

BALDOR® • RELIANCE 

Product Information Packet

XM18342T-5

32M 4P XPFC HOR 182T T'STATS INVERTER

Part Detail							
Revision:	A	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	36WGS582	CD Diagram:	CD0006	Mfg Plant:	
Mech. Spec:	36R726	Layout:	36LYR726	Poles:	04	Created Date:	12-19-2018
Base:	RG	Eff. Date:	04-28-2021	Leads:	3#16		

Specs			
Catalog Number:	XM18342T-5	Inverter Code:	Inverter Duty
Enclosure:	XPFC	IP Rating:	NONE
Frame:	182T	KVA Code:	K
Frame Material:	Steel	Lifting Lugs:	No Lifting Lugs
Output @ Frequency:	3.000 HP @ 60 HZ	Locked Bearing Indicator:	No Locked Bearing
Synchronous Speed @ Frequency:	1800 RPM @ 60 HZ	Motor Lead Quantity/Wire Size:	3 @ 16 AWG
Voltage @ Frequency:	575.0 V @ 60 HZ	Motor Lead Termination:	Flying Leads
XP Class and Group:	CLI GP D; CLII GP F,G	Motor Type:	X3632M
XP Division:	Division I	Mounting Arrangement:	F1
Agency Approvals:	UR	Power Factor:	75
	CSA EEV	Product Family:	General Purpose
	CSA	Pulley End Bearing Type:	Ball
Auxillary Box:	No Auxillary Box	Pulley Face Code:	Standard
Auxillary Box Lead Termination:	None	Pulley Shaft Indicator:	Standard
Base Indicator:	Rigid	Rodent Screen:	None
Bearing Grease Type:	Polyrex EM (-20F +300F)	RoHS Status:	ROHS NON-COMPLIANT
Blower:	None	Shaft Ground Indicator:	No Shaft Grounding
Constant Torque Speed Range:	1.3	Shaft Rotation:	Reversible

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Current @ Voltage:	3.300 A @ 575.0 V	Shaft Slinger Indicator:	No Slinger
Design Code:	B	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:	Normally Closed Thermostat
Front Shaft Indicator:	None	Vibration Sensor Indicator:	No Vibration Sensor
Heater Indicator:	No Heater	Winding Thermal 1:	None
Insulation Class:	F	Winding Thermal 2:	None
		XP Temp Code:	T3C

Nameplate NP0887XPSLEV										
NO.						CC	010A			
S/N						TEMP CODE	T3C			
SPEC.	36R726S582G1					INV. TYPE	PWM			
CAT.NO.	XM18342T-5					C HP FR	60		C HP TO	90
HP	3					CT HZ FROM	1.3		CT HZ TO	60
VOLTS	575					VT HZ FROM	1.3		VT HZ TO	60
AMPS	3.3					MAG CUR	1.9			
RPM	1760					MX RPM	2700			
HZ	60	PH	3	CL	F	NOM.EFF.	89.5			
SER.F.	1.00		DES	B	SL HZ	1.3	WK2	0.3		
FRAME	182T		RATING	40C AMB-CONT						
55C AMB AT 1.00 SF SINEWAVE										
NEMA MG-1 PART 5, IP54					1.15 SF SINEWAVE					

Parts List		
Part Number	Description	Quantity
SA364287	SA 36R726S582G1	1.000 EA
RA353609	RA 36R726S582G1	1.000 EA
36FN3000C01SP	EXFN, PLASTIC, 5.25 OD, .912 ID	1.000 EA
35CB3001A02SP	EXPL PROOF CONDUIT BOX, 3/4"PIPE TAP LEA	1.000 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
36EP3700A01	FR ENDPLATE, MACH	1.000 EA
HW4500A19	1/4-28X1/4 SLOTTED PLUG F/S	2.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
36EP3701A01	PU ENDPLATE, MACH	1.000 EA
HW4500A19	1/4-28X1/4 SLOTTED PLUG F/S	2.000 EA
XY3816A12	3/8-16 FINISHED NUT	4.000 EA
36FH4009A02	FAN COVER FOR VM7042T,PRIMER	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
35CB3500A01SP	CONDUIT BOX LID, MACH	1.000 EA
51XN2520A16	SCREW, HEX WS SLT, ZN, 1/4-20 X 1.00	4.000 EA
HW2501E16	KEY, 1/4 SQ X 1.750	1.000 EA
HA7000A02	KEY RETAINER RING, 1 1/8 DIA, 1 3/8 DIA	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	6.000 EA
NP0018F	ALUM UL XP CONDUIT BOX NAMEPLATE	1.000 EA
HA1025A21	WSHR,FELT .125" THK	1.000 EA
MJ1000A02	GREASE, MOBIL POLYREX EM - 124047	0.050 LB
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
MG1025G29	WILKOFAS, 789.229, DARK CHARCOAL GRAY	0.022 GA

