ABB BALDOR RELIANCE

Customer information packet

17E145W297

.33HP, 1075RPM, 1PH, 60HZ, 48YZ, 1716C, OPAO, F

Copyright © All product information within this document is subject to ABB Motors and Mechanical Inc. copyright © protection, unless otherwise noted.
11/19/2026 10:56:50 PM

Specifications

Enclosure	OPAO
Frame	48YZ
Frame Material	Steel
Frequency	60.00 Hz
Output @ Frequency	.330 HP @ 60 HZ
Phase	1
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ
Voltage @ Frequency	208.0 V @ 60 HZ
	230.0 V @ 60 HZ
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Auxiliary Box Lead Termination	None
Base Indicator	Torsion Flex
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	2.100 A @ 208.0 V
Drip Cover	No Drip Cover
Duty Rating	CONT
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Standard
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	2.1 a
Insulation Class	B
Inverter Code	Not Inverter
KVA Code	B
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Exit	Lead Hole
Motor Lead Quantity/Wire Size	8 @ 18 AWG
Motor Lead Termination	Flying Leads

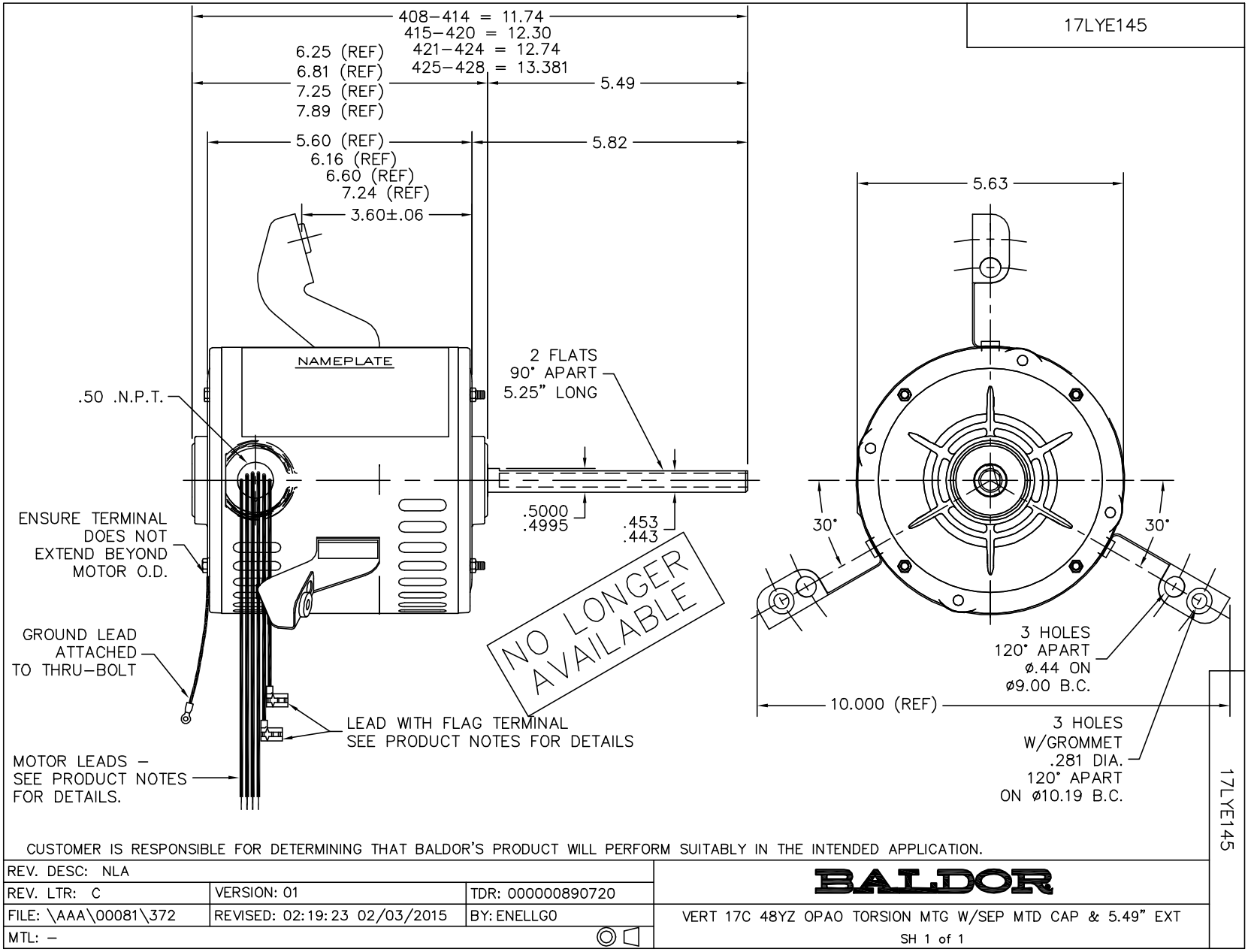
Part Detail

Revision	N
Type	AC
Mech. spec.	17E145
Base	
Status	NLA/A
Elec. spec.	17WGW297
Layout	17LYE145
Eff. date	03-27-2012
CD Diagram	CD1473A03
Poles	06
Leads	8#18
Proprietary	False
Created date	01-01-0001

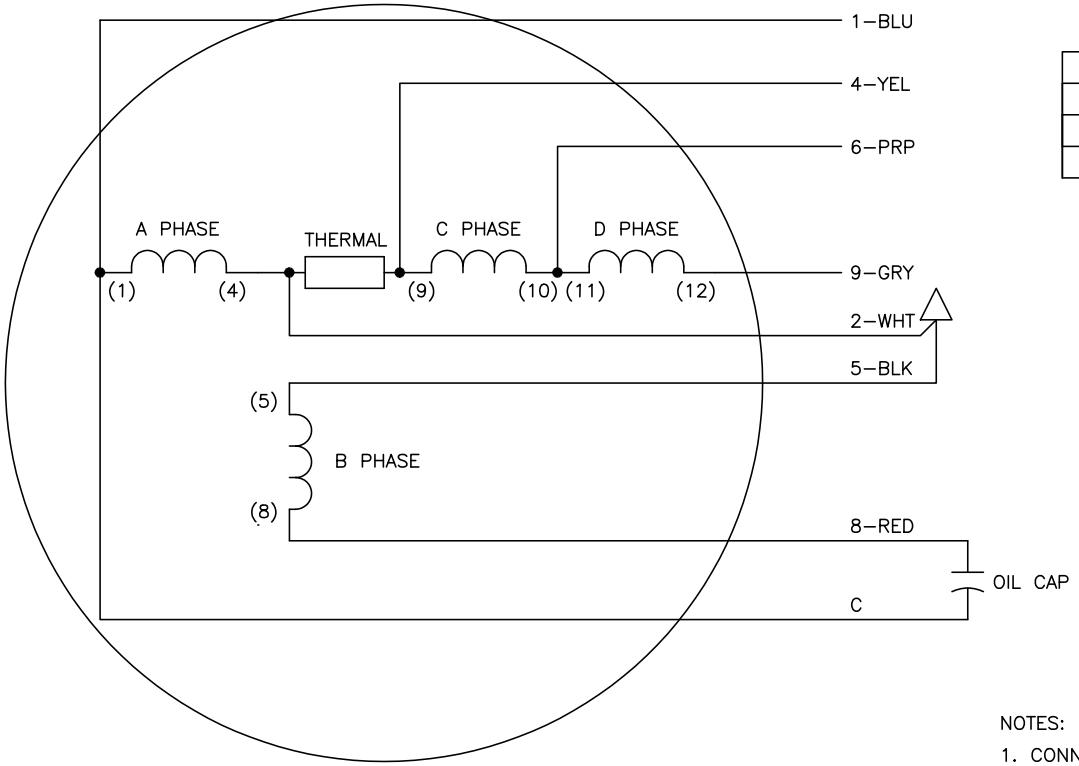
Motor Standards	NEMA
Motor Type	1716C
Mounting Arrangement	F1
Number of Poles	6
Overall Length	12.30 IN
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Pulley Shaft Indicator	Multiple Flats
Rodent Screen	None
Service Factor	1.00
Shaft Diameter	0.000 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible: Connected Standard
Shaft Slinger Indicator	No Slinger
Speed	1075 rpm
Speed Code	3 Speed Tapped Winding
Starting Method	Direct on line
Thermal Device - Bearing	None
Vibration Sensor Indicator	No Vibration Sensor
Winding Thermal 1 Location	WG

