

# **BALDOR**® • **RELIANCE**

## **Product Information Packet**

### **JM3463**

**.75HP,3450RPM,3PH,60HZ,56J,3416M,TEFC,F1**

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Part Detail									
Revision:	U	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3416M	Elec. Spec:	34WG2719	CD Diagram:			
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	34K036	Layout:			
Frame:	56J	Mounting:	F1	Poles:	02	Created Date:			
Base:	N	Rotation:	R	Insulation:	B	Eff. Date:	11-05-2012		
Leads:	9#18	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1256L									
CAT.NO.	JM3463								
SPEC.	34K36-2719								
HP	.75								
VOLTS	208-230/460								
AMP	3.2-3/1.5								
RPM	3450								
FRAME	56J	HZ	60	PH	3				
SER.F.	1.50	CODE	M	DES	B	CLASS	B		
NEMA-NOM-EFF	74	PF	66						
RATING	40C AMB-CONT								
CC					USABLE AT 208V	4			
DE	6203	ODE	6203						
ENCL	TEFC	SN							
	SFA 4-3.8/1.9								

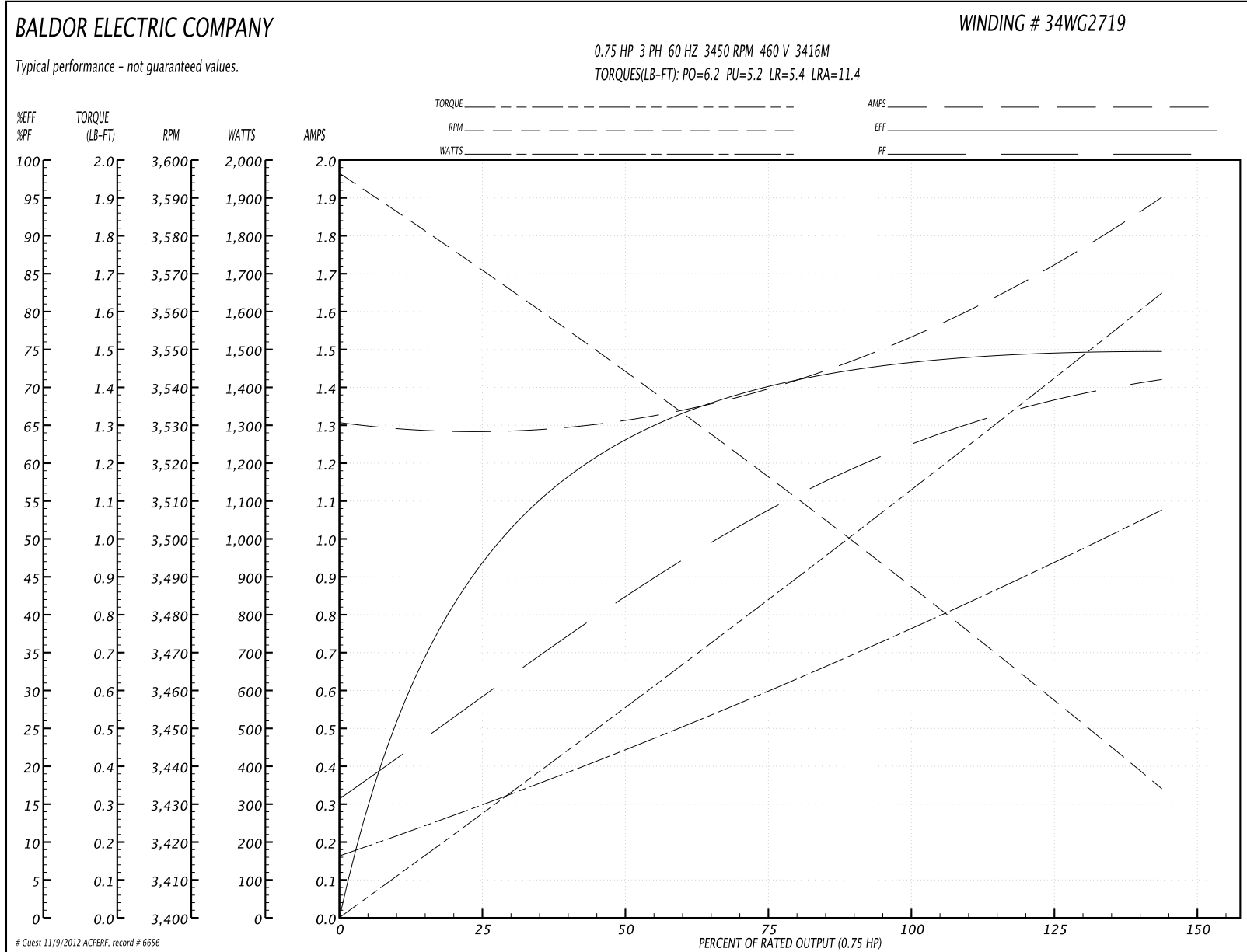
Parts List		
Part Number	Description	Quantity
SA008146	SA 34K36-2719	1.000 EA
RA004593	RA 34K36-2719	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
34CB3002A	CB CAST W/.88 DIA HOLE	1.000 EA
34GS1029A01	GASKET, CONDUIT BOX	1.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
34EP3102A01SP	FR ENDPLATE, MACH	1.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
34EP3300A24SP	PU ENDPLATE, MACH	1.000 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
WD4100A81	CAPLUG BPF-7/8, FOR .86-.88 HOLE	1.000 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
RM1010A01	35-968-1 VINYL CLS	1.000 EA
51XN1032A20	10-32 X 1 1/4 HX WS SL SR	2.000 EA
MG1000G27	PAINT- S9282E CHARCOAL GREY	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
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119)	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
NP1256L	ALUM UL CSA CC	1.000 EA
34PA1002	PACKING GROUP, BALDOR	1.000 EA
PK3083T	STYROFOAM PACKING CRADLE W/TAPE	1.000 EA

