



Product Information Packet

L3407

.33HP,1140RPM,1PH,60HZ,48,3424L,TEFC,F1

Part Detail							
Revision:	U	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	34WG5855	CD Diagram:	CD0001	Mfg Plant:	
Mech. Spec:	34C051	Layout:	34LYC051	Poles:	06	Created Date:	
Base:	RG	Eff. Date:	11-18-2020	Leads:	6#18		

Specs			
Catalog Number:	L3407	Insulation Class:	B
Enclosure:	TEFC	Inverter Code:	Not Inverter
Frame:	48	IP Rating:	NONE
Frame Material:	Steel	KVA Code:	M
Motor Letter Type:	Cap Start, Induction Run	Lifting Lugs:	No Lifting Lugs
Output @ Frequency:	.330 HP @ 60 HZ	Locked Bearing Indicator:	No Locked Bearing
Synchronous Speed @ Frequency:	1200 RPM @ 60 HZ	Motor Lead Quantity/Wire Size:	6 @ 18 AWG
Voltage @ Frequency:	230.0 V @ 60 HZ	Motor Lead Exit:	Ko Box
	115.0 V @ 60 HZ	Motor Lead Termination:	Flying Leads
XP Class and Group:	None	Motor Type:	3424L
XP Division:	Not Applicable	Mounting Arrangement:	F1
Agency Approvals:	CSA	Power Factor:	55
	UR	Product Family:	General Purpose
Auxillary Box:	No Auxillary Box	Pulley End Bearing Type:	Ball
Auxillary Box Lead Termination:	None	Pulley Face Code:	Standard
Base Indicator:	Rigid	Pulley Shaft Indicator:	Standard
Bearing Grease Type:	Polyrex EM (-20F +300F)	Rodent Screen:	None
Blower:	None	Shaft Extension Location:	Pulley End

Current @ Voltage:	4.300 A @ 208.0 V	Shaft Ground Indicator:	No Shaft Grounding
	7.400 A @ 115.0 V	Shaft Rotation:	Reversible
	3.700 A @ 230.0 V	Shaft Slinger Indicator:	No Slinger
Design Code:	N	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
Heater Indicator:	No Heater	Winding Thermal 2:	None

Nameplate NP1256L

CAT.NO.	L3407												
SPEC.	34C51-5855												
HP	.33												
VOLTS	115/230												
AMP	7.4/3.7												
RPM	1140												
FRAME	48				HZ		60				PH		1
SER.F.	1.35			CODE		M	DES		N	CLASS		B	
NEMA-NOM-EFF	54			PF		55							
RATING	40C AMB-CONT												
CC				USABLE AT 208V									4.3
DE	6203			ODE		6203							
ENCL	TEFC			SN									
	SFA 8.2/4.1												

