

ABB BALDOR RELIANCE III

Customer information packet

EM3611T-57

3HP, 1460RPM, 3PH, 50HZ, 182T, 3632M, TEFC, F1

Class - None

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	182T
Frame Material	Steel
Frequency	50.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	3.000 HP @ 50 HZ
Phase	3
Synchronous Speed @ Frequency	1500 RPM @ 50 HZ
Voltage @ Frequency	230.0 V @ 50 HZ 400.0 V @ 50 HZ
Agency Approvals	CE CURUS IE3 UKCA WEEE C UR US
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	9.700 A @ 230.0 V 5.600 A @ 400.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	86.7 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK

Part Detail

Revision	J
Type	AC
Mech. spec.	36A001
Base	
Status	PRD/A
Elec. spec.	36WGR919
Layout	36LYA001
Eff. date	05-20-2025
CD Diagram	CD0022
Poles	04
Leads	6#16
Proprietary	False
Created date	12-22-2015

Front Face Code	Standard
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	5.6 a
Insulation Class	F
Inverter Code	Not Inverter
IP Rating	NONE
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	3632M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	16.54 IN
Power Factor	72
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Pulley Shaft Indicator	Standard
Rodent Screen	None
RoHS Status	ROHS COMPLIANT
Service Factor	1.15
Shaft Diameter	1.125 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1460 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

NP2716L									
CAT NO	EM3611T-57								
SPEC.	36A001R919G1								
HP	3/2.2KW						PH	3	
VOLTS	230/400								
AMP	9.7/5.6								
R.P.M. (1/MIN)	1460								
FRAME	182T	HZ	50	I.P.	44				
SER.F.	1.15	CODE	K	DES	B	CL	F		
NOM.EFF.	86.7	% (100%)							
PF	72								
RATING	40C AMB-S1 CONT				CC				
DE BRG	6206	ODE	6205						
ENCL	TEFC	SN							
BLANK	IE3-85.7(75%)82.6(50%)								
	IC411 32KG								

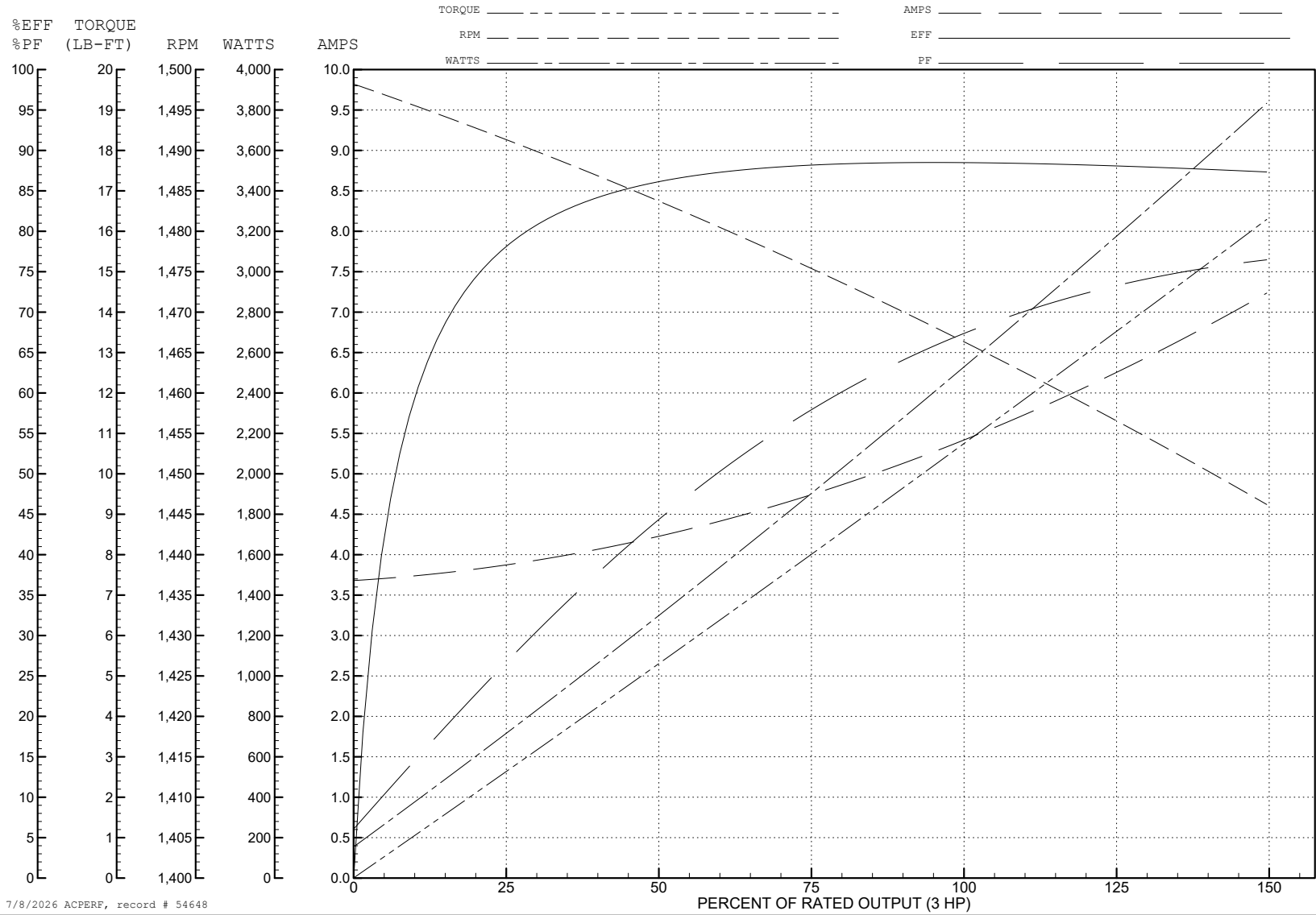
ABB Motors and Mechanical Inc.

