

ABB BALDOR RELIANCE III

Customer information packet

XM18522T

34M 2P XPFC HOR 184T T'STATS INVERTER

Class - CLI GP D; CLII GP F,G

Division - Division I

Specifications

Enclosure	XPFC
Frame	184T
Frame Material	Steel
Frequency	50.00 Hz 60.00 Hz
Haz Area Class and Group	CLI GP D; CLII GP F,G
Haz Area Division	Division I
Motor Letter Type	Three Phase
Output @ Frequency	3.000 HP @ 50 HZ 5.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	3600 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ 380.0 V @ 50 HZ 230.0 V @ 60 HZ 190.0 V @ 50 HZ
Agency Approvals	CSA EEV 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
Constant Torque Speed Range	2.2
Current @ Voltage	8.400 A @ 190.0 V 5.600 A @ 460.0 V 4.200 A @ 380.0 V 11.200 A @ 230.0 V
Design Code	A
Drip Cover	No Drip Cover
Duty Rating	CONT

Part Detail

Revision	F
Type	AC
Mech. spec.	36R726
Base	
Status	PRD/A
Elec. spec.	36WGT860
Layout	36LYR726
Eff. date	06-18-2026
CD Diagram	CD0005
Poles	02
Leads	9#16
Proprietary	False
Created date	12-19-2018

Efficiency @ 100% Load	89.5 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Shaft Indicator	None
Haz Area Temp Code	T3C
Heater Indicator	No Heater
High Voltage Full Load Amps	4.2 a
Insulation Class	F
Inverter Code	Inverter Duty
IP Rating	NONE
KVA Code	L
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Max Speed	5400 rpm
Motor Lead Quantity/Wire Size	9 @ 16 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	X3634M
Mounting Arrangement	F1
Number of Poles	2
Overall Length	18.93 IN
Power Factor	94
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Pulley Shaft Indicator	Standard
Rodent Screen	None
RoHS Status	ROHS NON-COMPLIANT
Service Factor	1.00
Shaft Diameter	1.125 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	2870 rpm

	3470 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

NP0887XPSLEV

NO.		CC	010A		
S/N		TEMP CODE	T3C		
SPEC.	36R726T860G1	INV.TYPE	PWM		
CAT.NO.	XM18522T	C HP FR	60	C HP TO	90
HP	5//3	CT HZ FROM	2.2	CT HZ TO	60
VOLTS	230/460//190/380	VT HZ FROM	2.2	VT HZ TO	60
AMPS	11.2/5.6//8.4/4.2	MAG CUR	3.2/1.6		
RPM	3470//2870	MX RPM	5400		
HZ	60//50	PH	3	CL	F
		NOM.EFF.	89.5		
SER.F.	1.00	DES	A	SL HZ	2.2
		WK2	0.15		
FRAME	184T	RATING	40C AMB-CONT		
	55C AMB AT 1.00 SF SINEWAVE				
	NEMA MG-1 PART 5, IP54		1.15 SF SINEWAVE		

