

BALDOR® • RELIANCE

Product Information Packet

YPC364A

.5HP,1075RPM,1PH,60HZ,48YZ,3420C,TEAO,F1

Part Detail							
Revision:	C	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3420C	Elec. Spec:	34WGR233	CD Diagram:	CD0798
Enclosure:	TEAO	Mfg Plant:		Mech. Spec:	34M195	Layout:	34LYM195
Frame:	48YZ	Mounting:	F1	Poles:	06	Created Date:	10-14-2014
Base:	YP	Rotation:	RS	Insulation:	B	Eff. Date:	04-08-2016
Leads:	5#18					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1257L

CAT.NO.	YPC364A														
SPEC.	34M195R233G1														
HP	.5														
VOLTS	115														
AMP	5.4														
RPM	1075														
FRAME	48YZ				HZ				60		PH		1		
SER.F.	1.00			CODE		B		DES		-		CL		B	
NEMA-NOM-EFF	68			PF		93									
RATING	40C AMB-CONT														
CC											USABLE AT 208V				
DE	6203				ODE		6203								
ENCL	TEAO			SN											

AC Induction Motor Performance Data

Record # 51995 - Typical performance - not guaranteed values

Winding: 34WGR233-R001	Type: 3420C	Enclosure: TEAO
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Nameplate Data				115 V, 60 Hz: Single Voltage Motor	
Rated Output (HP)	.5			Full Load Torque	2.43 LB-FT
Volts	115			Start Configuration	direct on line
Full Load Amps	5.4			Breakdown Torque	3.6 LB-FT
R.P.M.	1075			Pull-up Torque	0.743 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	0.96 LB-FT
NEMA Design Code	-	KVA Code	B	Starting Current	14.8 A
Service Factor (S.F.)	1			No-load Current	2.31 A
NEMA Nom. Eff.	68	Power Factor	93	Line-line Res. @ 25°C	2.773 Ω A Ph 9.4771 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	

Load Characteristics 115 V, 60 Hz, 0.5 HP

% of Rated Load	25	50	75	100	125
Power Factor	80	89	92	93	93
Efficiency	40.2	59.4	66.7	68.6	63.1
Speed	1184.4	1169.7	1152.4	1128.1	1079.2
Line amperes	2.69	3.36	4.23	5.3	6.95

Performance Graph at 115V, 60Hz, 0.5HP Typical performance - Not guaranteed values





