ABB BALDOR RELIANCE

Customer information packet

XT3026T

2HP, 1165RPM, 3PH, 60HZ, 184T, 0642M, TEFC, F1
Class - CLI GP A,B,C,D
Division - Division II

Copyright © All product information within this document is subject to ABB Motors and Mechanical Inc. copyright © protection, unless otherwise noted.
10/31/2026 10:56:48 PM

Specifications

Enclosure	TEFC
Frame	184T
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	CLI GP A,B,C,D
Haz Area Division	Division II
Motor Letter Type	Three Phase
Output @ Frequency	2.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ
	208.0 V @ 60 HZ
	230.0 V @ 60 HZ
Agency Approvals	UR
	CCSA US
	NEMA_PREMIUM
	NEMA PREMIUM
	CSA EEV
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	3
Current @ Voltage	3.200 A @ 460.0 V
	6.300 A @ 230.0 V
	6.600 A @ 208.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	88.5 %

Part Detail

Revision	B
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	06WGW970
Layout	06LYF436
Eff. date	06-28-2024
CD Diagram	CD0005
Poles	06
Leads	9#16
Proprietary	False
Created date	12-03-2020

Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Haz Area Temp Code	T3C
Heater Indicator	No Heater
High Voltage Full Load Amps	3.2 a
Insulation Class	F
Inverter Code	Inverter Duty
IP Rating	NONE
KVA Code	K
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	0642M
Mounting Arrangement	F1
Number of Poles	6
Overall Length	15.23 IN
Power Factor	68
Product Family	General Purpose
Pulley Face Code	Standard
Rodent Screen	None
Service Factor	1.15
Shaft Diameter	1.125 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Speed	1165 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None
Vibration Sensor Indicator	No Vibration Sensor
Winding Thermal 1	None
Winding Thermal 2	None

Nameplate

NP4163L									
CAT.NO.	XT3026T					**I.P.**	54		
SPEC.	06-0000-0810					**ENCL**	TEFC		
FRAME	184T		**H.P.**	2					
VOLTS	208-230/460		**P.F.**	68					
F.L. AMPS	6.6-6.3/3.2		**RATING**	40C AMB-CONT					
R.P.M.	1165								
HZ.	60	**PH.**	3	**CLASS**	F				
SER.F.	1.15	**DES.**	B	**SL HZ**	1.8				
NEMA NOM. EFF.	88.5	**WK2**	0.395						
DE	6206	**ODE**	6205						
MAG. CUR.	3.4-3.6/1.8								
INV TYPE	PWM	**CHP**	60	**TO**	90	**T. CODE**	T3C		
CT	3	**TO**	60	**VT**	3	**TO**	60		
CC	010A	**SN**							
	USABLE AT 50 HZ 1.5HP 190/380V 6/3A								

Parts List

Part number	Description	Quantity
SA388545	SA 06-0000-0810	1.000 ea
RA378910	RA 06-0000-0810	1.000 ea
LB1624	COMBINED WARNING LABEL, ISO/ANSI PICTOGR	1.000 ea
LC0005	CONN.DIA.,TY M,9-LD,DUAL VOLT,REVERSING	1.000 ea
LB1449	DIV-2/NEC WARNING LABEL	1.000 ea
NP4163L	SS CP INV DIV-2 UL CSA-C US EEV PREM, DI	1.000 ea
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 ea
MN416A01	TAG-INSTAL-MAINT no wire (2500 bx)11/25	1.000 ea
HW3201A05	3/8-16 EYEBOLT	1.000 ea
36FH4009A101	IEC FH NO GREASER, W/PRIMER	1.000 ea
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 ea
36FN3000C01SP	EXFN, PLASTIC, 5.25 OD, .912 ID	1.000 ea
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 ea
MJ1000A02	GREASE, POLYREX EM EXXON	0.050 lb
HA3101A34	THRUBOLT- 1/4-20 X 10.375	4.000 ea
XY2520A12	1/4-20 HEX NUT, DIRECTIONAL SERRATIONS	4.000 ea
36EP3104B47	FREP MACH W/O GRSR,RAISED FH PADS,SLING	1.000 ea
HW4600B32SP	V-RING SLINGER 1.000 X 1.540 X .24 VITON	1.000 ea
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 ea
HA4067A01	PUSH IN DRAIN FITTING (BLACK)	1.000 ea
36EP3100A04	PU ENDPLATE, MACH	1.000 ea
HW4600B36SP	V-RING SLINGER 1.188 X 1.380 X .24 VITON	1.000 ea
HA4067A01	PUSH IN DRAIN FITTING (BLACK)	1.000 ea
06CB3000	BALDOR CONDUIT BOX CAST	1.000 ea
06GS1000	GASKET,CONDUIT BOX	1.000 ea
51XW2520A12	SCREW, HEX SER SLT HD, ZN, 1/4-20 X .75	2.000 ea
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 ea
HW3001B02	BRASS CUP WASHER W/GROUND SYMBOL TAB,	1.000 ea
06CB3500	BALDOR CONDUIT BOX LID	1.000 ea
06GS1001	BALDOR CONDUIT BOX GASKET	1.000 ea
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	2.000 ea