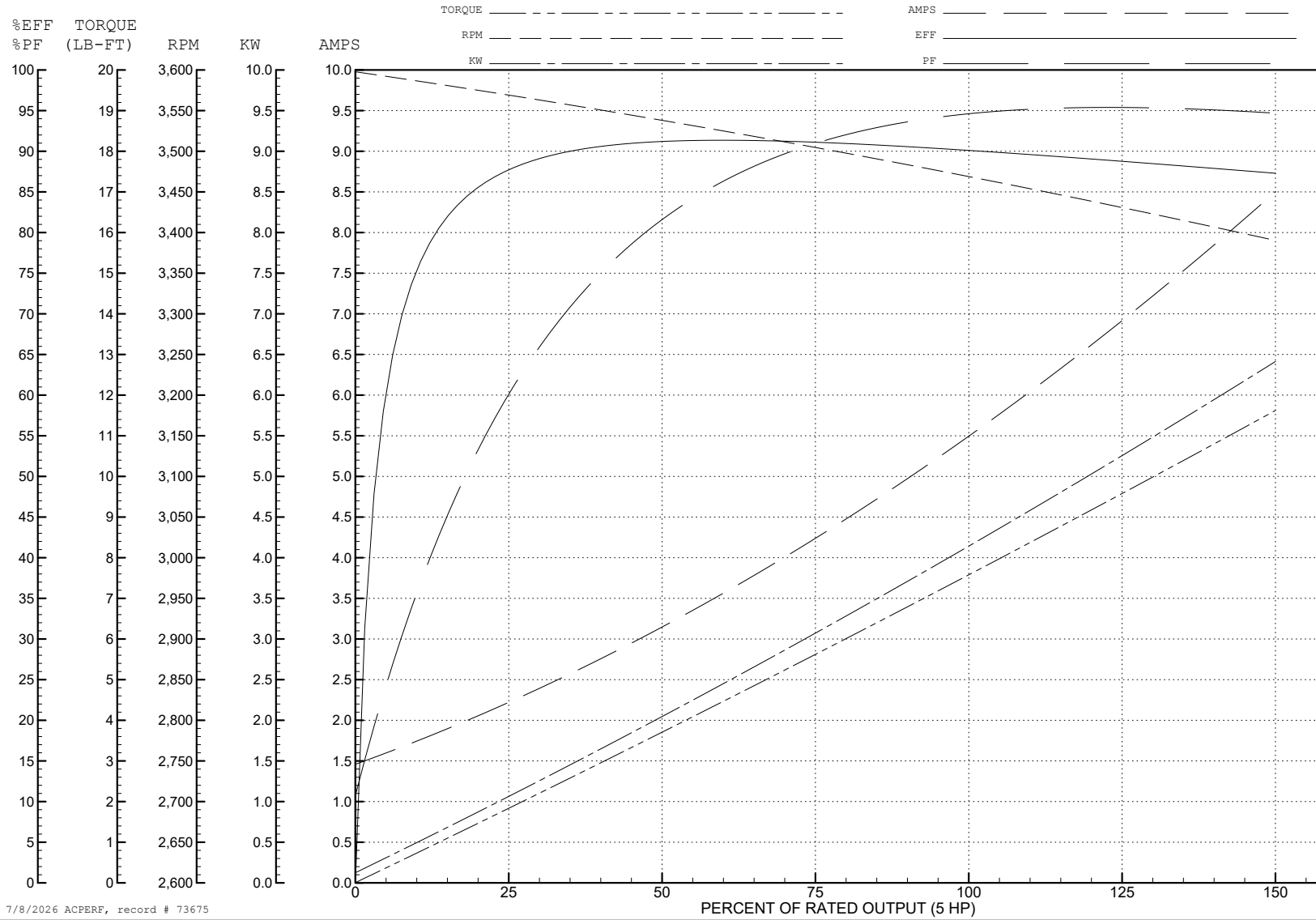
ABB Motors and Mechanical Inc.