WINDING # 36WGR919

3 HP 3 PH 50 HZ 1460 RPM 400 V 3632M

Typical performance - not guaranteed values.

TORQUES (LB-FT): PO=49.5 PU=22.7 LR=32.3 LRA=42.3



7/8/2026 ACPERF, record # 54648

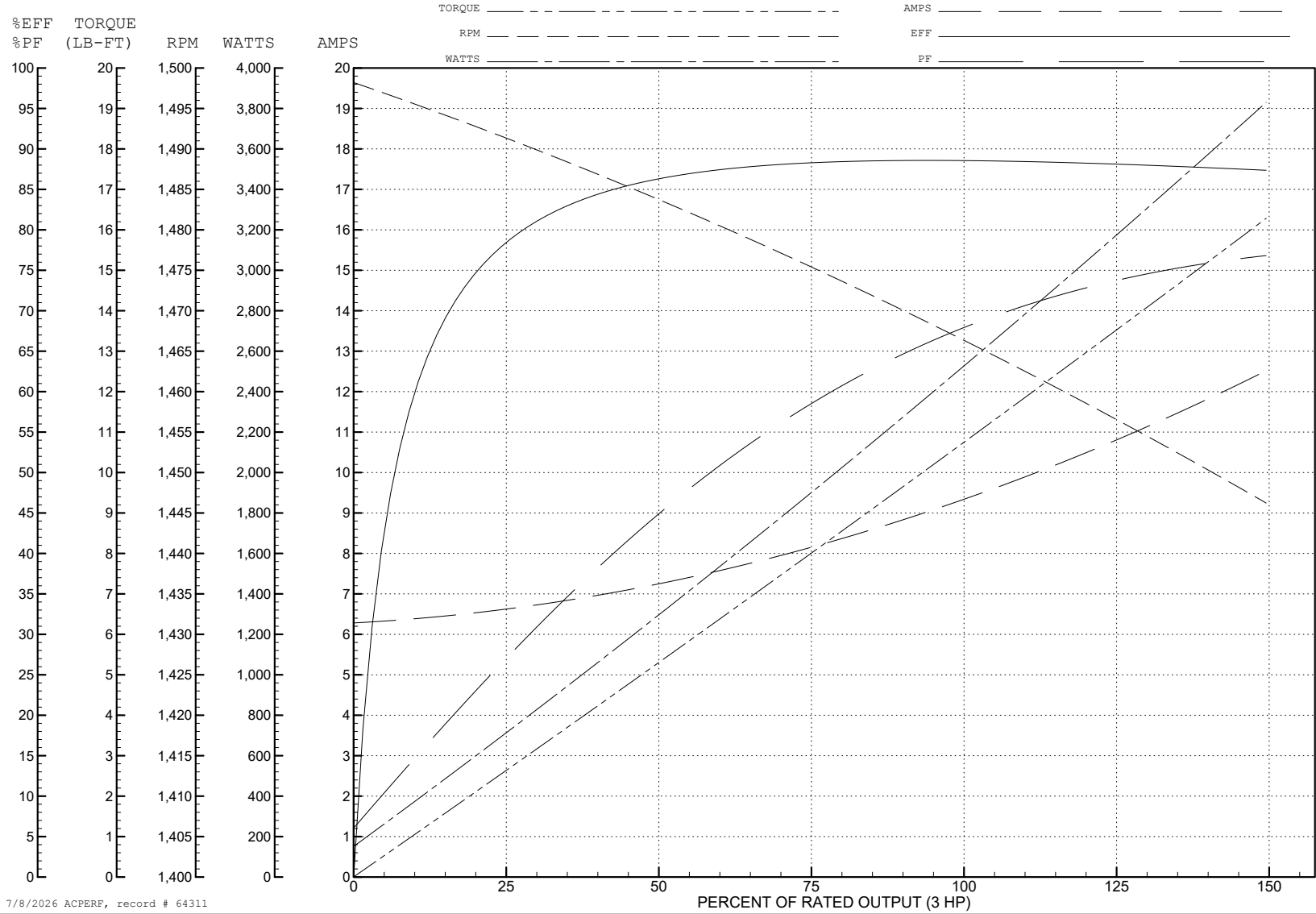
ABB Motors and Mechanical Inc.

