



Product Information Packet

JMM3218T

5HP,1750RPM,3PH,60HZ,184JM,3630M,OPSB,F1

Part Detail							
Revision:	E	Status:	INA/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	36WGS034	CD Diagram:	CD0005	Mfg Plant:	
Mech. Spec:	36H823	Layout:	36LYH823	Poles:	04	Created Date:	06-19-2010
Base:	RG	Eff. Date:	03-08-2016	Leads:	9#16		

Specs			
Catalog Number:	JMM3218T	Heater Indicator:	No Heater
Enclosure:	OPSB	Insulation Class:	F
Frame:	184JM	Inverter Code:	Not Inverter
Frame Material:	Steel	KVA Code:	J
Output @ Frequency:	5.000 HP @ 60 HZ	Lifting Lugs:	No Lifting Lugs
Synchronous Speed @ Frequency:	1800 RPM @ 60 HZ	Locked Bearing Indicator:	Locked Bearing
Voltage @ Frequency:	208.0 V @ 60 HZ	Motor Lead Quantity/Wire Size:	9 @ 16 AWG
	230.0 V @ 60 HZ	Motor Lead Exit:	Ko Box
	460.0 V @ 60 HZ	Motor Lead Termination:	Flying Leads
XP Class and Group:	None	Motor Type:	3630M
XP Division:	Not Applicable	Mounting Arrangement:	F1
Agency Approvals:	UR	Power Factor:	74
	CSA	Product Family:	General Purpose
Auxillary Box:	No Auxillary Box	Pulley End Bearing Type:	Ball
Auxillary Box Lead Termination:	None	Pulley Face Code:	C-Face
Base Indicator:	Rigid	Pulley Shaft Indicator:	Tapped & Key
Bearing Grease Type:	Polyrex EM (-20F +300F)	Rodent Screen:	Included
Blower:	None	Shaft Extension Location:	Pulley End

Current @ Voltage:	14.400 A @ 230.0 V	Shaft Ground Indicator:	No Shaft Grounding
	15.600 A @ 208.0 V	Shaft Rotation:	Reversible
	7.200 A @ 460.0 V	Shaft Slinger Indicator:	Shaft Slinger
Design Code:	A	Speed Code:	Single Speed
Drip Cover:	No 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:	None
		Winding Thermal 2:	None

Nameplate NP1256L

CAT.NO.	JMM3218T											
SPEC.	36H823S034H1											
HP	5											
VOLTS	208-230/460											
AMP	15.6-14.4/7.2											
RPM	1750											
FRAME	184JM				HZ		60			PH	3	
SER.F.	1.15		CODE		J	DES		A	CLASS			F
NEMA-NOM-EFF	87.5			PF		74						
RATING	40C AMB-CONT											
CC	010A			USABLE AT 208V								
DE	6207			ODE		6205						
ENCL	OPSB		SN									

Parts List		
Part Number	Description	Quantity
SA199294	SA 36H823S034H1	1.000 EA
RA186630	RA 36H823S034H1	1.000 EA
36CB3000SP	CONDUIT BOX, CAST	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
HW3001B01	BRASS CUP WASHER, FOR #10 SCREW	1.000 EA
36FE3200A25	FREP ASSEMBLY FOR ROUTING PURPOSES	1.000 EA
HA1103A08	RODENT SCREEN, 36 FRAME, OPEN, FRONT END	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	4.000 EA
HW1000A10	#10 FLAT WASHER (SAE)	4.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
36EP3405A04	PUEP 182-4C OPEN 207 BRG W/ TSLV, GRSR	1.000 EA
HA1102A07	RODENT SCREEN 36 OPEN FACE	2.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	4.000 EA
HW1000A10	#10 FLAT WASHER (SAE)	4.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
10XN2520A24	1/4-20X 1 1/2 HEX HD X	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 EA
35CB4514	35 LIPPED CB LID	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HA1005A07	SLINGER, OD 2.25, ID 1.344, 307 BRG	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HW2501D15	KEY, 3/16 X 1.625	1.000 EA
HA7000A01	KEY RETAINER 7/8" DIA SHAFT	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
MG1000G27	MED CHARCOAL METALLIC GREY 400-0096	0.022 GA
HA3101A25	THRUBOLT 1/4-20 X 11.000 OHIO ROD	4.000 EA
36AD2004A01	BAFFLE PLATE,MOD 36-SLTD BAND MTRS DELTA	2.000 EA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119N)	1.000 EA
NP1256L	ALUM UL CSA CC INDUSTRIAL MOTOR A60	1.000 EA
G7PA1000	PKG GRP, PRINT PK1034A06	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 5/18	1.000 EA

