

BALDOR® • RELIANCE

Product Information Packet

YPC164A

.25HP,1075RPM,1PH,60HZ,48YZ,3411C,TEAO,F

Part Detail							
Revision:	B	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3411C	Elec. Spec:	34WGR231	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.	YPC164A														
SPEC.	34M195R231G1														
HP	.25														
VOLTS	115														
AMP	2.8														
RPM	1075														
FRAME	48YZ				HZ				60		PH		1		
SER.F.	1.00			CODE		-		DES		-		CL		B	
NEMA-NOM-EFF				PF											
RATING	40C AMB-CONT														
CC				USABLE AT 208V											
DE	6203			ODE		6203									
ENCL	TEAO			SN											

AC Induction Motor Performance Data

Record # 51609 - Typical performance - not guaranteed values

Winding: 34WGR231-R001	Type: 3411C	Enclosure: TEAO
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Nameplate Data				115 V, 60 Hz: Single Voltage Motor	
Rated Output (HP)	.25			Full Load Torque	1.22 LB-FT
Volts	115			Start Configuration	direct on line
Full Load Amps	2.8			Breakdown Torque	1.8 LB-FT
R.P.M.	1075			Pull-up Torque	0.387 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	0.433 LB-FT
NEMA Design Code	-	KVA Code	-	Starting Current	7.2 A
Service Factor (S.F.)	1			No-load Current	1.54 A
NEMA Nom. Eff.	0	Power Factor	0	Line-line Res. @ 25°C	5.6688 Ω A Ph 10.891 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	72	83	89	92	92
Efficiency	40	58	66.4	67.9	64.1
Speed	1183.5	1167.5	1147.5	1119.9	1080.5
Line amperes	1.59	1.83	2.21	2.73	3.43

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





