ABB BALDOR RELIANCE

Customer information packet

ECTM3611T-G-AO

3HP, 1760RPM, 3PH, 60HZ, 184T, 3632M, TEAO, F1
Class - None
Division - Not Applicable

Copyright © All product information within this document is subject to ABB Motors and Mechanical Inc. copyright © protection, unless otherwise noted.
11/5/2026 11:48:26 AM

Specifications

Enclosure	TEAO
Frame	184T
Frame Material	Steel
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	3.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ
	208.0 V @ 60 HZ
	460.0 V @ 60 HZ
Agency Approvals	NEMA PREMIUM
	NEMA_PREMIUM
	UR
	CSA EEV
Ambient Temperature	45 °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	9.000 A @ 208.0 V
	8.400 A @ 230.0 V
	4.200 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	89.5 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK

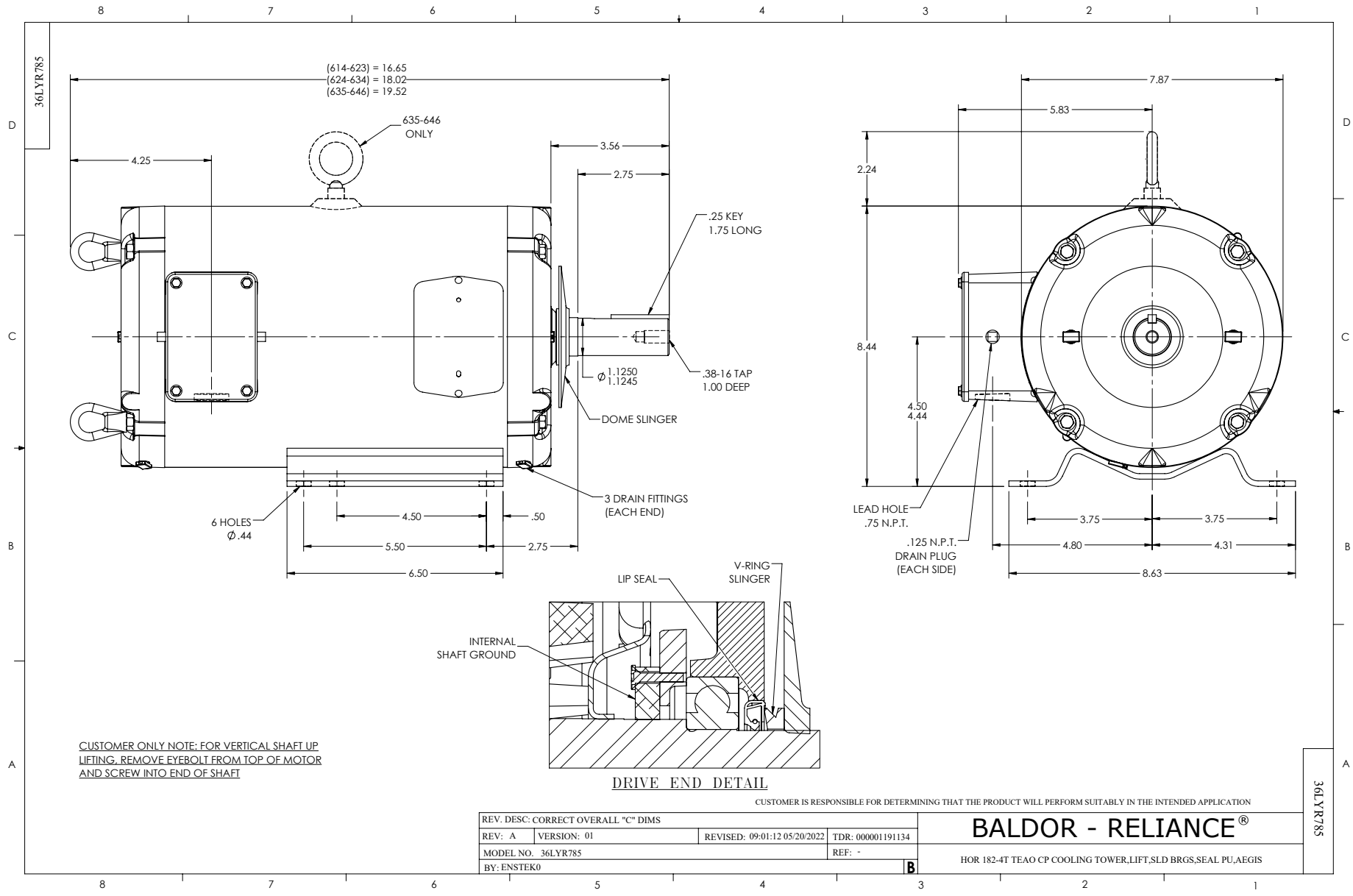
Part Detail

Revision	D
Type	AC
Mech. spec.	36R785
Base	
Status	PRD/A
Elec. spec.	36WGS266
Layout	36LYR785
Eff. date	09-16-2026
CD Diagram	CD0005
Poles	04
Leads	9#16
Proprietary	False
Created date	03-31-2022