Accessories		
Part Number	Description	Multiplier
34-171	C FACE KIT	A8

Performance Data at 460V, 60Hz, 0.75HP (Typical performance - Not guaranteed values)							
General Characteristics							
Full Load Torque:	1.1 LB-FT			Start Configuration:	DOL		
No-Load Current:	1.3 Amps			Break-Down Torque:	6.2 LB-FT		
Line-line Res. @ 25°C.:	16.4 Ohms A Ph / 0.0 Ohms B Ph			Pull-Up Torque:	5.2 LB-FT		
Temp. Rise @ Rated Load:	55 C			Locked-Rotor Torque:	5.4 LB-FT		
Temp. Rise @ S.F. Load:	78 C			Starting Current:	11.4 Amps		
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	30.0	43.0	55.0	63.0	70.0	74.0	0.0
Efficiency:	47.6	62.6	69.8	73.0	74.4	74.8	0.0
Speed:	3569.0	3544.0	3518.0	3492.0	3463.0	3433.0	0.0
Line Amperes:	1.3	1.3	1.4	1.5	1.7	1.9	1.9

Performance Graph at 460V, 60Hz, 0.75HP Typical performance - Not guaranteed values



**Performance Data at 460V, 60Hz, 0.75HP (Typical performance - Not guaranteed values)**

General Characteristics			
Full Load Torque:	1.13 LB-FT	Start Configuration:	DOL
No-Load Current:	1.79 Amps	Break-Down Torque:	6.88 LB-FT
Line-line Res. @ 25°C.:	17.0 Ohms A Ph / 0.0 Ohms B Ph	Pull-Up Torque:	4.85 LB-FT
Temp. Rise @ Rated Load:	85 C	Locked-Rotor Torque:	5.95 LB-FT
Temp. Rise @ S.F. Load:	106 C	Starting Current:	11.0 Amps

Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	25.0	35.0	45.0	55.0	63.0	70.0	70.0
Efficiency:	38.8	55.6	64.3	69.3	71.8	73.0	73.0
Speed:	3560.0	3532.0	3502.0	3469.0	3435.0	3400.0	3400.0
Line Amperes:	1.78	1.77	1.8	1.84	1.94	2.06	2.06



Performance Graph at 460V, 60Hz, 0.75HP Typical performance - Not guaranteed values