AC Induction Motor Performance Data

Record # 36904 - Typical performance - not guaranteed values

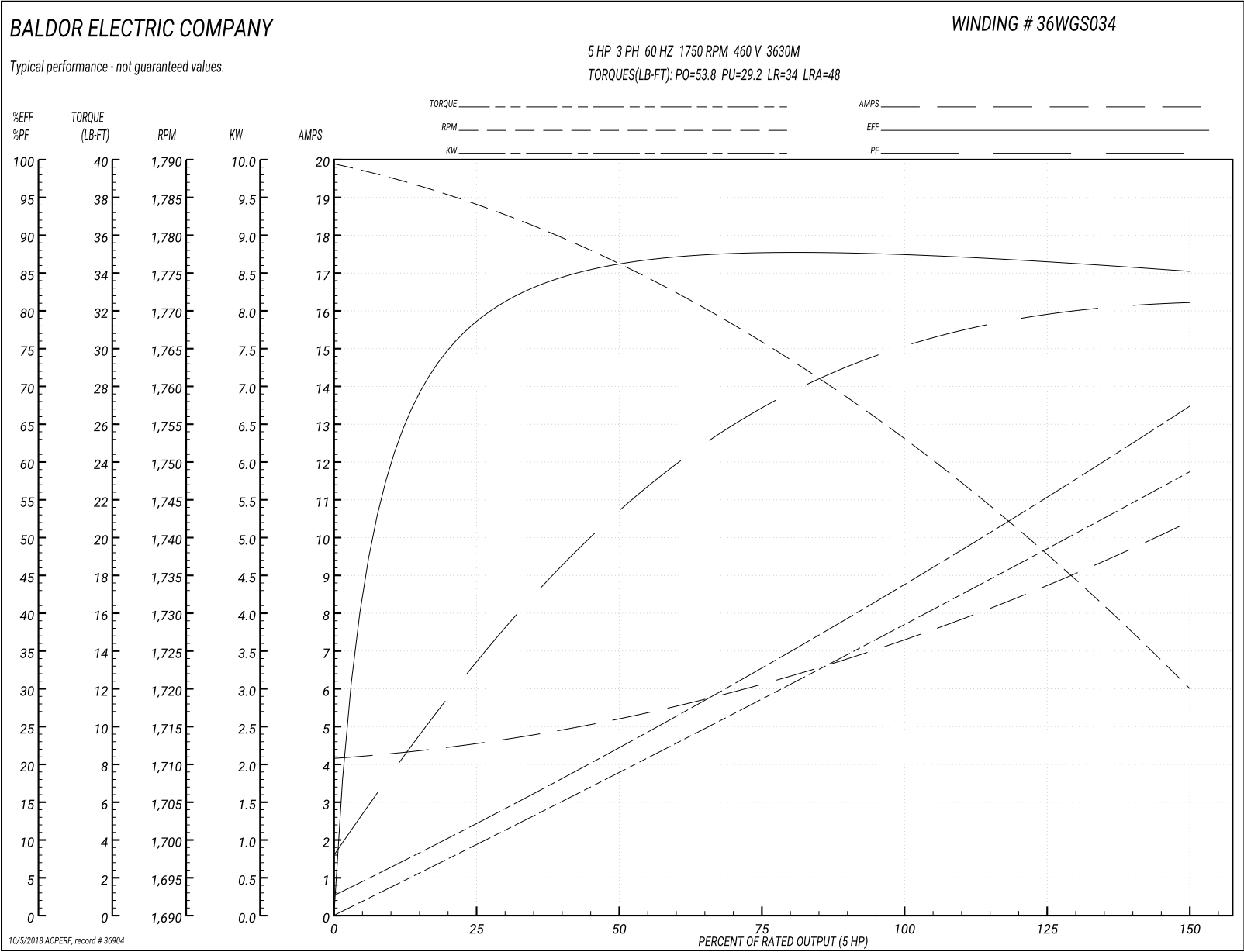
Winding: 36WGS034-R002	Type: 3630M	Enclosure: OPSB
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	5			Full Load Torque	14.8 LB-FT
Volts	208-230/460			Start Configuration	direct on line
Full Load Amps	15.6-14.4/7.2			Breakdown Torque	53.8 LB-FT
R.P.M.	1750			Pull-up Torque	29.2 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	34 LB-FT
NEMA Design Code	A	KVA Code	J	Starting Current	48 A
Service Factor (S.F.)	1.15			No-load Current	4.21 A
NEMA Nom. Eff.	87.5	Power Factor	74	Line-line Res. @ 25°C	2.8 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	50°C
S.F. Amps				Temp. Rise @ S.F. Load	60°C
				Locked-rotor Power Factor	44
				Rotor inertia	0.279 LB-FT ²

