

ABB BALDOR RELIANCE III

Customer information packet

EWDM2395T

15HP, 880RPM, 3PH, 60HZ, 286T, TEFC, F1

Class - None

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	286T
Frame Material	Iron
Frequency	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
Phase	3
Synchronous Speed @ Frequency	900 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ 460.0 V @ 60 HZ
Agency Approvals	CSA EEV NEMA PREMIUM UR
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 @ 230.0 V 23.000 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
Enclosure Modification	Severe Duty Features
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	23.0 a

Part Detail

Revision	L
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	10WGZ376
Layout	10LYN057
Eff. date	07-13-2026
CD Diagram	CD0005
Poles	08
Leads	9#12
Proprietary	False
Created date	08-19-2019

Insulation Class	F
Inverter Code	Inverter Duty
IP Rating	IP55
KVA Code	G
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Max Speed	1350 rpm
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	1060M
Mounting Arrangement	F1
Number of Poles	8
Overall Length	27.56 IN
Power Factor	68
Product Family	Washdown Features
Pulley Face Code	Standard
Rodent Screen	None
Service Factor	1.00
Shaft Diameter	1.875 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Speed	880 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

NP1669L											
CAT.NO.	EWDM2395T										
SPEC.	10-0000-1007										
HP	15										
VOLTS	230/460 10:1 CT/VT										
AMP	46/23										
RPM	880										
FRAME	286T		HZ	60				PH	3		
SER.F.	1.00	CODE	G	DES	B	CLASS		F			
NEMA-NOM-EFF	89.5	PF	68								
RATING	40C AMB-CONT										
CC	010A										
DE	6311		ODE	6309							
ENCL	TEFC	SN									
BLANK	1.15SF ON SINEWAVE										

AC Induction Motor Performance Data

Record # 73239

Typical performance - not guaranteed values

Winding: 10WGZ376-R002			Type: 1060M		Enclosure: TEFC	
Nameplate Data				460 V, 60 Hz: High Voltage Connection		
Rated Output (HP)		15	Full Load Torque		88.8 LB-FT	
Volts		230/460	Start Configuration		direct on line	
Full Load Amps		46/23	Breakdown Torque		207 LB-FT	
R.P.M.		880	Pull-up Torque		91 LB-FT	
Hz	60	Phase	3	Locked-rotor Torque		114 LB-FT
NEMA Design Code		B	KVA Code	G	Starting Current	
Service Factor (S.F.)		1	No-load Current		13.8 A	
NEMA Nom. Eff.		89.5	Power Factor	68	Line-line Res. @ 25°C	
Rating - Duty		40C	AMB-CONT		Temp. Rise @ Rated Load	
					Locked-rotor Power Factor	
					Rotor inertia	
					7.36 LB-FT2	

Load Characteristics 460 V, 60 Hz, 15 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	29	48	60	67	70	72
Efficiency	82.1	88.2	89.7	89.6	88.8	87
Speed	896	893	889	884	879	872
Line amperes	14.5	16.5	19.5	23.4	28.1	33.6