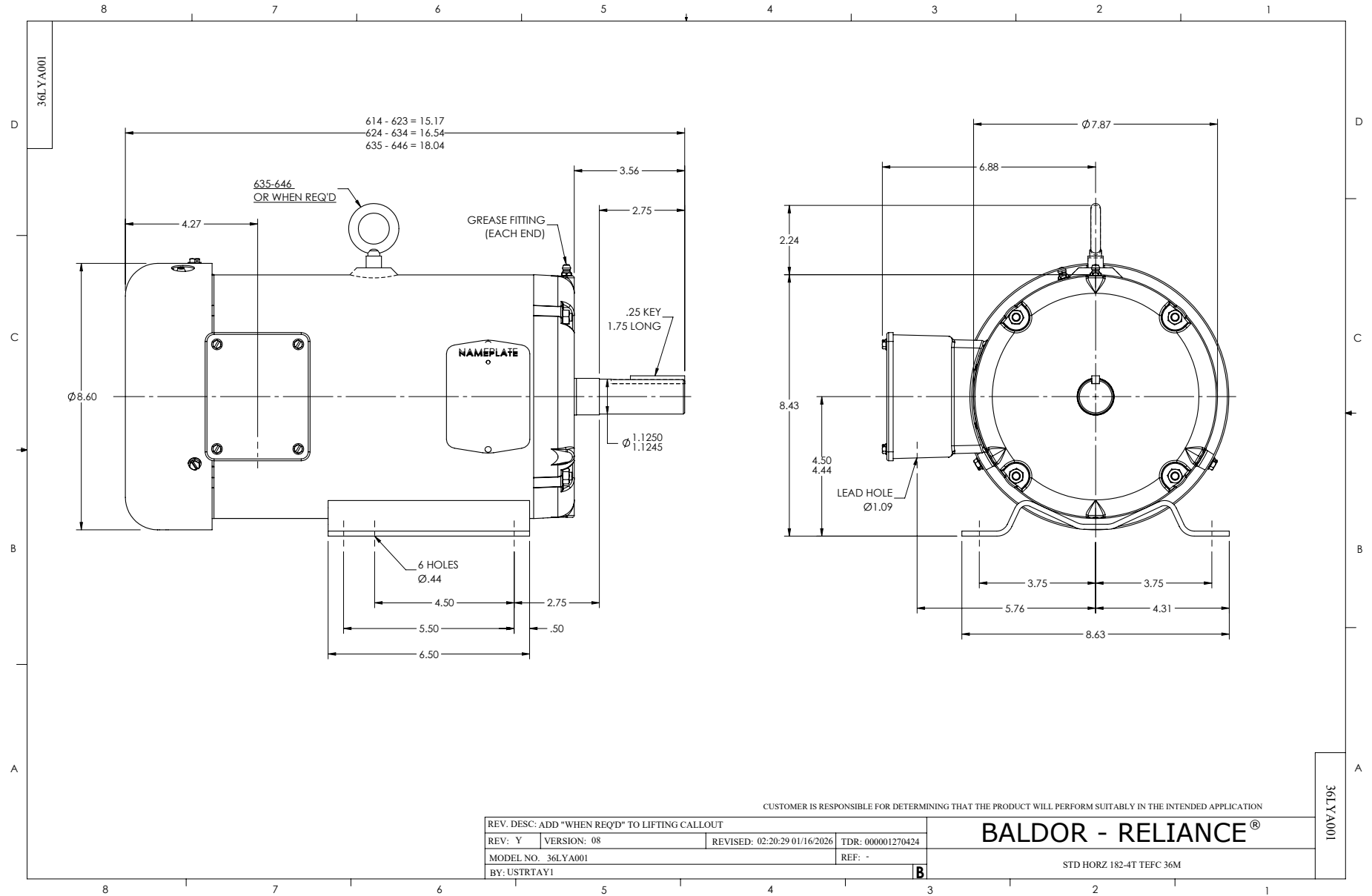
WINDING # 36WGR919

Typical performance - not guaranteed values.

3 HP 3 PH 50 HZ 1460 RPM 230 V 3632M

TORQUES (LB-FT): PO=49.04 PU=22.45 LR=31.94 LRA=72.83





CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT THE PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION

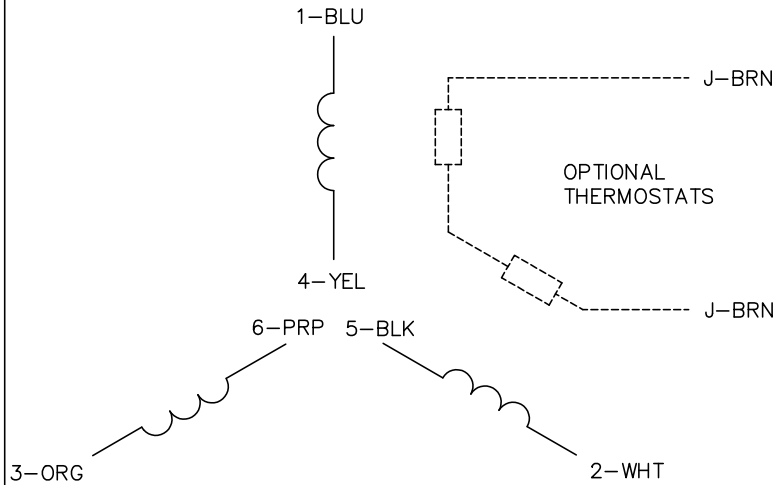
REV. DESC: ADD "WHEN REQ'D" TO LIFTING CALLOUT			
REV: Y	VERSION: 08	REVISED: 02:20:29 01/16/2026	TDR: 000001270424
MODEL NO. 36LYA001		REF: -	
BY: USTRYAY1			

BALDOR - RELIANCE®

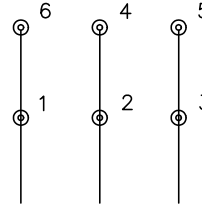
STD HORZ 182-4T TEFC 36M

36LYA001

CD0022

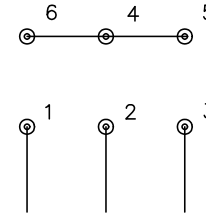


LOW VOLTAGE
(1D)



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.

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			
REV. LTR: F	BY: JLP	REVISED: 01/21/99 3:54	TDR: 0171435
CD0022		FILE: AAA00005144	MDL: -
		MTL: -	

BALDOR ELECTRIC Co.

3PH, DV, 6 LEADS, DELTA/WYE CONNECTION

CD0022