Customer information packet

GNEM4100T-G

15HP//11KW, 1180//980RPM, 3PH, 60//50HZ, 284
Class - None
Division - Not Applicable

7/8/2026 11:58:58 PM

Specifications

Enclosure	TEFC
Frame	284T
Frame Material	Iron
Frequency	50.00 Hz
	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	15.000 HP @ 60 HZ
	11.000 KW @ 50 HZ
Phase	3
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ
Voltage @ Frequency	190.0 V @ 50 HZ
	208.0 V @ 60 HZ
	230.0 V @ 60 HZ
	380.0 V @ 50 HZ
	460.0 V @ 60 HZ
Agency Approvals	CE
	WEEE
	UKCA
	CURUSEEV
	IE3
	NEMA PREMIUM
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	46.000 A @ 190.0 V
	42.000 A @ 208.0 V
	40.000 A @ 230.0 V

Part Detail

Revision	F
Type	AC
Mech. spec.	10H279
Base	
Status	PRD/A
Elec. spec.	10WGZ893
Layout	10LYH279
Eff. date	01-21-2026
CD Diagram	CD0180
Poles	06
Leads	9#10
Proprietary	False
Created date	11-29-2023

	23.000 A @ 380.0 V
	20.000 A @ 460.0 V
Design Code	A
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	91.7 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	20.0 a
Insulation Class	H
Inverter Code	Inverter Duty
KVA Code	J
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Quantity/Wire Size	9 @ 10 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	1064M
Mounting Arrangement	F1
Number of Poles	6
Overall Length	27.76 IN
Power Factor	77
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	1.875 IN
Shaft Ground Indicator	Shaft Grounding
Shaft Rotation	Reversible

Shaft Slinger Indicator	Shaft Slinger
Speed	1180 rpm
	980 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

NP4304L									
CAT.NO.	GNEM4100T-G								
SPEC.	10H279Z893G1								
HP	15HP//11KW				**PH**	3			
VOLTS	208-230/460//190/380								
AMPS	44-42/21//48/24								
R.P.M. (1/MIN)	1180//980				**WT.**	451	**KG**		
FRAME	284T	**HZ**	60//50		**I.P.**	54			
SER.F.	1.15	**CODE**	K	**DES.**	A	**CLASS**	H		
NOM.EFF.	91.7//90.3	**% (100%)**							
P.F.	72		IC411, 10:1 VT						
RATING	40C AMB-CONT			**CC**	010A				
DE	6311	**ODE**	6309						
ENCL	TEFC	**SN**							
	IE3-50HZ 92.8(75%),92.2(50%)								
	IE3-60HZ 92.9(75%),91.6(50%)								
	SFA 49-48/24//52/26								

ABB Motors and Mechanical Inc.

WINDING # 10WGZ893

15 HP 3 PH 60 HZ 1188.4 RPM 460 V 1064M

Typical performance - not guaranteed values.