AC Induction Motor Performance Data

Record # 6824

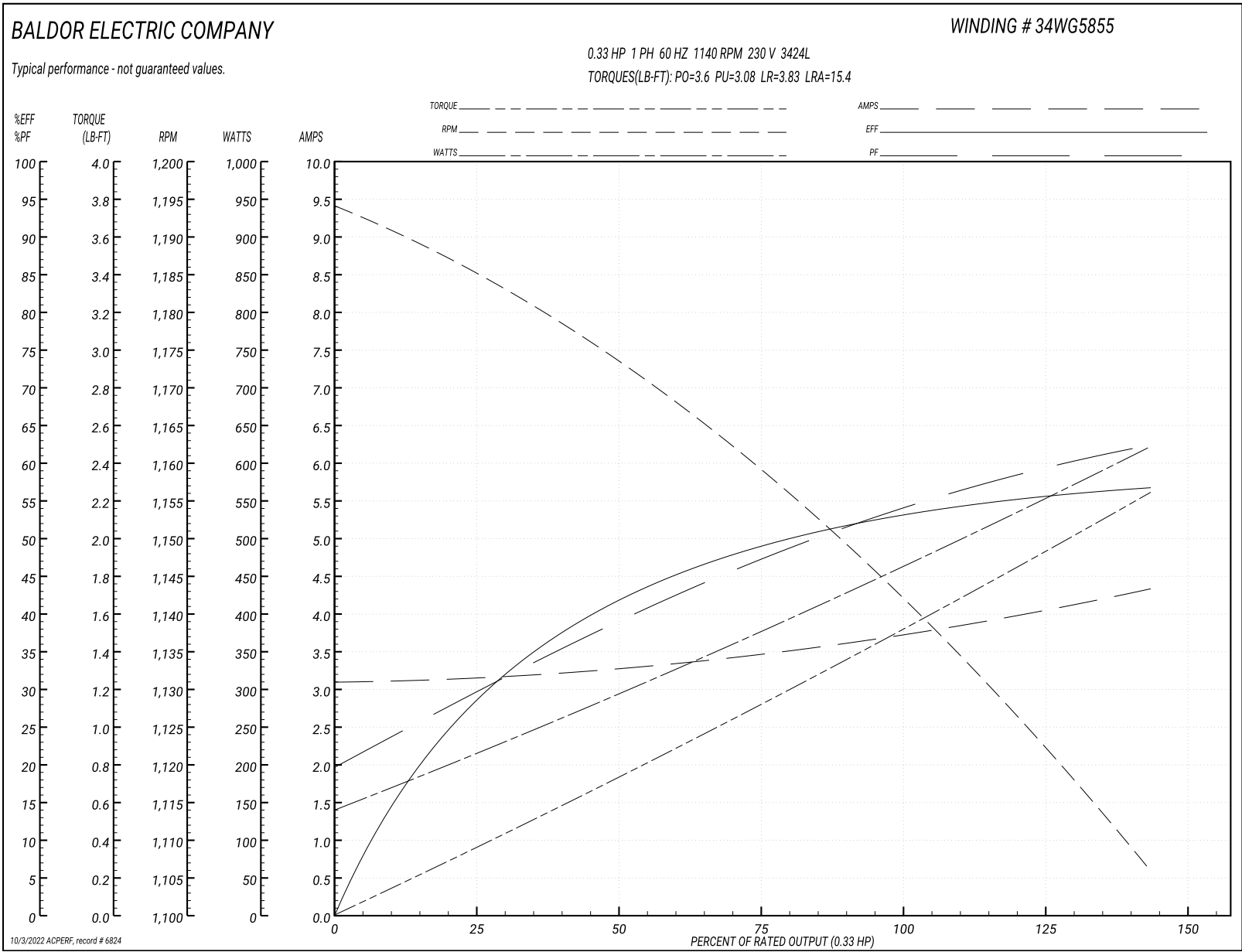
Typical performance - not guaranteed values