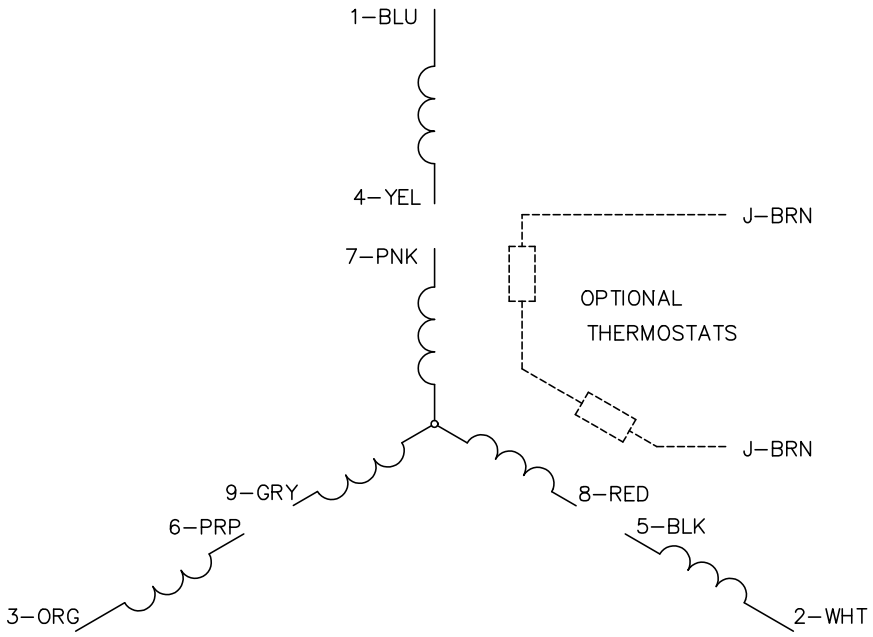
Front Shaft Indicator	None
Heater Indicator	Heater Included, 120 V
High Voltage Full Load Amps	4.2 a
Insulation Class	F
Inverter Code	Not Inverter
KVA Code	K
Lifting Lugs	Vertical Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Quantity/Wire Size	9 @ 16 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3632M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	16.52 IN
Power Factor	75
Product Family	Chemical Process Features
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Pulley Shaft Indicator	Standard
Rodent Screen	None
Service Factor	1.15
Shaft Diameter	1.125 IN
Shaft Ground Indicator	Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	1760 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

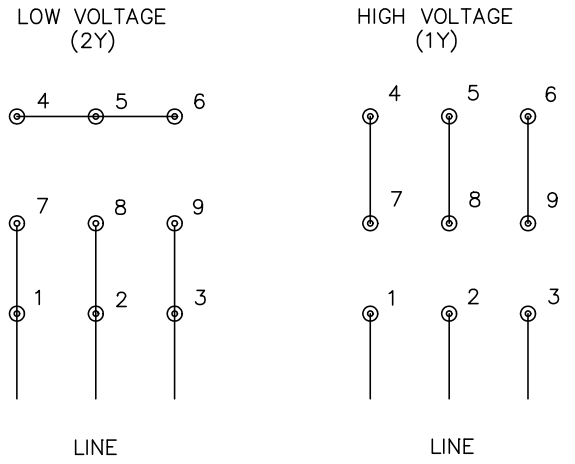
Nameplate

NP2178									
CAT.NO.	ECTM3611T-G-AO								
SPEC.	36R785S266G1								
HP	3								
VOLTS	208-230/460								
AMP	9-8.4/4.2								
RPM	1760								
FRAME	184T	**HZ**	60			**PH**	3		
SER.F.	1.15	**CODE**	K	**DES**	B	**CL**	F		
NEMA-NOM-EFF	89.5	**PF**	75						
RATING	45C AMB-CONT								
CC									
DE	6206	**ODE**	6205						
ENCL	TEAO	**SN**							
	INV DUT 20:1 VT								


36LYR785
(614-623) = 16.65
(624-634) = 18.02
(635-646) = 19.52
635-646 ONLY
4.25
3.56
2.75
.25 KEY
1.75 LONG
Ø 1.1250 1.1245
.38-16 TAP
1.00 DEEP
DOME SLINGER
3 DRAIN FITTINGS (EACH END)
6 HOLES Ø.44
4.50
.50
5.50
2.75
6.50
7.87
5.83
2.24
8.44
4.50
4.44
LEAD HOLE .75 N.P.T.
.125 N.P.T. DRAIN PLUG (EACH SIDE)
3.75
3.75
4.80
4.31
8.63
LIP SEAL
V-RING SLINGER
INTERNAL SHAFT GROUND
CUSTOMER ONLY NOTE: FOR VERTICAL SHAFT UP LIFTING, REMOVE EYEBOLT FROM TOP OF MOTOR AND SCREW INTO END OF SHAFT
DRIVE END DETAIL
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT THE PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION
REV. DESC: CORRECT OVERALL "C" DIMS
REV: A
VERSION: 01
REVISED: 09:01:12 05/20/2022
TDR: 000001191134
MODEL NO. 36LYR785
REF: -
BY: ENSTEK0
B
BALDOR - RELIANCE®
HOR 182-4T TEAO CP COOLING TOWER,LIFT,SLD BRGS,SEAL PU,AEGIS
36LYR785

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