	45	55	62	68
Efficiency	48	63	67	72	72	71
Speed	1185	1170	1155	1140	1120	1100
Line amperes	0.95	1	1.1	1.2	1.3	1.5

Performance Graph at 460V, 60Hz, 0.5HP Typical performance - Not guaranteed values

BALDOR ELECTRIC COMPANY

WINDING # 34WGW529

Typical performance - not guaranteed values.

0.5 HP 3 PH 60 HZ 1140 RPM 460 V 3418M

TORQUES(LB-FT): PO=7.7 PU=6 LR=6.2 LRA=5