Parts List (continued)		
Part Number	Description	Quantity
HA3105A09	THRUBOLT 3/8-16 X 12.000	4.000 EA
LB1119N	WARNING LABEL	1.000 EA
LC0006	CONNECTION LABEL	1.000 EA
NP0887XPSLEV	SS XP INV UL CSA-EEV CC CL-I GP-D	1.000 EA
G0PA1000	PKG GRP, PRINT PK1026A06	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (2100/bx) 4/22	1.000 EA

AC Induction Motor Performance Data

Record # 73921

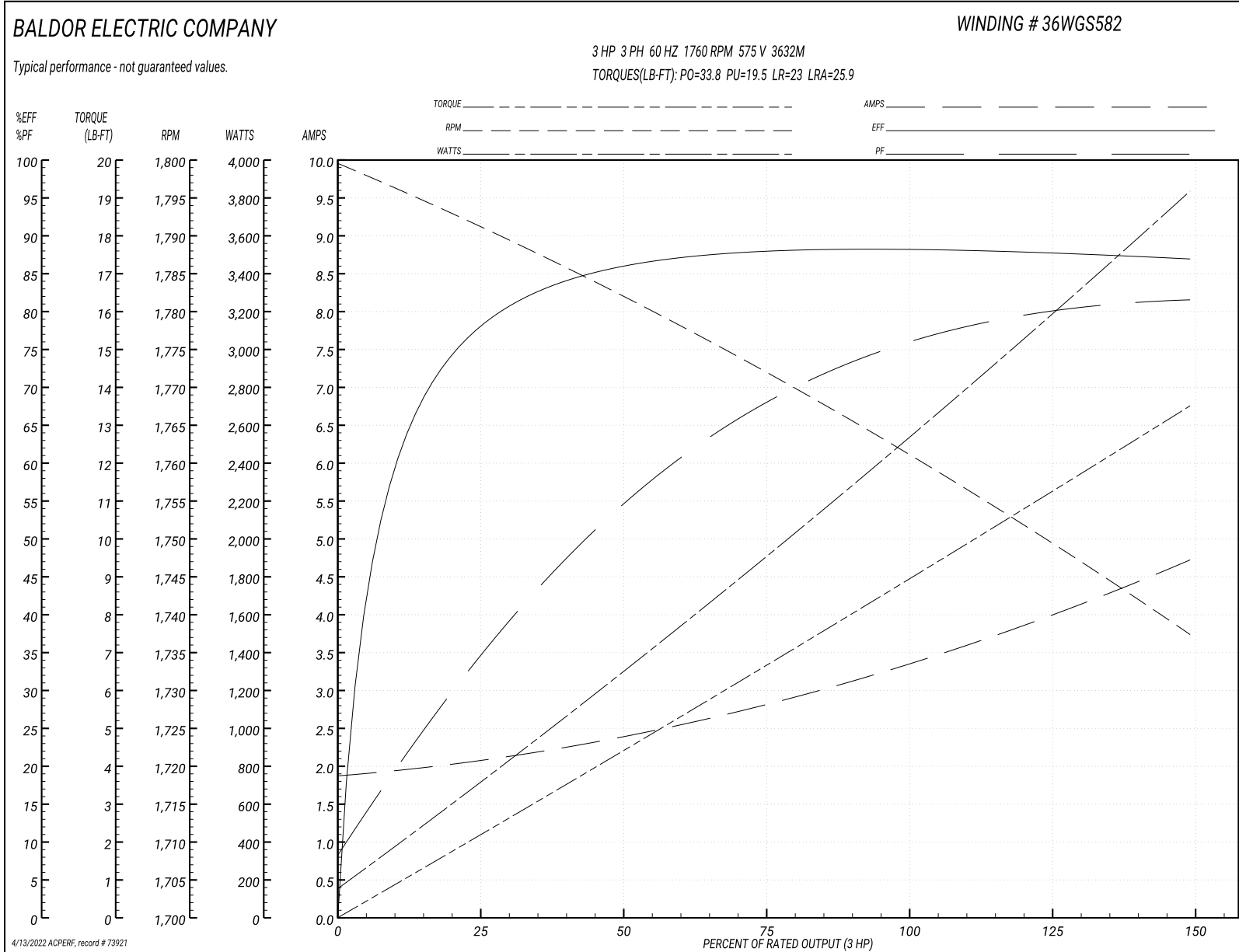
Typical performance - not guaranteed values

Winding: 36WGS582-R023		Type: 3632M		Enclosure: XPFC	
Nameplate Data			575 V, 60 Hz: High Voltage Connection		
Rated Output (HP)	3	Full Load Torque	8.89 LB-FT		
Volts	575	Start Configuration	direct on line		
Full Load Amps	3.3	Breakdown Torque	33.8 LB-FT		
R.P.M.	1760	Pull-up Torque	19.5 LB-FT		
Hz	60 Phase	3	Locked-rotor Torque	23 LB-FT	
NEMA Design Code	B KVA Code	K	Starting Current	25.9 A	
Service Factor (S.F.)		1	No-load Current	1.9 A	
NEMA Nom. Eff.	89.5 Power Factor	75	Line-line Res. @ 25°C	5.97 Ω	
Rating - Duty	40C AMB-CONT		Temp. Rise @ Rated Load	41°C	
			Locked-rotor Power Factor	42.5	
			Rotor inertia	0.298 LB-FT ²	

