

**BALDOR® • RELIANCE** 

**Product Information Packet**  
**MK DIAMOND PRODUCTS**

**34F897R405G1**

**1.5HP,3400RPM,1PH,60HZ,56YZ,3416LC,TEFC**

Part Detail							
Revision:	B	Status:	SMP/A	Change #:		Proprietary:	Yes
Type:	AC	Elec. Spec:	34WGR405	CD Diagram:	CD0815B04	Mfg Plant:	
Mech. Spec:	34F897	Layout:	34LYF897	Poles:	02	Created Date:	12-30-2015
Base:	RG	Eff. Date:	06-27-2018	Leads:	1#14 #4TH,5#16,3#18 8,E,W/ 8,E AND W/RED		

Specs			
Enclosure:	TEFC	Lifting Lugs:	No Lifting Lugs
Frame:	56YZ	Locked Bearing Indicator:	No Locked Bearing
Frame Material:	Steel	Motor Lead Quantity/Wire Size:	1 @ 14 AWG, #4TH
Output @ Frequency:	1.500 HP @ 60 HZ	Motor Lead Exit:	Cap Box
Synchronous Speed @ Frequency:	3600 RPM @ 60 HZ	Motor Lead Termination:	Cord And Plug
Voltage @ Frequency:	115.0 V @ 60 HZ	Motor Type:	3416LC
XP Class and Group:	None	Mounting Arrangement:	F1
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:	Rigid	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:	14.500 A @ 115.0 V	Shaft Rotation:	Fixed Standard
Drip Cover:	No Drip Cover	Shaft Slinger Indicator:	No Slinger
Duty Rating:	30 MIN	Speed Code:	Single Speed

<b>Electrically Isolated Bearing:</b>	Not Electrically Isolated	<b>Motor Standards:</b>	NEMA
<b>Feedback Device:</b>	NO FEEDBACK	<b>Starting Method:</b>	Direct on line
<b>Front Face Code:</b>	Brake Mounting	<b>Thermal Device - Bearing:</b>	None
<b>Front Shaft Indicator:</b>	None	<b>Thermal Device - Winding:</b>	None
<b>Heater Indicator:</b>	No Heater	<b>Vibration Sensor Indicator:</b>	No Vibration Sensor
<b>Insulation Class:</b>	F	<b>Winding Thermal 1:</b>	Manual Thermal Overload
<b>Inverter Code:</b>	Not Inverter	<b>Winding Thermal 1 Location:</b>	SB
<b>KVA Code:</b>	D	<b>Winding Thermal 2:</b>	None

<b>Nameplate NP1308L</b>										
<b>CAT.NO.</b>	168022G-BRK									
<b>SPEC.</b>	34F897R405G1									
<b>HP</b>	1.5									
<b>VOLTS</b>	115									
<b>AMP</b>	14.5									
<b>RPM</b>	3400									
<b>FRAME</b>	56YZ		<b>HZ</b>	60		<b>PH</b>	1			
<b>SER.F.</b>	1.00		<b>CODE</b>	D		<b>DES</b>	-		<b>CLASS</b>	F
<b>NEMA-NOM-EFF</b>			<b>PF</b>							
<b>RATING</b>	25C AMB-30 MIN									
<b>CC</b>						<b>USABLE AT 208V</b>				
<b>DE</b>	6203		<b>ODE</b>	6203						
<b>ENCL</b>	TEFC		<b>SN</b>							

Parts List		
Part Number	Description	Quantity
SA313026	SA 34F897R405G1	1.000 EA
RA300468	RA 34F897R405G1	1.000 EA
OC3030F11SP	CAPACITOR 30 MFD 370 VAC	1.000 EA
EC1189A02SP	61B2D120189NNBA ELEC CAP, 189-227MFD, 12	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
34CB5008A02	LC BOX ASSY. W/OFF/ON SWITCH, CORDS W/	1.000 EA
NS2501A02	INSULATOR, CAPACITOR BOX	1.000 EA
34GS3002	GASKET, CAPACITOR BOX	1.000 EA
51XB1214A08	12-14 X 1/2HX WS SL SR TYBX	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	2.000 EA
34EP3900T09	FR ENDPLATE, MACH	1.000 EA
HA2001A01	SPACER, .218 ID X .250 LG	2.000 EA
11XT0832A12	8-32 X 3/4 HX WSHD SLTD, TY23	2.000 EA
HW5100A03	WAVY WASHER (W1543-017)	1.000 EA
34EP3109A28	FR ENDPLATE, MACH	1.000 EA
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	4.000 EA
HW2500A13	KEY, USA #605, WOODRUFF	1.000 EA
18XN2520A08	1/4-20X1/2 FLAT HD SLTD X	2.000 EA
34FN3002A01SP	EXTERNAL FAN, PLASTIC, .637/.639 HUB W/	1.000 EA
34FH4002A03SP	IEC FH NO GREASER W/.88 DIA SHAFT HOLE,	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
HW2501D13	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA
LB1009N	LABEL,ROTATION DIRECTION (ON ROLLS)	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
WD1000A16	2-520128-2 AMP FLAG TERMINAL(4M/RL)	3.000 EA
WD4006A04	T&B RC-6,WIRE JOINT (BULK PACK)	4.000 EA
WD4006C05	ORANGE, WIRENUT, G-B #13-003 ORGSIZE 73B	2.000 EA
HW3207A02	7 1/2" DENN CABLE TIE (F/S)	1.000 EA
34GS5003A01	FOAM SLEEVE, ID = 2 1/16" X 4 3/8"	2.000 EA
MG1025N02	WILKOFAS, 788.02, MK DIAMOND GREEN	0.014 GA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
48BK7101BB-	1-048-171-01-BB- BRAKE (INT CONN ONLY)	1.000 EA
SP5051A26	MODEL 35 TORQ STATIONARY SWITCH W/ LEADS	1.000 EA
HA3100A44	THRUBOLT 10-32 X 8.000	4.000 EA
LB1119N	WARNING LABEL	1.000 EA
LB1087	LABEL,MANUAL RESET (ROLL LABEL)	1.000 EA
LB1185	LABEL,BRAKE CONNECTION (ON ROLLS)	1.000 EA
LB1417	LABEL CARTON 6X4 PERFORATED BLANK ROLLS	1.000 EA
NP1308L	NAMEPLATE "MK DIAMOND" UL,CSA	1.000 EA
35PA1088	PALLET PACK KIT, 8 PK	1.000 EA
HW3000B65	EYELET, STIMP #A-1085 FOR .88 DIA HOLE	1.000 EA

No performance data has been  
assigned to this product.