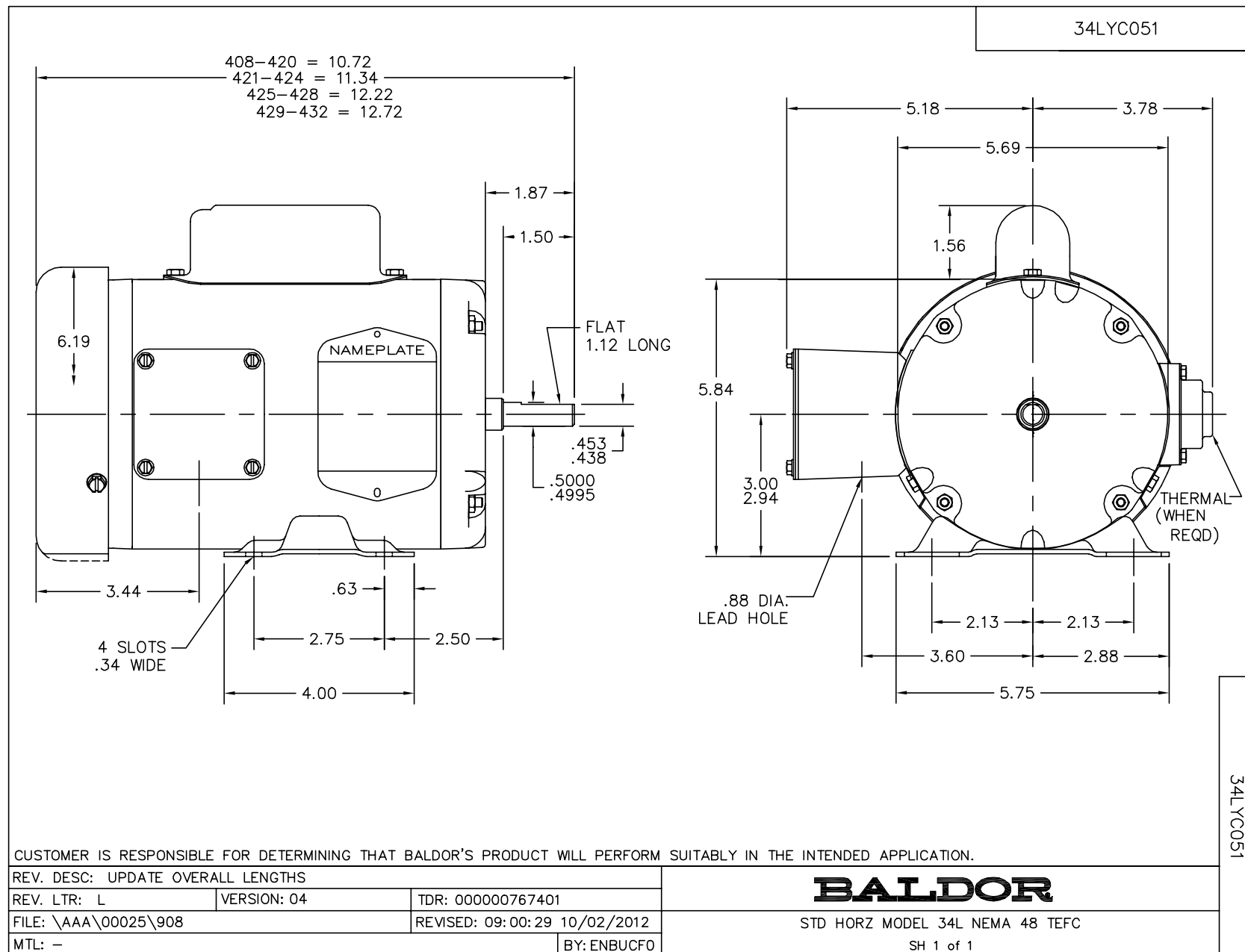
Winding: 34WG5855-R001				Type: 3424L		Enclosure: OPEN					
Nameplate Data				230 V, 60 Hz: High Voltage Connection							
Rated Output (HP)		.33		Full Load Torque		1.5 LB-FT					
Volts		115/230		Start Configuration		direct on line					
Full Load Amps		7.4/3.7		Breakdown Torque		3.6 LB-FT					
R.P.M.		1140		Pull-up Torque		3.08 LB-FT					
Hz		60 Phase		1		Locked-rotor Torque		3.83 LB-FT			
NEMA Design Code		N		KVA Code		M		Starting Current		15.4 A	
Service Factor (S.F.)		1.35		No-load Current		3.1 A					
NEMA Nom. Eff.		54		Power Factor		55		Line-line Res. @ 25°C		6.12 Ω A Ph 5.66 Ω B Ph	
Rating - Duty		40C AMB-CONT		Temp. Rise @ Rated Load		67°C					
S.F. Amps		8.2/4.1		Temp. Rise @ S.F. Load		82°C					

Load Characteristics 230 V, 60 Hz, 0.33 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	30	39	48	55	61	67	65
Efficiency	27	41	50	54	56	56	56
Speed	1185	1170	1160	1145	1125	1105	1115
Line amperes	3.1	3.35	3.5	3.7	3.9	4.4	4.1

Performance Graph at 230V, 60Hz, 0.33HP Typical performance - Not guaranteed values





CD0001

