



Product Information Packet

KG POWER SYSTEMS

KEL11205A

.33HP,3475RPM,1PH,60HZ,56C,3413LC,OPEN,F

Part Detail							
Revision:	C	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	34WGR280	CD Diagram:	CD0320	Mfg Plant:	
Mech. Spec:	34M524	Layout:	34LYM524	Poles:	02	Created Date:	02-05-2015
Base:	N	Eff. Date:	11-03-2017	Leads:	7#18	Y	

Specs			
Catalog Number:	KEL11205A	Inverter Code:	Not Inverter
Enclosure:	OPEN	KVA Code:	H
Frame:	56C	Lifting Lugs:	No Lifting Lugs
Frame Material:	Steel	Locked Bearing Indicator:	Locked Bearing
Output @ Frequency:	.330 HP @ 60 HZ	Motor Lead Quantity/Wire Size:	7 @ 18 AWG
Synchronous Speed @ Frequency:	3600 RPM @ 60 HZ	Motor Lead Exit:	Ko Box
Voltage @ Frequency:	230.0 V @ 60 HZ	Motor Lead Termination:	Flying Leads
	115.0 V @ 60 HZ	Motor Type:	3413LC
XP Class and Group:	None	Mounting Arrangement:	F1
XP Division:	Not Applicable	Power Factor:	97
Agency Approvals:	CSA	Product Family:	General Purpose
	UR	Pulley End Bearing Type:	Ball
Auxillary Box:	No Auxillary Box	Pulley Face Code:	C-Face
Auxillary Box Lead Termination:	None	Pulley Shaft Indicator:	Standard
Base Indicator:	No Mounting	Rodent Screen:	None
Bearing Grease Type:	Polyrex EM (-20F +300F)	RoHS Status:	ROHS COMPLIANT
Blower:	None	Shaft Extension Location:	Pulley End
Current @ Voltage:	1.500 A @ 230.0 V	Shaft Ground Indicator:	No Shaft Grounding

	1.600 A @ 208.0 V	Shaft Rotation:	Reversible
	3.000 A @ 115.0 V	Shaft Slinger Indicator:	No Slinger
Design Code:	N	Speed Code:	Single Speed
Drip Cover:	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:	Automatic Thermal Overload
Heater Indicator:	No Heater	Winding Thermal 1 Location:	SB
Insulation Class:	F	Winding Thermal 2:	None

Nameplate NP3273L

CAT.NO.	KEL11205A										
SPEC.	34M524R280G1										
HP	.33										
VOLTS	115/230										
AMP	3/1.5										
RPM	3475										
FRAME	56C				HZ	60				PH	1
SER.F.	1.35		CODE	H	DES	N		CL	F		
F.L. AVG. EFF.	70.5			PF	97						
RATING	40C AMB-CONT										
CC					USABLE AT 208V				1.6		
DE	6203				ODE	6203					
ENCL	OPEN		SN								
	SFA 3.9/1.95										

Parts List		
Part Number	Description	Quantity
SA293342	SA 34M524R280G1	1.000 EA
RA279440	RA 34M524R280G1	1.000 EA
OC3025F11	CYL OIL CAP 25MFD/370V	1.000 EA
EC4189A01	ELEC CAP, 189-227 MFD, 125V, 1.48D X 2.	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
34CB3002A	CB CAST W/.88 DIA HOLE	1.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA
34EP3200A03SP	FR ENDPLATE, MACH	1.000 EA
NS2501A02	INSULATOR, CAPACITOR BOX	1.000 EA
34CB3801	CAPACITOR BOX, DIE CAST	1.000 EA
51XB1214A08	12-14 X 1/2HX WS SL SR TYBX	2.000 EA
HW5100A03	WAVY WASHER (W1543-017)	1.000 EA
34EP3400A05	PU ENDPLATE, MACH	1.000 EA
34AD2000	BAFFLE PLATE, STAMPED	1.000 EA
51XT0632A06	6-32X3/8 TY23 HXWS SLDSR	4.000 EA
51XN1032A20	10-32 X 1 1/4 HX WS SL SR	2.000 EA
34FH4000A11	DRIP COVER, STAMPED,PRIMER	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
34CB4517	CB LID 4 MTG HOLES .22 DIA STAMPED, FOR	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HW2501D13	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
MG1000Y03	MUNSELL 2.53Y 6.70/ 4.60, GLOSS 20,	0.014 GA
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000 EA
HA3100A16	THRUBOLT 10-32 X 8.750	4.000 EA
SP5051A03	MODEL 35 TORQ STATIONARY SWITCH LEAD ASS	1.000 EA
LC0269	1PH,DV,REV,THERMAL,7 LD,L.AMP THRU HTR H	1.000 EA
LB1118	LABEL,WARNING (ROLL LABEL)	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1100/bx) 11/14	1.000 EA
NP3273L	ALUM SUPER-E THERMALLY PROTECTED	1.000 EA
35PA1000	PKG GRP, PRINT PK1008A06	1.000 EA
PK3083T	STYROFOAM PACKING CRADLE	1.000 EA
PK3088	MICROFOAM, 8"X"8 PERF. SHEETS 5,400/RL	1.000 EA

AC Induction Motor Performance Data

Record # 49135 - Typical performance - not guaranteed values

Winding: 34WGR280-R001	Type: 3413LC	Enclosure: OPEN
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Nameplate Data				115 V, 60 Hz: Low Voltage Connection	
Rated Output (HP)	.33			Full Load Torque	0.495 LB-FT
Volts	115/230			Start Configuration	direct on line
Full Load Amps	3/1.5			Breakdown Torque	1.37 LB-FT
R.P.M.	3475			Pull-up Torque	1.11 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	1.63 LB-FT
NEMA Design Code	N	KVA Code	H	Starting Current	21.7 A
Service Factor (S.F.)	1.35			No-load Current	0.91 A
NEMA Nom. Eff.	70.5	Power Factor	97	Line-line Res. @ 25°C	1.8711 Ω A Ph 3.6847 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	14°C
S.F. Amps	3.9/1.95			Temp. Rise @ S.F. Load	17°C

Load Characteristics 115 V, 60 Hz, 0.33 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	97	98	98	99	99	98	99
Efficiency	43.3	61.5	70.3	74.5	76.4	77.7	76.9
Speed	3567.1	3549.9	3526.5	3501.3	3474.4	3445.4	3463
Line amperes	1.29	1.76	2.32	2.91	3.54	4.2	3.8

Performance Graph at 115V, 60Hz, 0.33HP Typical performance - Not guaranteed values