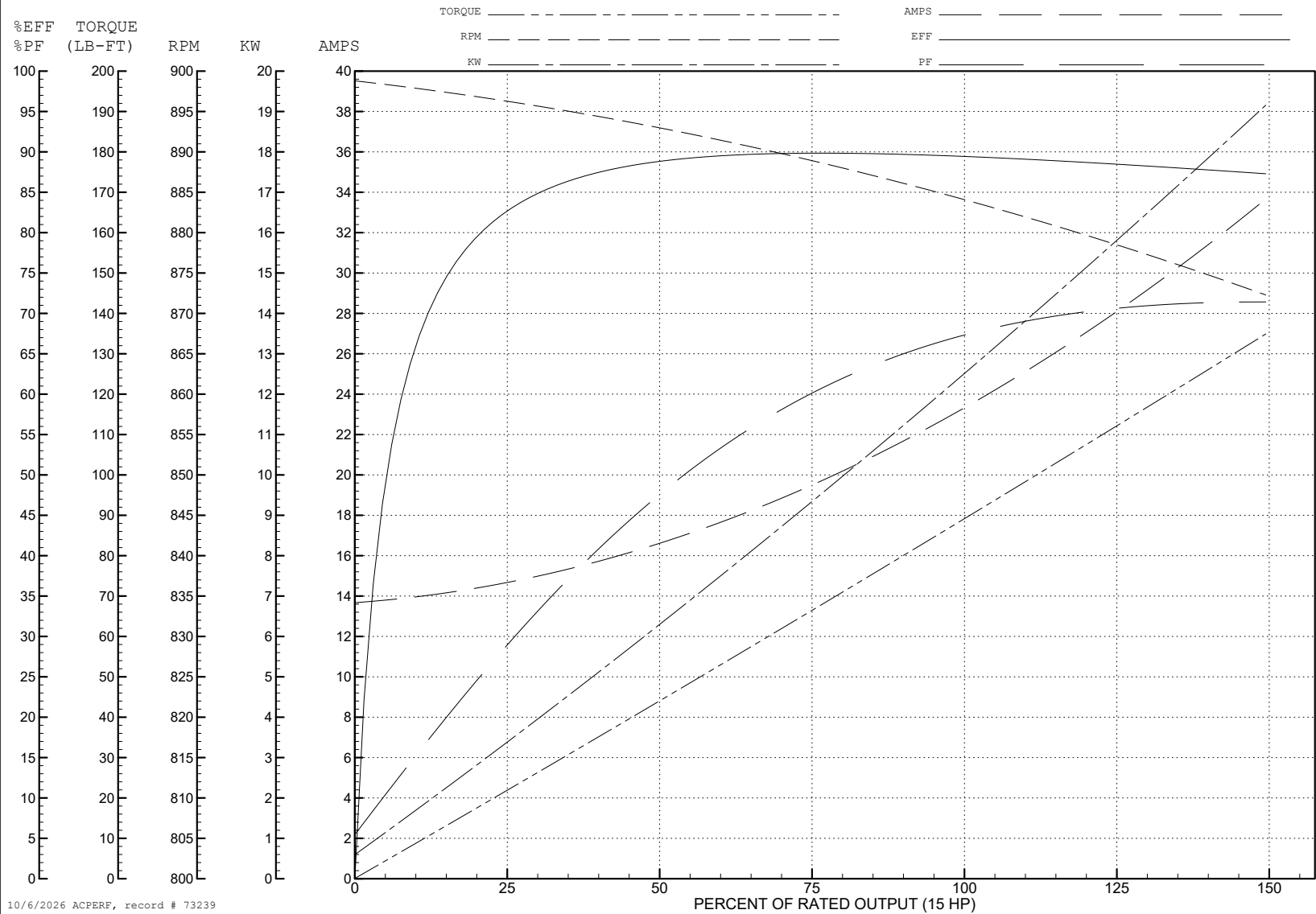
ABB Motors and Mechanical Inc.