MG1025L14	WILKOFAST, 776.14, GRUNDFOS BLACK	0.125 ga
36PA1001	PKG GRP, PRINT PK1017A07	1.000 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
FE-0000001	ZRTG FE ASSEMBLY	1.000 ea

AC Induction Motor Performance Data
Record # 51881
Typical performance - not guaranteed values

Winding: 06WGW970-R022	**Type:** 0642M	**Enclosure:** TEFC

Nameplate Data				**460 V, 60 Hz: High Voltage Connection**	
Rated Output (HP)			2	**Full Load Torque**	9.05 LB-FT
Volts			208-230/460	**Start Configuration**	direct on line
Full Load Amps			6.6-6.3/3.2	**Breakdown Torque**	31.2 LB-FT
R.P.M.			1165	**Pull-up Torque**	16.7 LB-FT
Hz	60	**Phase**	3	**Locked-rotor Torque**	19.9 LB-FT
NEMA Design Code	B	**KVA Code**	K	**Starting Current**	20.9 A
Service Factor (S.F.)			1.15	**No-load Current**	1.84 A
NEMA Nom. Eff.	88.5	**Power Factor**	68	**Line-line Res. @ 25ºC**	5.12 Ω
Rating - Duty			40C AMB-CONT	**Temp. Rise @ Rated Load**	27°C
S.F. Amps				**Temp. Rise @ S.F. Load**	32°C
				Locked-rotor Power Factor	28.5
				Rotor inertia	0.395 LB-FT2

Load Characteristics 460 V, 60 Hz, 2 HP

% of Rated Load	**25**	**50**	**75**	**100**	**125**	**150**	**S.F.**
Power Factor	31	48	60	68	73	75	71
Efficiency	79.2	86.4	88.1	88.7	87.4	86.3	87.9
Speed	1193	1186	1178	1170	1161	1150	1165
Line amperes	1.97	2.26	2.67	3.14	3.68	4.33	3.46

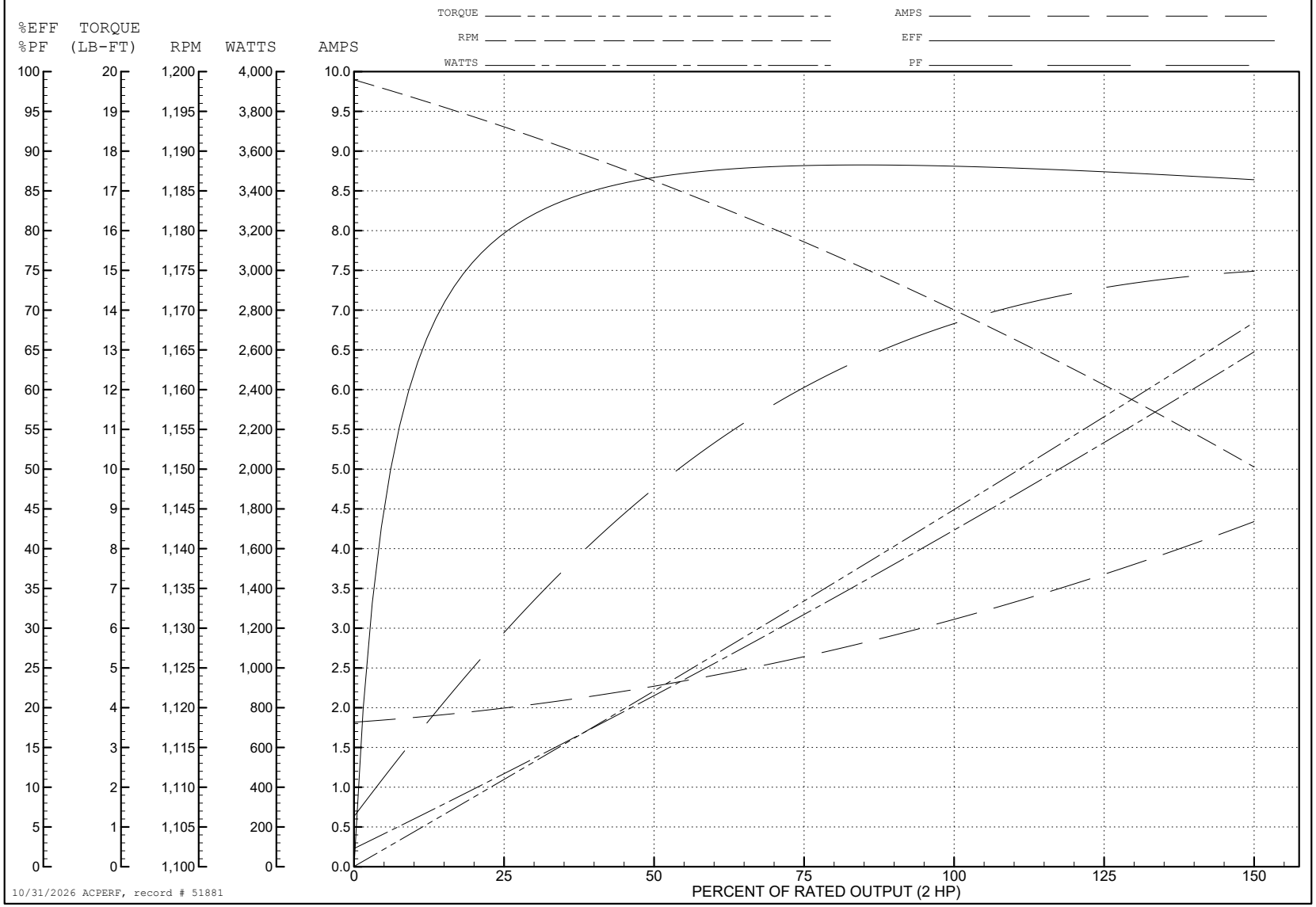
ABB Motors and Mechanical Inc.

