

BALDOR® • RELIANCE

Product Information Packet

KNM3534

.33HP,1725RPM,3PH,60HZ,56C,3416M,TENV,F1

Part Detail							
Revision:	R	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3416M	Elec. Spec:	34WG0116	CD Diagram:	CD0005
Enclosure:	TENV	Mfg Plant:		Mech. Spec:	34K013	Layout:	34LYK013
Frame:	56C	Mounting:	F1	Poles:	04	Created Date:	
Base:	N	Rotation:	R	Insulation:	B	Eff. Date:	09-21-2016
Leads:	9#18					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L

CAT.NO.	KNM3534										
SPEC.	34K13-116										
HP	.33										
VOLTS	208-230/460										
AMP	1.5-1.4/.7										
RPM	1725										
FRAME	56C				HZ		60		PH	3	
SER.F.	1.00			CODE	K	DES	B	CLASS	B		
NEMA-NOM-EFF	70			PF	64						
RATING	40C AMB-CONT										
CC				USABLE AT 208V							1.5
DE	6203			ODE	6203						
ENCL	TENV		SN								

Parts List		
Part Number	Description	Quantity
SA008075	SA 34K13-116	1.000 EA
RA004522	RA 34K13-116	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
34CB3002A	CB CAST W/.88 DIA HOLE	1.000 EA
34GS1029A01	GASKET, CONDUIT BOX	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
34EP3100A03SP	FR ENDPLATE, MACH	1.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
34EP3300A24SP	PU ENDPLATE, MACH	1.000 EA
51XN1032A20	10-32 X 1 1/4 HX WS SL SR	2.000 EA
34CB4517	CB LID 4 MTG HOLES .22 DIA STAMPED, FOR	1.000 EA
34GS1031A01	GASKET, FLAT CONDUIT BOX LID (LEXIDE)	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
MG1000G27	MED CHARCOAL METALLIC GREY 400-0096	0.014 GA
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000 EA
HA3100A12	THRUBOLT 10-32 X 7.375	4.000 EA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119N)	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
34PA1002	PKG GRP, PRINT PK1001A01	1.000 EA
PK3083T	STYROFOAM PACKING CRADLE W/TAPE	1.000 EA

AC Induction Motor Performance Data

Record # 6545 - Typical performance - not guaranteed values

Winding: 34WG0116-R001	Type: 3416M	Enclosure: TENV
-------------------------------	--------------------	------------------------

Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	.33			Full Load Torque	1 LB-FT
Volts	208-230/460			Start Configuration	direct on line
Full Load Amps	1.5-1.4/.7			Breakdown Torque	4.9 LB-FT
R.P.M.	1725			Pull-up Torque	3.35 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	3.75 LB-FT
NEMA Design Code	B	KVA Code	K	Starting Current	4.3 A
Service Factor (S.F.)	1			No-load Current	0.54 A
NEMA Nom. Eff.	70	Power Factor	64	Line-line Res. @ 25°C	39.4 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	60°C

Load Characteristics 460 V, 60 Hz, 0.33 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	28	41	52	61	68	73
Efficiency	50	65	72	75.5	77	77
Speed	1784	1771	1758	1744	1729	1713
Line amperes	0.55	0.58	0.62	0.67	0.73	0.81

Performance Graph at 460V, 60Hz, 0.33HP Typical performance - Not guaranteed values