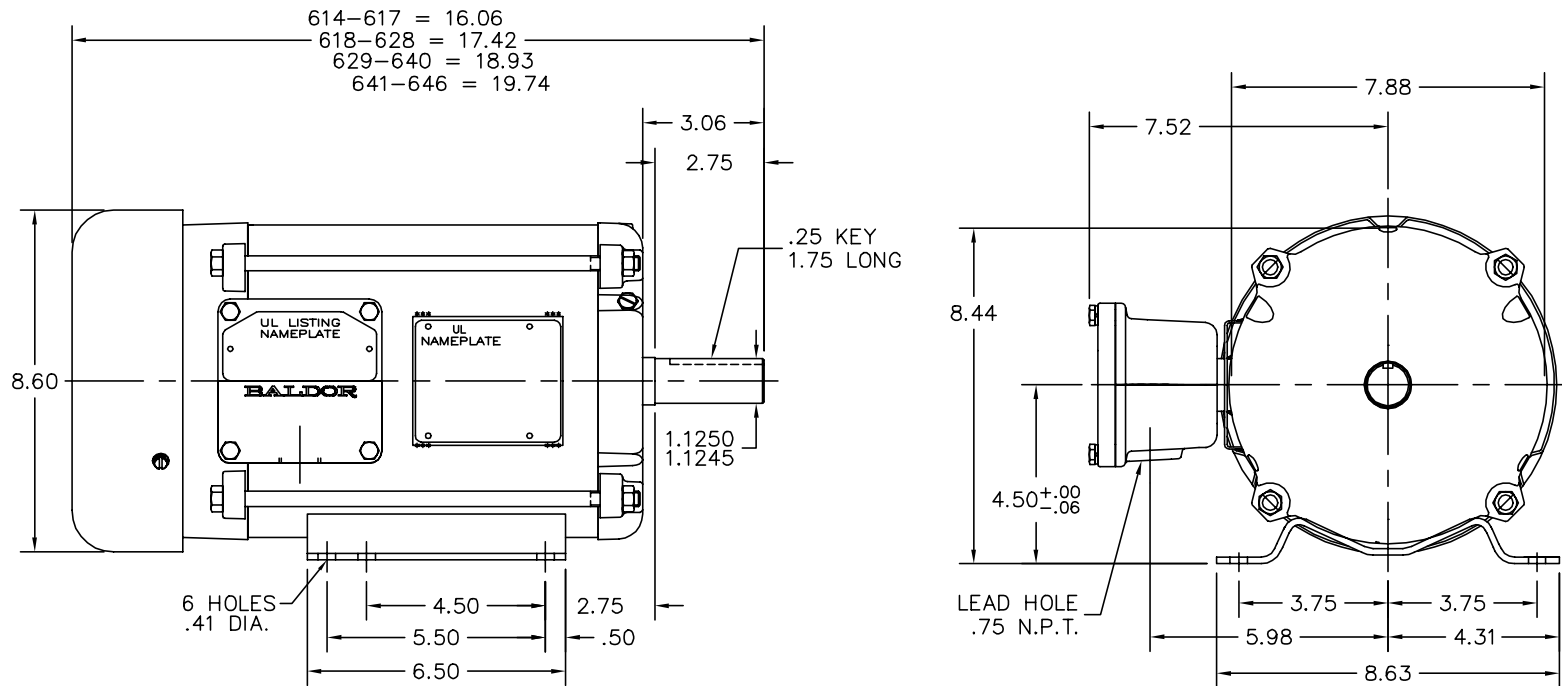
Load Characteristics 575 V, 60 Hz, 3 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	34	55	68	75	79	82
Efficiency	77.1	85.5	87.9	88.3	87.9	86.8
Speed	1791	1782	1772	1762	1750	1737
Line amperes	2.04	2.36	2.8	3.37	4	4.7

Performance Graph at 575V, 60Hz, 3.0HP Typical performance - Not guaranteed values



36LYR726



CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: NEW		
REV. LTR: -	VERSION: 00	TDR: 000001094184
FILE: \AAA\00246\518	REVISED: 02:22:14 12/18/2018	BY: ENMICW1
MTL: -		

BALDOR - RELIANCE®

HORZ 182-4T XPFC M CLI GP-D, CLII GP-F&G, INV W/EPACT STACKS

SH 1 of 1

36LYR726

CD0006



NOTES:

1. THREE LEAD MOTOR MAY BE EITHER WYE CONNECTED OR DELTA CONNECTED.
2. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
3. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
4. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY VARY.
5. LEAD COLORS ARE OPTIONAL. LEADS MUST BE NUMBERED AS SHOWN.

CD0006

REV. DESC: ADD CLASS CONN00000007		
REV. LTR: E	VERSION: 01	TDR: 000001099922
FILE: \AAA\00005\141	REVISED: 10:24:49 02/19/2019	BY: ENBRIRO
MTL: -		

BALDOR - RELIANCE®

3PH, SV, 3 LEADS, WYE OR DELTA CONNECTED

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