



Product Information Packet

L3401

.17HP,1140RPM,1PH,60HZ,48,3418L,TEFC,F1

Part Detail							
Revision:	X	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	34WG5612	CD Diagram:	CD0001	Mfg Plant:	
Mech. Spec:	34C051	Layout:	34LYC051	Poles:	06	Created Date:	
Base:	RG	Eff. Date:	11-18-2020	Leads:	6#18		

Specs			
Catalog Number:	L3401	Insulation Class:	B
Enclosure:	TEFC	Inverter Code:	Not Inverter
Frame:	48	IP Rating:	NONE
Frame Material:	Steel	KVA Code:	P
Motor Letter Type:	Cap Start, Induction Run	Lifting Lugs:	No Lifting Lugs
Output @ Frequency:	.170 HP @ 60 HZ	Locked Bearing Indicator:	No Locked Bearing
Synchronous Speed @ Frequency:	1200 RPM @ 60 HZ	Motor Lead Quantity/Wire Size:	6 @ 18 AWG
Voltage @ Frequency:	230.0 V @ 60 HZ	Motor Lead Exit:	Ko Box
	115.0 V @ 60 HZ	Motor Lead Termination:	Flying Leads
XP Class and Group:	None	Motor Type:	3418L
XP Division:	Not Applicable	Mounting Arrangement:	F1
Agency Approvals:	CSA	Power Factor:	52
	UR	Product Family:	General Purpose
Auxillary Box:	No Auxillary Box	Pulley End Bearing Type:	Ball
Auxillary Box Lead Termination:	None	Pulley Face Code:	Standard
Base Indicator:	Rigid	Pulley Shaft Indicator:	Standard
Bearing Grease Type:	Polyrex EM (-20F +300F)	Rodent Screen:	None
Blower:	None	Shaft Extension Location:	Pulley End

Current @ Voltage:	2.600 A @ 208.0 V	Shaft Ground Indicator:	No Shaft Grounding
	4.600 A @ 115.0 V	Shaft Rotation:	Reversible
	2.300 A @ 230.0 V	Shaft Slinger Indicator:	No Slinger
Design Code:	N	Speed Code:	Single Speed
Drip Cover:	No Drip Cover	Motor Standards:	NEMA
Duty Rating:	CONT	Starting Method:	Direct on line
Electrically Isolated Bearing:	Not Electrically Isolated	Thermal Device - Bearing:	None
Feedback Device:	NO FEEDBACK	Thermal Device - Winding:	None
Front Face Code:	Standard	Vibration Sensor Indicator:	No Vibration Sensor
Front Shaft Indicator:	None	Winding Thermal 1:	None
Heater Indicator:	No Heater	Winding Thermal 2:	None

Nameplate NP1256L

CAT.NO.	L3401										
SPEC.	34C51-5612										
HP	.17										
VOLTS	115/230										
AMP	4.6/2.3										
RPM	1140										
FRAME	48				HZ	60				PH	1
SER.F.	1.35			CODE	P	DES	N		CLASS	B	
NEMA-NOM-EFF	47			PF	52						
RATING	40C AMB-CONT										
CC				USABLE AT 208V						2.6	
DE	6203			ODE	6203						
ENCL	TEFC			SN							
	SFA 5/2.5										

AC Induction Motor Performance Data

Record # 6801

Typical performance - not guaranteed values

Winding: 34WG5612-R001			Type: 3418L		Enclosure: TEFC			
Nameplate Data			230 V, 60 Hz: High Voltage Connection					
Rated Output (HP)		.17	Full Load Torque		0.75 LB-FT			
Volts		115/230	Start Configuration		direct on line			
Full Load Amps		4.6/2.3	Breakdown Torque		2.18 LB-FT			
R.P.M.		1140	Pull-up Torque		1.84 LB-FT			
Hz	60	Phase	1	Locked-rotor Torque		2.33 LB-FT		
NEMA Design Code		N	KVA Code	P	Starting Current		9.5 A	
Service Factor (S.F.)		1.35		No-load Current		2.1 A		
NEMA Nom. Eff.		47	Power Factor		52	Line-line Res. @ 25°C		11.6 Ω A Ph 10.4 Ω B Ph
Rating - Duty		40C AMB-CONT		Temp. Rise @ Rated Load		55°C		
S.F. Amps		5/2.5		Temp. Rise @ S.F. Load		62°C		

Load Characteristics 230 V, 60 Hz, 0.17 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	31	39	45	52	58	64	62
Efficiency	19	34	42	47	50	51	50.5
Speed	1185	1175	1160	1150	1135	1120	1125
Line amperes	2.1	2.15	2.2	2.3	2.4	2.7	2.5

Performance Graph at 230V, 60Hz, 0.17HP Typical performance - Not guaranteed values