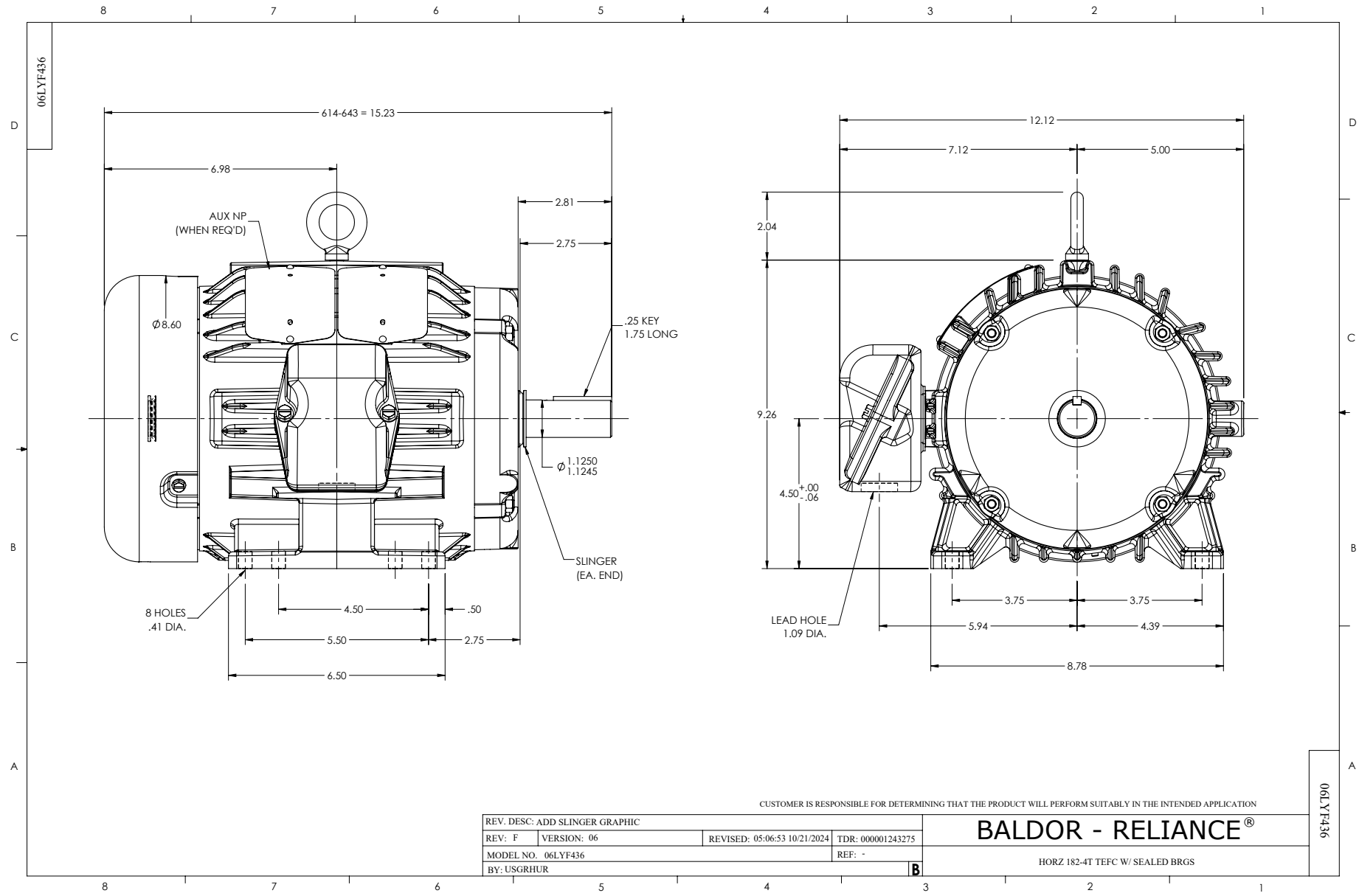
WINDING # 06WGW970

Typical performance - not guaranteed values.