TORQUES(LB-FT): PO=233 PU=93 LR=133 LRA=154

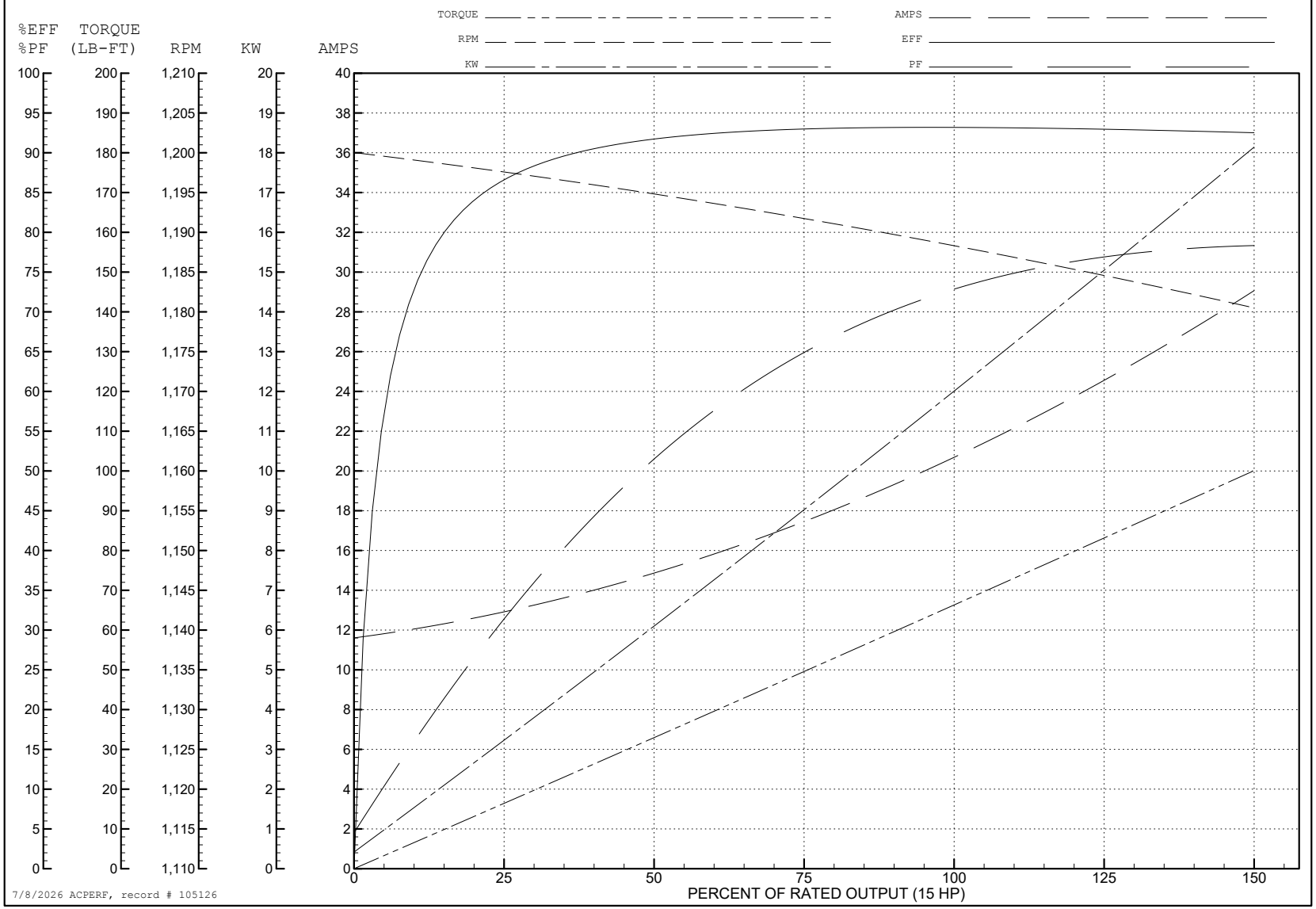