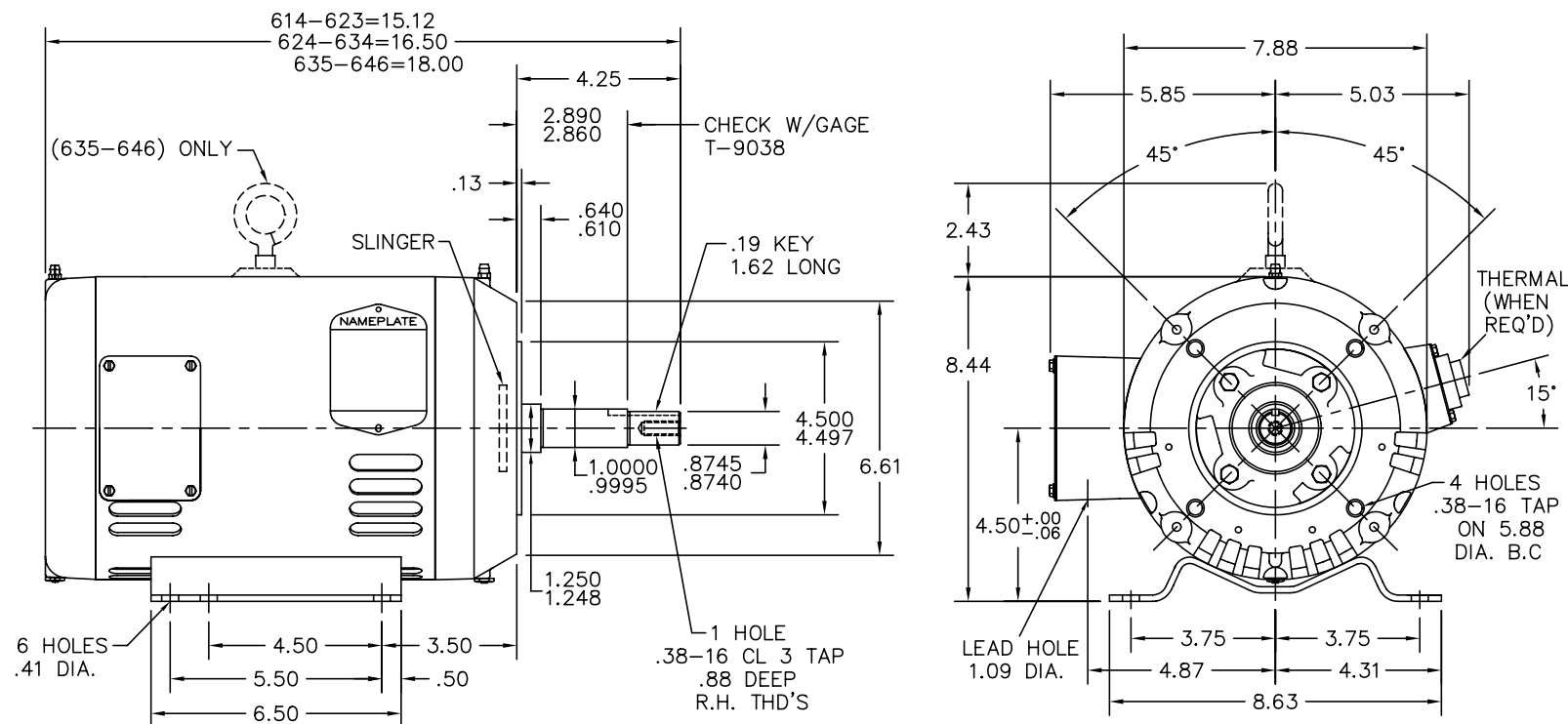
Load Characteristics 460 V, 60 Hz, 5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	33	53	66	74	78	82	76
Efficiency	76.4	85.4	87.5	87.8	87.2	85	87.4
Speed	1788	1778	1766	1754	1740	1721	1746
Line amperes	4.46	5.11	5.99	7.16	8.49	10.4	7.96

Performance Graph at 460V, 60Hz, 5.0HP Typical performance - Not guaranteed values



36LYH823



CUST. NAME		CUST. P.O.		CERTIFIED BY		MODEL		INSUL		AMB							
H.P.		MTG		TYPE		R.P.M.		VOLTS		ENCL		PHASE		FREQ		FRAME	
REV. DESC: UPDATED KEY NOTE TO MATCH BOM, SEE EC09										BALDOR ELECTRIC Co.							
REV. LTR: C		BY: JED		REVISED: 11/11/99 10:23		TDR: 0195253											
Σ28HΛ79Σ				FILE: AAA00044140		MDL: —		HORZ 182—4JM OPSB 36M W/SCREENS									
				MTL: —													

36LYH823