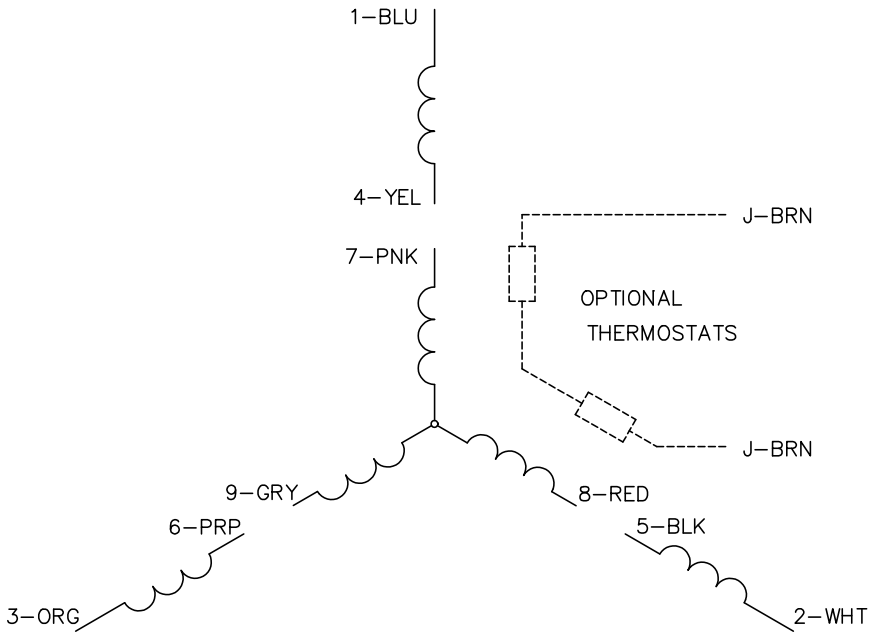
2 HP 3 PH 60 HZ 1165 RPM 460 V 0642M

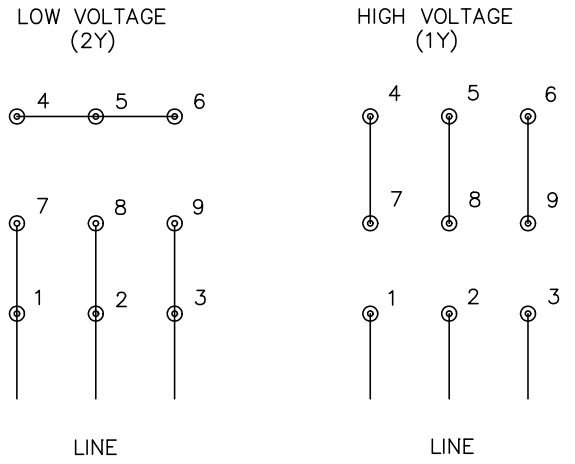
TORQUES(LB-FT): PO=31.2 PU=16.7 LR=19.9 LRA=20.9




06LYF436
614-643 = 15.23
6.98
AUX NP
(WHEN REQ'D)
2.81
2.75
Ø8.60
.25 KEY
1.75 LONG
Ø1.1250
1.1245
SLINGER
(EA. END)
8 HOLES
.41 DIA.
4.50
.50
5.50
2.75
6.50
12.12
7.12
5.00
2.04
9.26
4.50 +.00 -.06
LEAD HOLE
1.09 DIA.
3.75
3.75
5.94
4.39
8.78
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT THE PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION
REV. DESC: ADD SLINGER GRAPHIC
REV: F
VERSION: 06
REVISED: 05:06:53 10/21/2024
TDR: 000001243275
MODEL NO. 06LYF436
REF: -
BY: USGRHUR
B
BALDOR - RELIANCE®
HORZ 182-4T TEFC W/ SEALED BRGS
06LYF436

CD0005





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			BALDOR ELECTRIC Co.
REV. LTR: E	BY: JLP	REVISED: 01/19/99 10:15	TDR: 0171435
CD0005		FILE: AAA00005140	MDL: –
		MTL: –	3PH, DV, 9 LEADS