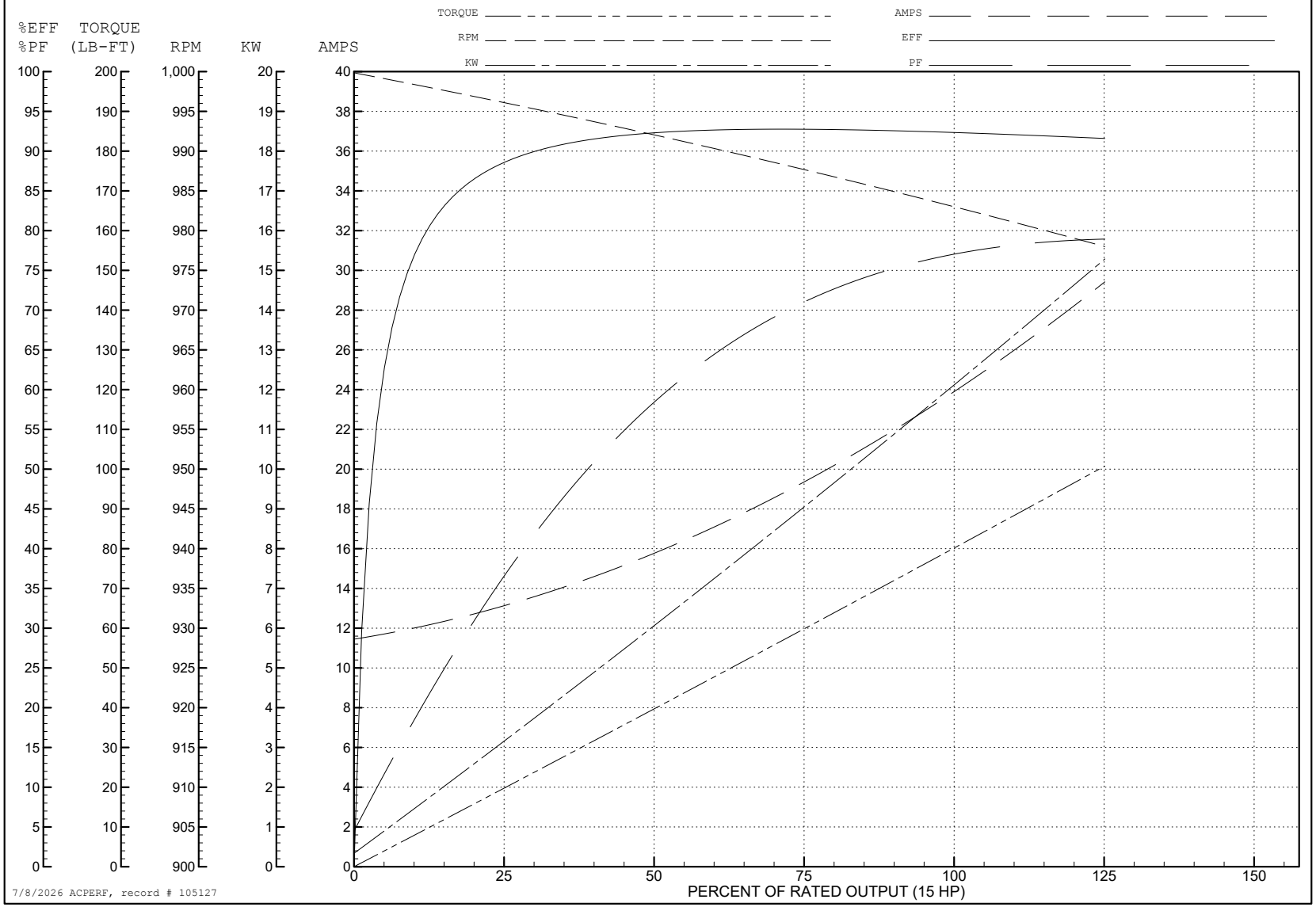
ABB Motors and Mechanical Inc.