WINDING # 36WGT860

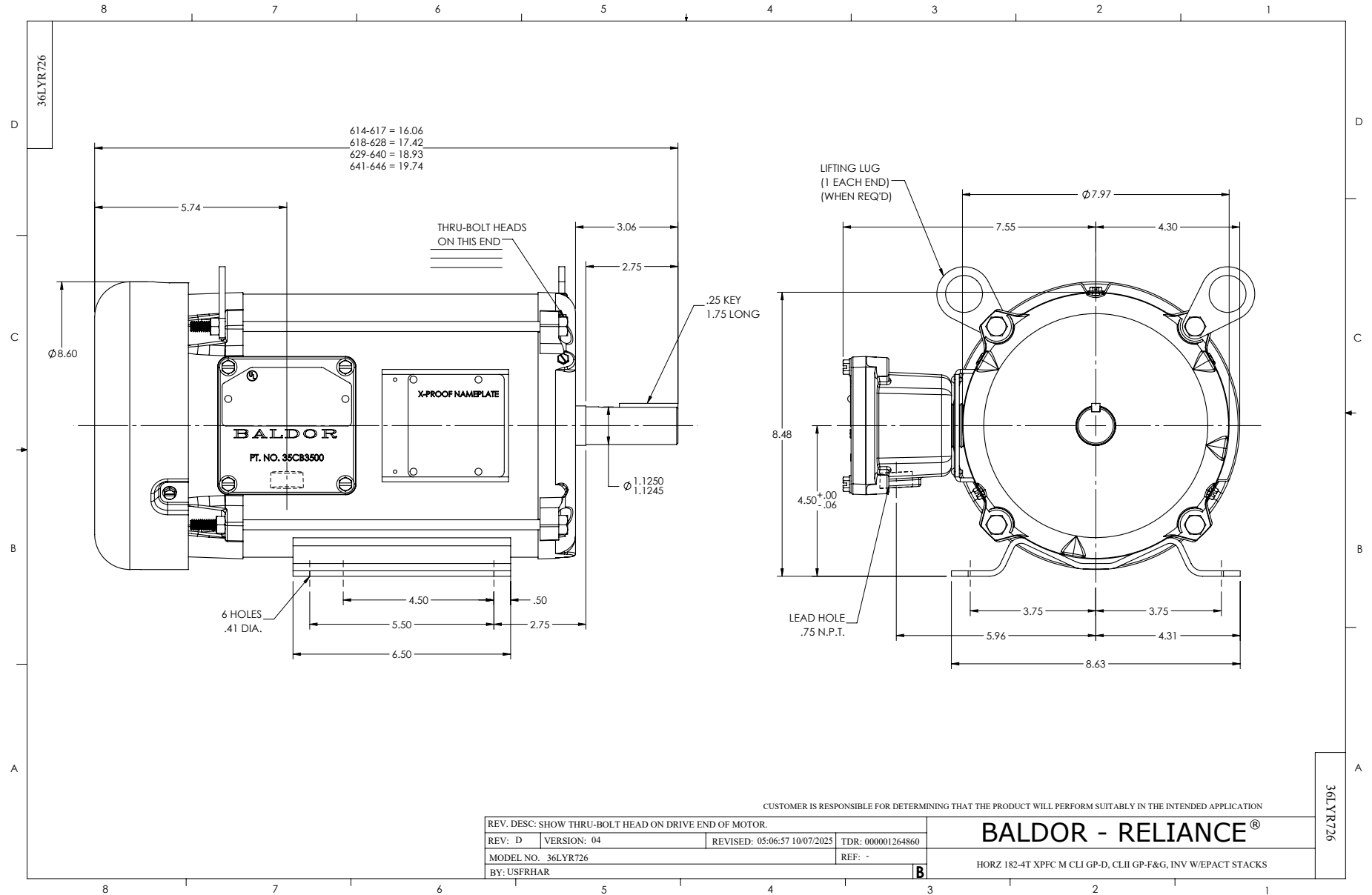
5 HP 3 PH 60 HZ 3469 RPM 460 V 3634M

Typical performance - not guaranteed values.

TORQUES (LB-FT): PO=41.6 PU=26.2 LR=30.5 LRA=59.3



7/8/2026 ACPERF, record # 73675



CD0005



LOW VOLTAGE
(2Y)



LINE

HIGH VOLTAGE
(1Y)



LINE

NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
3. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY BE A MULTIPLE OF THOSE SHOWN ABOVE.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

CD0005

REV. DESC: REVISE TO SHOW OPTIONAL COLORS

REV. LTR: E

BY: JLP

REVISED: 01/19/99 10:15

TDR: 0171435

500000

FILE: AAA00005140

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS