



Product Information Packet

CFM3046A

.75HP,1140RPM,3PH,60HZ,48YZ,3428M,OPEN

Part Detail							
Revision:	R	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	34WGX426	CD Diagram:	CD0007	Mfg Plant:	
Mech. Spec:	34J280	Layout:	34LYJ280	Poles:	06	Created Date:	
Base:	RG	Eff. Date:	07-10-2018	Leads:	12#18		

Specs			
Catalog Number:	CFM3046A	Heater Indicator:	No Heater
Enclosure:	OPEN	Insulation Class:	F
Frame:	48YZ	Inverter Code:	Not Inverter
Frame Material:	Steel	KVA Code:	K
Motor Letter Type:	Three Phase	Lifting Lugs:	No Lifting Lugs
Output @ Frequency:	.750 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:	460.0 V @ 60 HZ	Motor Lead Exit:	Terminal Panel Or Lead Hole
	230.0 V @ 60 HZ	Motor Lead Termination:	Flying Leads
	208.0 V @ 60 HZ	Motor Type:	3428M
XP Class and Group:	None	Mounting Arrangement:	F3
XP Division:	Not Applicable	Power Factor:	59
Agency Approvals:	CSA	Product Family:	General Purpose
	UR	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:	Rigid	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:	3.600 A @ 208.0 V	Shaft Rotation:	Reversible
	3.300 A @ 208.0 V	Shaft Slinger Indicator:	No Slinger
	3.000 A @ 230.0 V	Speed Code:	Single Speed
	1.500 A @ 460.0 V	Motor Standards:	NEMA
Design Code:	B	Starting Method:	Direct on line
Drip Cover:	No Drip Cover	Thermal Device - Bearing:	None
Duty Rating:	CONT	Thermal Device - Winding:	None
Electrically Isolated Bearing:	Not Electrically Isolated	Vibration Sensor Indicator:	No Vibration Sensor
Feedback Device:	NO FEEDBACK	Winding Thermal 1:	Automatic Thermal Overload
Front Face Code:	Standard	Winding Thermal 1 Location:	SB
Front Shaft Indicator:	None	Winding Thermal 2:	None

Nameplate NP1257L

CAT.NO.	CFM3046A											
SPEC.	34J280X426G1											
HP	.75											
VOLTS	208-230/460											
AMP	3.3-3/1.5											
RPM	1140											
FRAME	48YZ				HZ			60		PH		3
SER.F.	1.00		CODE		K	DES		B	CL		F	
NEMA-NOM-EFF	77		PF		59							
RATING	60C AMB-CONT											
CC			USABLE AT 208V								3.6	
DE	6203			ODE		6203						
ENCL	OPEN		SN									

AC Induction Motor Performance Data

Record # 50779

Typical performance - not guaranteed values

Winding: 34WGX426-R003			Type: 3428M		Enclosure: OPEN		
Nameplate Data			460 V, 60 Hz: High Voltage Connection				
Rated Output (HP)		.75	Full Load Torque		3.4 LB-FT		
Volts		208-230/460	Start Configuration		direct on line		
Full Load Amps		3.3-3/1.5	Breakdown Torque		11.8 LB-FT		
R.P.M.		1140	Pull-up Torque		9.3 LB-FT		
Hz	60 Phase	3	Locked-rotor Torque		9.7 LB-FT		
NEMA Design Code		B	KVA Code	K	Starting Current		7.4 A
Service Factor (S.F.)		1	No-load Current		1.1 A		
NEMA Nom. Eff.		77	Power Factor	59	Line-line Res. @ 25°C		21.9 Ω
Rating - Duty		40C AMB-CONT		Temp. Rise @ Rated Load			

Load Characteristics 460 V, 60 Hz, 0.75 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	26	40	51	59	65	68
Efficiency	60	72	76	77	75	73
Speed	1185	1170	1155	1135	1115	1095
Line amperes	1.1	1.2	1.4	1.5	1.7	2

Performance Graph at 460V, 60Hz, 0.75HP Typical performance - Not guaranteed values