Nameplate

NP1203A13							
CAT.NO.					**ENCL**	OPAO	
SPEC.	17E145W297				**FRAME**	48YZ	
HP	.33						
VOLTS	208-230						
AMPS	2.1						
RPM	1075						
HZ	60	**PH**	1	**CL**	B		
SER.F.	1.00	**DES**	-	**CODE**	B		
FL EFF		**PF**					
RATING	40C AMB-CONT						
SF AMP					**USABLE AT 208V**	N/A	
SER.							
MANUAL	**AUTO**		**NONE**				
	6MFD/370VAC						


17LYE145
408–414 = 11.74
415–420 = 12.30
421–424 = 12.74
425–428 = 13.381
6.25 (REF)
6.81 (REF)
7.25 (REF)
7.89 (REF)
5.49
5.60 (REF)
6.16 (REF)
6.60 (REF)
7.24 (REF)
5.82
3.60±.06
NAMEPLATE
.50 .N.P.T.
2 FLATS
90° APART
5.25" LONG
.5000
.4995
.453
.443
ENSURE TERMINAL DOES NOT EXTEND BEYOND MOTOR O.D.
GROUND LEAD ATTACHED TO THRU–BOLT
NO LONGER AVAILABLE
LEAD WITH FLAG TERMINAL SEE PRODUCT NOTES FOR DETAILS
MOTOR LEADS – SEE PRODUCT NOTES FOR DETAILS.
5.63
30°
30°
3 HOLES 120° APART ø.44 ON ø9.00 B.C.
10.000 (REF)
3 HOLES W/GROMMET .281 DIA. 120° APART ON ø10.19 B.C.
17LYE145
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.
REV. DESC: NLA
REV. LTR: C
VERSION: 01
TDR: 000000890720
FILE: \AAA\00081\372
REVISED: 02:19:23 02/03/2015
BY: ENELLGO
MTL: –
BALDOR
VERT 17C 48YZ OPAO TORSION MTG W/SEP MTD CAP & 5.49" EXT
SH 1 of 1

CD1473A03



	LINE A	LINE B	JOIN	OPEN	OPEN
HIGH STD	1	4	2,5	6	9
MED STD	1	6	2,5	4	9
LOW STD	1	9	2,5	4	6

NOTES:

1. CONNECTIONS ARE SHOWN FOR CCW ROTATION FACING END OPPOSITE SHAFT EXTENSION (STD). INTERCHANGE 5 AND 8 TO REVERSE ROTATION.
2. MULTIPLE CAPACITORS ARE CONNECTED IN PARALLEL UNLESS OTHERWISE SPECIFIED.
3. OIL CAP MAY BE SEPERATE MOUNTED

CD1473A03

REV. DESC: ADDED NOTE THAT OIL CAP MAY BE SEPERATE MOUNTED			BALDOR ELECTRIC Co.
REV. LTR: A	BY: BF	REVISED: 01/23/01 4:44	TDR: 0229925
CD1473A03		FILE: AAA00081463	REF: –
		MTL: –	TYPE C, SV, REV, 8LD, 3S–4W, TAPPED WINDING