

ABB BALDOR RELIANCE III

Customer information packet

L5026

1HP, 1140RPM, 1PH, 60HZ, 184, X3634L, XPFC, F1

Class - CLI GP D; CLII GP F,G

Division - Division I

Specifications

Enclosure	XPFC
Frame	184
Frame Material	Steel
Frequency	60.00 Hz
Haz Area Class and Group	CLI GP D; CLII GP F,G
Haz Area Division	Division I
Motor Letter Type	Cap Start, Induction Run
Output @ Frequency	1.000 HP @ 60 HZ
Phase	1
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ 208.0 V @ 60 HZ 115.0 V @ 60 HZ
Agency Approvals	CSA UL
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Auxiliary Box Lead Termination	None
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	7.400 A @ 208.0 V 7.000 A @ 230.0 V 14.000 A @ 115.0 V
Design Code	L
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	67.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Standard
Front Shaft Indicator	None

Part Detail

Revision	AQ
Type	AC
Mech. spec.	36N007
Base	
Status	PRD/A
Elec. spec.	36WG0608
Layout	36LYN007
Eff. date	10-10-2025
CD Diagram	CD0001
Poles	06
Leads	6#16
Proprietary	False
Created date	01-01-0001

Haz Area Temp Code	T3C
Heater Indicator	No Heater
High Voltage Full Load Amps	7.0 a
Insulation Class	B
Inverter Code	Not Inverter
KVA Code	K
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	6 @ 16 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3634L
Mounting Arrangement	F1
Number of Poles	6
Overall Length	16.92 IN
Power Factor	67
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Pulley Shaft Indicator	Standard
Rodent Screen	None
Service Factor	1.00
Shaft Diameter	0.875 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1140 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	Normally Closed Thermostat
Vibration Sensor Indicator	No Vibration Sensor



Winding Thermal 1	None
Winding Thermal 2	None

Nameplate

NP1426XPSL									
NO.		CC							
SER.									
SPEC.	36N07-608								
CAT.NO.	L5026								
HP	1		T. CODE	T3C					
VOLTS	115/208-230								
AMPS	14/7.4-7								
RPM	1140								
HZ	60		PH	1		CL	B		
SER.F.	1.00		DES	L		CODE	K		
RATING	40C AMB-CONT								
FRAME	184		NEMA-NOM-EFF						67
		PF	67						
BLANK									

AC Induction Motor Performance Data

Record # 10489

Typical performance - not guaranteed values

Winding: 36WG0608-R005			Type: 3634L		Enclosure: XPFC			
Nameplate Data				230 V, 60 Hz: High Voltage Connection				
Rated Output (HP)		1		Full Load Torque		4.6 LB-FT		
Volts		115/208-230		Start Configuration		direct on line		
Full Load Amps		14/7.4-7		Breakdown Torque		8.5 LB-FT		
R.P.M.		1140		Pull-up Torque		7.9 LB-FT		
Hz	60	Phase	1	Locked-rotor Torque		12 LB-FT		
NEMA Design Code		L	KVA Code	K		Starting Current	34 A	
Service Factor (S.F.)		1		No-load Current		4.85 A		
NEMA Nom. Eff.		67	Power Factor	67	Line-line Res. @ 25°C		0.502 Ω A Ph 1.74 Ω B Ph	
Rating - Duty		40C		AMB-CONT		Temp. Rise @ Rated Load		74°C

Load Characteristics 230 V, 60 Hz, 1 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	34	48	59	67	73	76
Efficiency	47.8	62.6	68.5	70.6	70.4	68.3
Speed	1188	1178	1168	1155	1140	1119
Line amperes	5.05	5.4	6	6.85	7.95	9.4