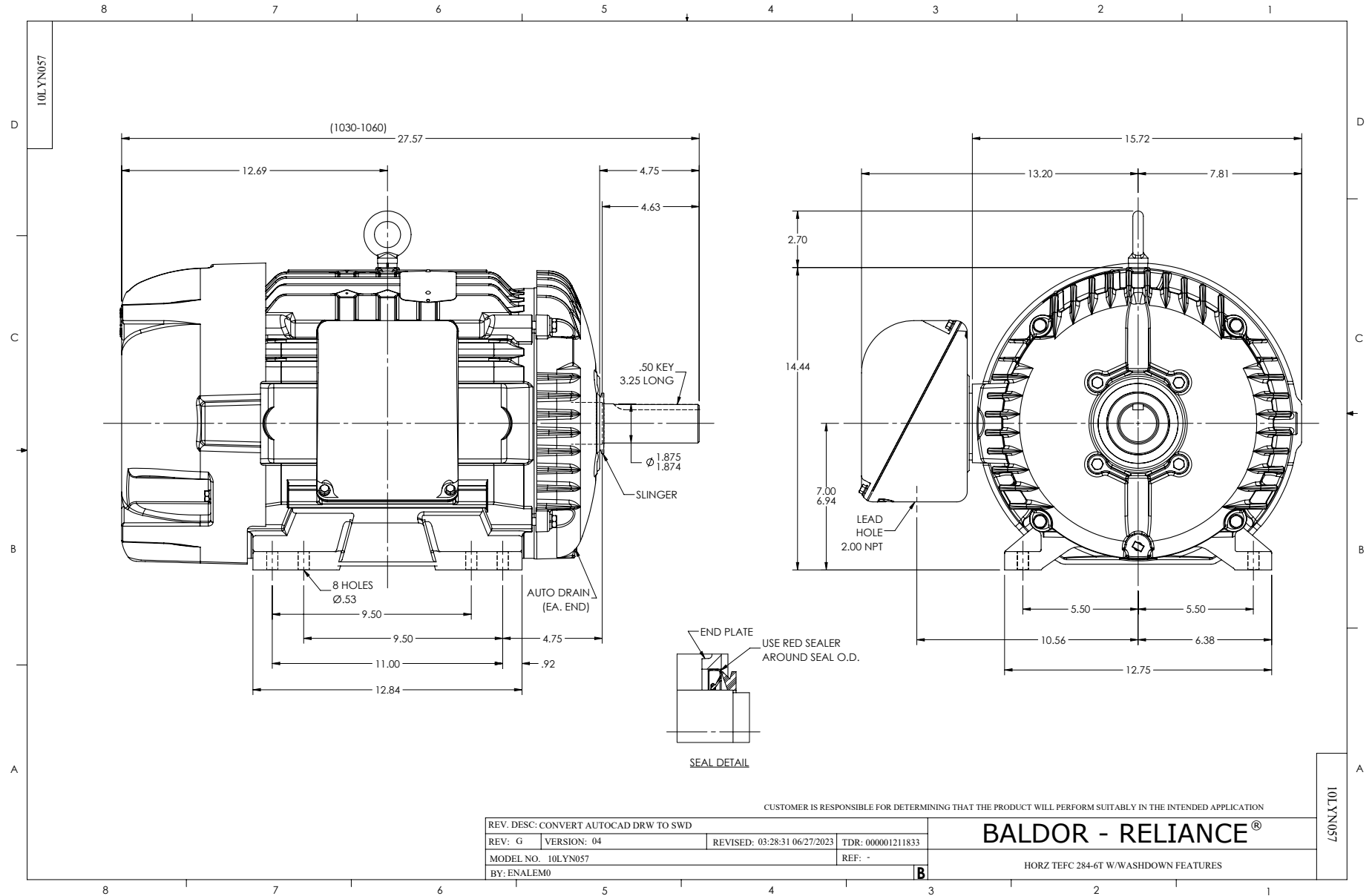
WINDING # 10WGZ376

Typical performance - not guaranteed values.

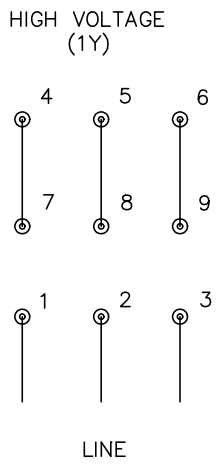
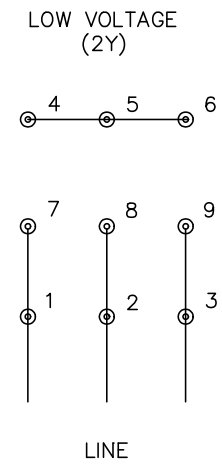
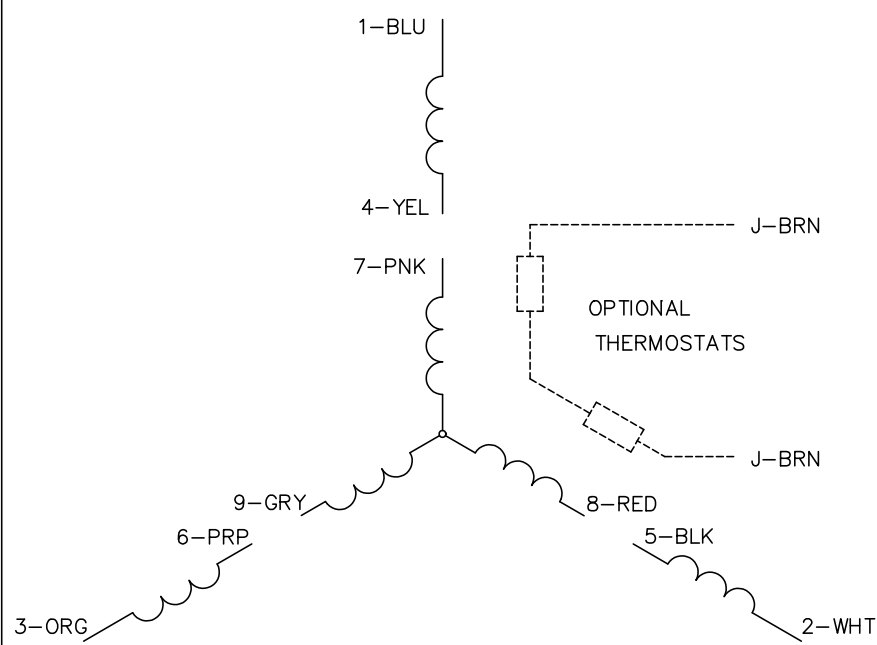
15 HP 3 PH 60 HZ 880 RPM 460 V 1060M

TORQUES (LB-FT): PO=207 PU=91 LR=114 LRA=106





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.

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			
REV. LTR: E	BY: JLP	REVISED: 01/19/99 10:15	TDR: 0171435
900000		FILE: AAA00005140	MDL: -
		MTL: -	

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005