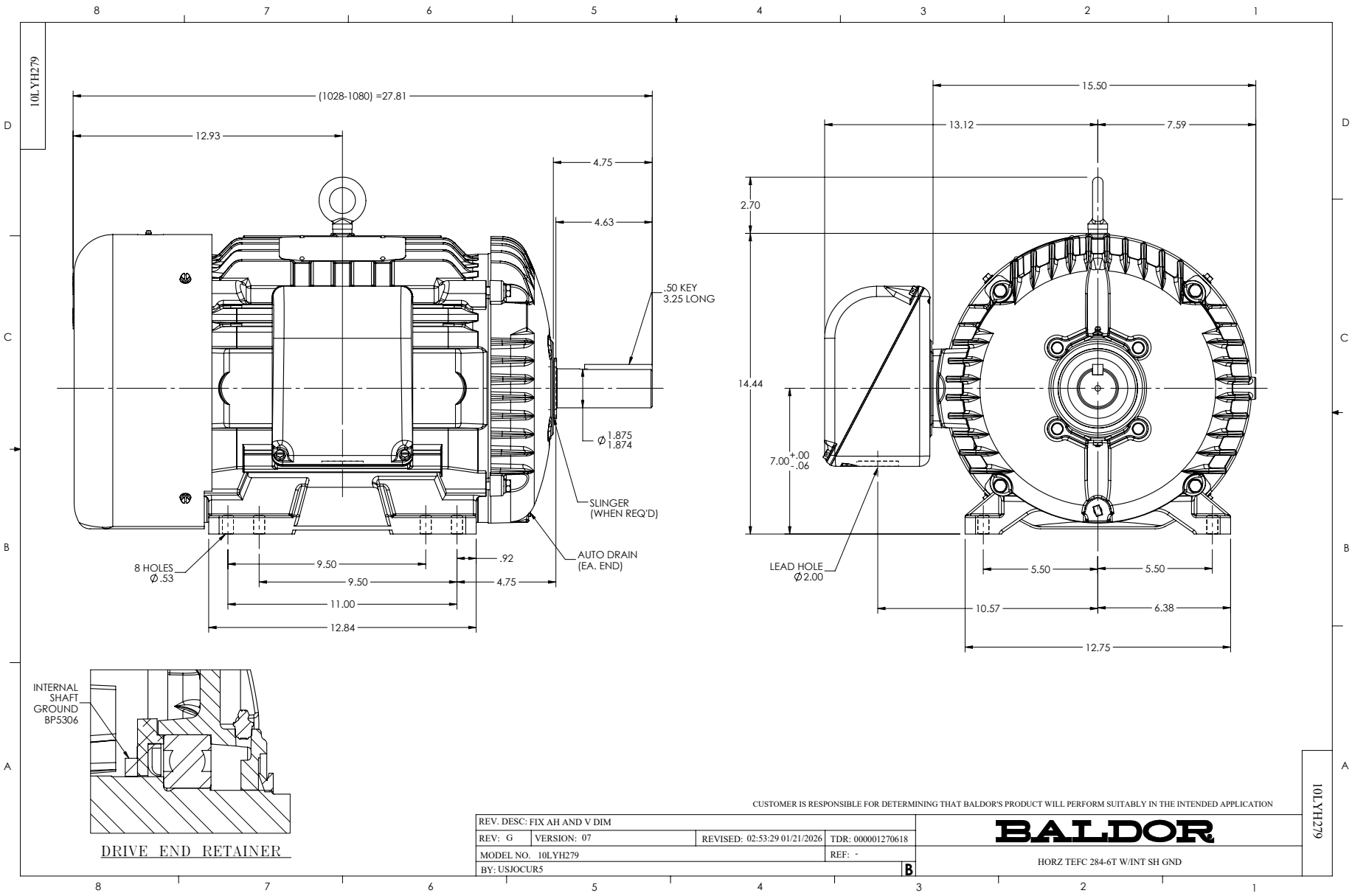
WINDING # 10WGZ893

15 HP 3 PH 50 HZ 983 RPM 380 V 1064M

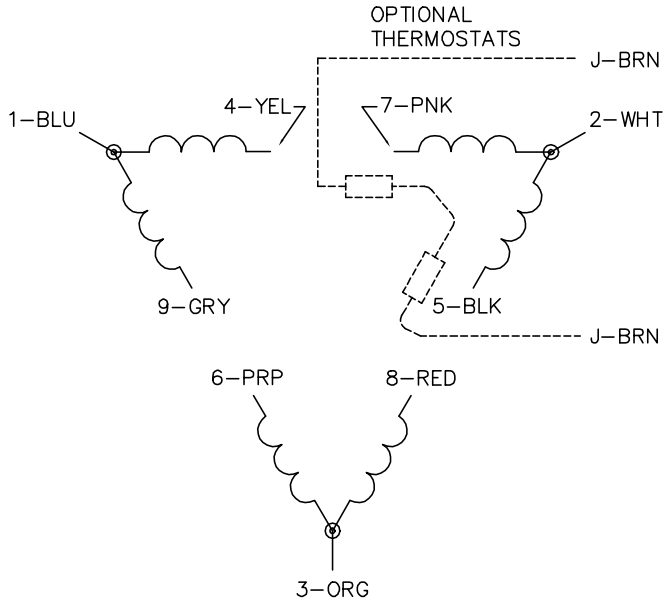
Typical performance - not guaranteed values.

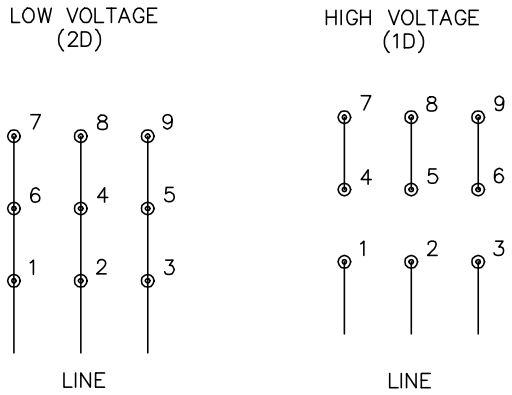
TORQUES(LB-FT): PO=232 PU=125 LR=141 LRA=154




10LYH279
(1028-1080) =27.81
12.93
4.75
4.63
.50 KEY
3.25 LONG
Ø 1.875
1.874
SLINGER
(WHEN REQ'D)
AUTO DRAIN
(EA. END)
8 HOLES
Ø .53
9.50
.92
9.50
4.75
11.00
12.84
15.50
13.12
7.59
2.70
14.44
7.00 +.00 -.06
LEAD HOLE
Ø 2.00
5.50
5.50
10.57
6.38
12.75
INTERNAL
SHAFT
GROUND
BP5306
DRIVE END RETAINER
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION
REV. DESC: FIX AH AND V DIM
REV: G
VERSION: 07
REVISED: 02:53:29 01/21/2026
TDR: 000001270618
MODEL NO. 10LYH279
REF: -
BY: USJOCUR5
B
BALDOR
HORZ TEFC 284-6T W/INT SH GND
10LYH279

CD0180





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.

CD0180

REV. DESC: ADD CLASS CONN00000007		
REV. LTR: D	VERSION: 01	TDR: 000001099922
FILE: \AAA\00005\148	REVISED: 10:25:29 02/19/2019	BY: ENBRIR0
MTL: –		

BALDOR - RELIANCE®

3PH, DV, 9 LEADS, DELTA CONNECTION

SH 1 of 1