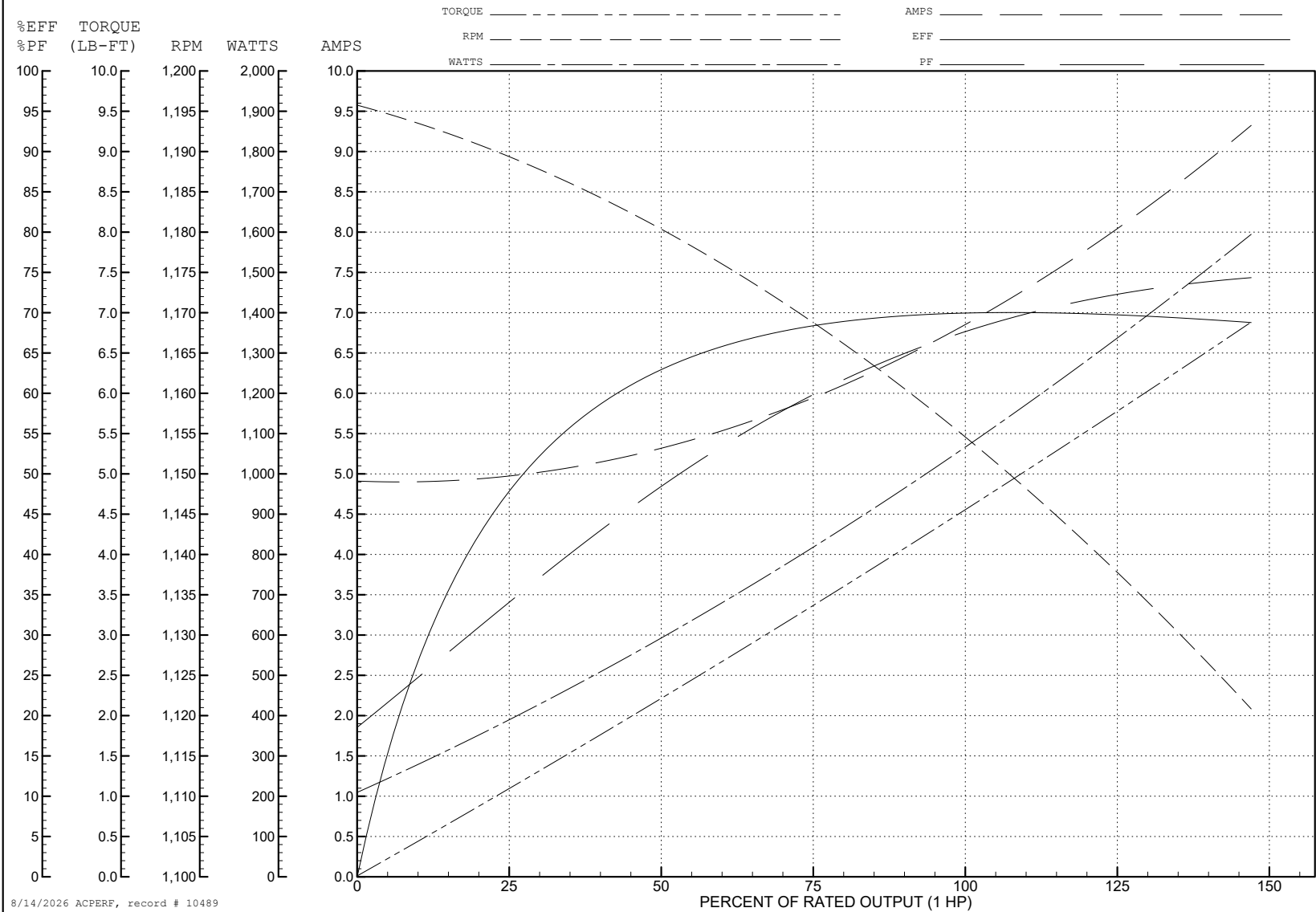
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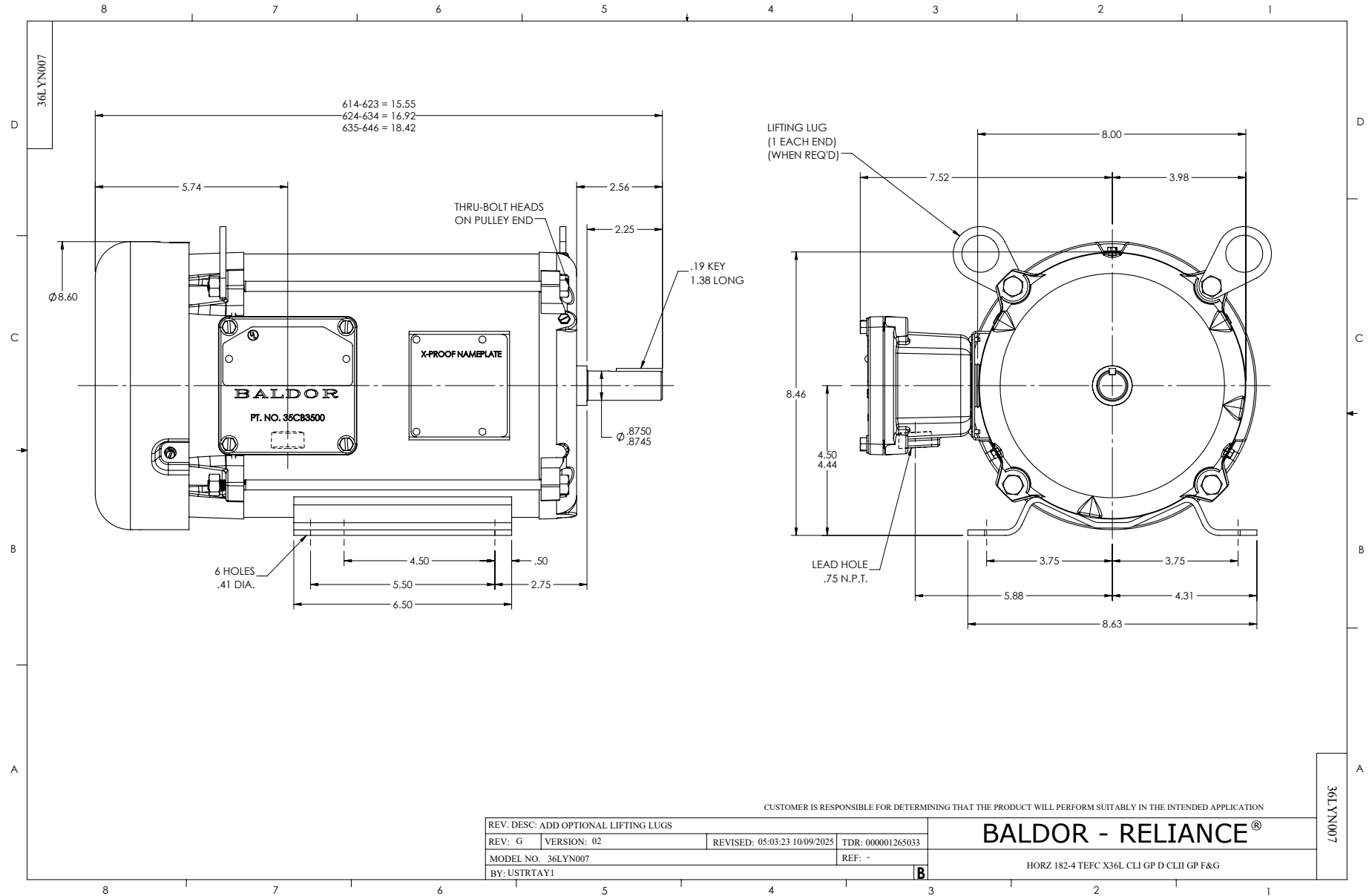
WINDING # 36WG0608

Typical performance - not guaranteed values.

1 HP 1 PH 60 HZ 1140 RPM 230 V 3634L

TORQUES (LB-FT): PO=8.5 PU=7.9 LR=12 LRA=34





CD0001

