



Product Information Packet

YPC144A

.25HP,1625RPM,1PH,60HZ,48YZ,3408C,TEAO,F

Part Detail

Revision:	F	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	34WGR234	CD Diagram:	CD0798	Mfg Plant:	
Mech. Spec:	34M195	Layout:	34LYM195	Poles:	04	Created Date:	10-17-2014
Base:	YP	Eff. Date:	11-12-2018	Leads:	5#18		

Specs

Catalog Number:	YPC144A	KVA Code:	-
Enclosure:	TEAO	Lifting Lugs:	No Lifting Lugs
Frame:	48YZ	Locked Bearing Indicator:	No Locked Bearing
Frame Material:	Steel	Motor Lead Quantity/Wire Size:	5 @ 18 AWG
Motor Letter Type:	Oil Capacitor Start and Run	Motor Lead Exit:	Terminal Panel Or Lead Hole
Output @ Frequency:	.250 HP @ 60 HZ	Motor Lead Termination:	None
Synchronous Speed @ Frequency:	1800 RPM @ 60 HZ	Motor Type:	3408C
Voltage @ Frequency:	115.0 V @ 60 HZ	Mounting Arrangement:	F1
XP Class and Group:	None	Power Factor:	98
XP Division:	Not Applicable	Product Family:	General Purpose
Agency Approvals:	UR	Pulley End Bearing Type:	Ball
	CSA	Pulley Face Code:	Standard
Auxillary Box:	No Auxillary Box	Pulley Shaft Indicator:	Standard
Auxillary Box Lead Termination:	None	Rodent Screen:	None
Base Indicator:	Yoke Pedestal	RoHS Status:	ROHS COMPLIANT
Bearing Grease Type:	Polyrex EM (-20F +300F)	Shaft Extension Location:	Pulley End
Blower:	None	Shaft Ground Indicator:	No Shaft Grounding
Current @ Voltage:	2.500 A @ 115.0 V	Shaft Rotation:	Reversible: Connected Standard

Design Code:	-	Shaft Slinger Indicator:	Shaft Slinger
Drip Cover:	No Drip Cover	Speed Code:	Single Speed
Duty Rating:	CONT	Motor Standards:	NEMA
Electrically Isolated Bearing:	Not Electrically Isolated	Starting Method:	Direct on line
Feedback Device:	NO FEEDBACK	Thermal Device - Bearing:	None
Front Face Code:	Terminal Panel	Thermal Device - Winding:	None
Front Shaft Indicator:	None	Vibration Sensor Indicator:	No Vibration Sensor
Heater Indicator:	No Heater	Winding Thermal 1:	Automatic Thermal Overload
Insulation Class:	B	Winding Thermal 1 Location:	WG
Inverter Code:	Not Inverter	Winding Thermal 2:	None

Nameplate NP1257L

CAT.NO.	YPC144A										
SPEC.	34M195R234G1										
HP	.25										
VOLTS	115										
AMP	2.5										
RPM	1625										
FRAME	48YZ				HZ			60		PH	1
SER.F.	1.00			CODE	-		DES	-		CL	B
NEMA-NOM-EFF	67			PF	98						
RATING	40C AMB-CONT										
CC				USABLE AT 208V							
DE	6203			ODE	6203						
ENCL	TEAO		SN								

AC Induction Motor Performance Data

Record # 51597

Typical performance - not guaranteed values

Winding: 34WGR234-R001			Type: 3408C		Enclosure: TEAO	
Nameplate Data			115 V, 60 Hz: Single Voltage Motor			
Rated Output (HP)		.25	Full Load Torque		0.814 LB-FT	
Volts		115	Start Configuration		direct on line	
Full Load Amps		2.5	Breakdown Torque		1.13 LB-FT	
R.P.M.		1625	Pull-up Torque		0.321 LB-FT	
Hz	60	Phase	1	Locked-rotor Torque	0.42 LB-FT	
NEMA Design Code		-	KVA Code	-	Starting Current	6.76 A
Service Factor (S.F.)		1		No-load Current	1.32 A	
NEMA Nom. Eff.	67	Power Factor	98	Line-line Res. @ 25°C	7.7557 Ω A Ph	12.585 Ω B Ph
Rating - Duty		40C AMB-CONT		Temp. Rise @ Rated Load		

Load Characteristics 115 V, 60 Hz, 0.25 HP

% of Rated Load	25	50	75	100	125
Power Factor	87	93	97	98	99
Efficiency	36.8	56.6	66.1	69.5	66.1
Speed	1777.1	1755.2	1724.3	1677.2	1609
Line amperes	1.43	1.65	2	2.46	3.09

Performance Graph at 115V, 60Hz, 0.25HP Typical performance - Not guaranteed values





