

ABB BALDOR RELIANCE III

Customer information packet CDRX32364T

30HP, 1180//980RPM, 3PH, 60/50HZ, 326TC, XPFC

Class - CLI GP C,D

Division - Division I

Specifications

Enclosure	XPFC
Frame	326TC
Frame Material	Iron
Frequency	50.00 Hz 60.00 Hz
Haz Area Class and Group	CLI GP C,D
Haz Area Division	Division I
Motor Letter Type	Three Phase
Output @ Frequency	25.000 HP @ 50 HZ 30.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1200 RPM @ 50 HZ
Voltage @ Frequency	460.0 V @ 60 HZ 380.0 V @ 50 HZ 230.0 V @ 60 HZ 190.0 V @ 50 HZ
Agency Approvals	CSA EEV UL
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
Constant Torque Speed Range	6
Current @ Voltage	78.000 A @ 230.0 V 39.000 A @ 460.0 V
Design Code	A
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	93.0 %
Electrically Isolated Bearing	Not Electrically Isolated

Part Detail

Revision	H
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	12WGY812
Layout	12LYT021
Eff. date	12-10-2024
CD Diagram	CD0005
Poles	06
Leads	9#8
Proprietary	False
Created date	06-04-2019

Feedback Device	NO FEEDBACK
Haz Area Temp Code	T3C
Heater Indicator	No Heater
High Voltage Full Load Amps	39.0 a
Insulation Class	F
Inverter Code	Inverter Duty
IP Rating	NONE
KVA Code	H
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Max Speed	1800 rpm
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	1264M
Mounting Arrangement	F1
Number of Poles	6
Overall Length	32.00 IN
Power Factor	78
Product Family	Hazardous Location Motor
Pulley Face Code	C-Face
Rodent Screen	None
RoHS Status	ROHS NON-COMPLIANT
Service Factor	1.00
Shaft Diameter	2.125 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Speed	1180 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	Normally Closed Thermostat
Vibration Sensor Indicator	No Vibration Sensor
Winding Thermal 1	None
Winding Thermal 2	None

Nameplate

NP1401XPSLEV

NO.		CC	010A				
S/N		TEMP CODE	T3C				
SPEC.	12-0000-0744	INV.TYPE	PWM				
CAT.NO.	CDRX32364T	C HP FR	60	C HP TO	90		
HP	30//25	CT HZ FROM	6	CT HZ TO	60		
VOLTS	230/460//190/380	VT HZ FROM	6	VT HZ TO	60		
AMPS	78/39	MAG CUR	34.4/17.2				
RPM	1180//980	MX RPM	1800				
HZ	60//50	PH	3	CL	F	NOM.EFF.	93
SER.F.	1.00	DES	A	SL HZ	1	WK2	12.2
FRAME	326TC	RATING	40C AMB-CONT				
	55C AMB @ 1.0 SF, 60C RISE						
	1.15SF ON SINEWAVE		NEMA MG-1 PT.5,IP55				

ABB Motors and Mechanical Inc.

WINDING # 12WGY812

Typical performance - not guaranteed values.

30 HP 3 PH 60 HZ 1180 RPM 460 V 1264M

TORQUES (LB-FT): PO=370 PU=179 LR=217 LRA=245

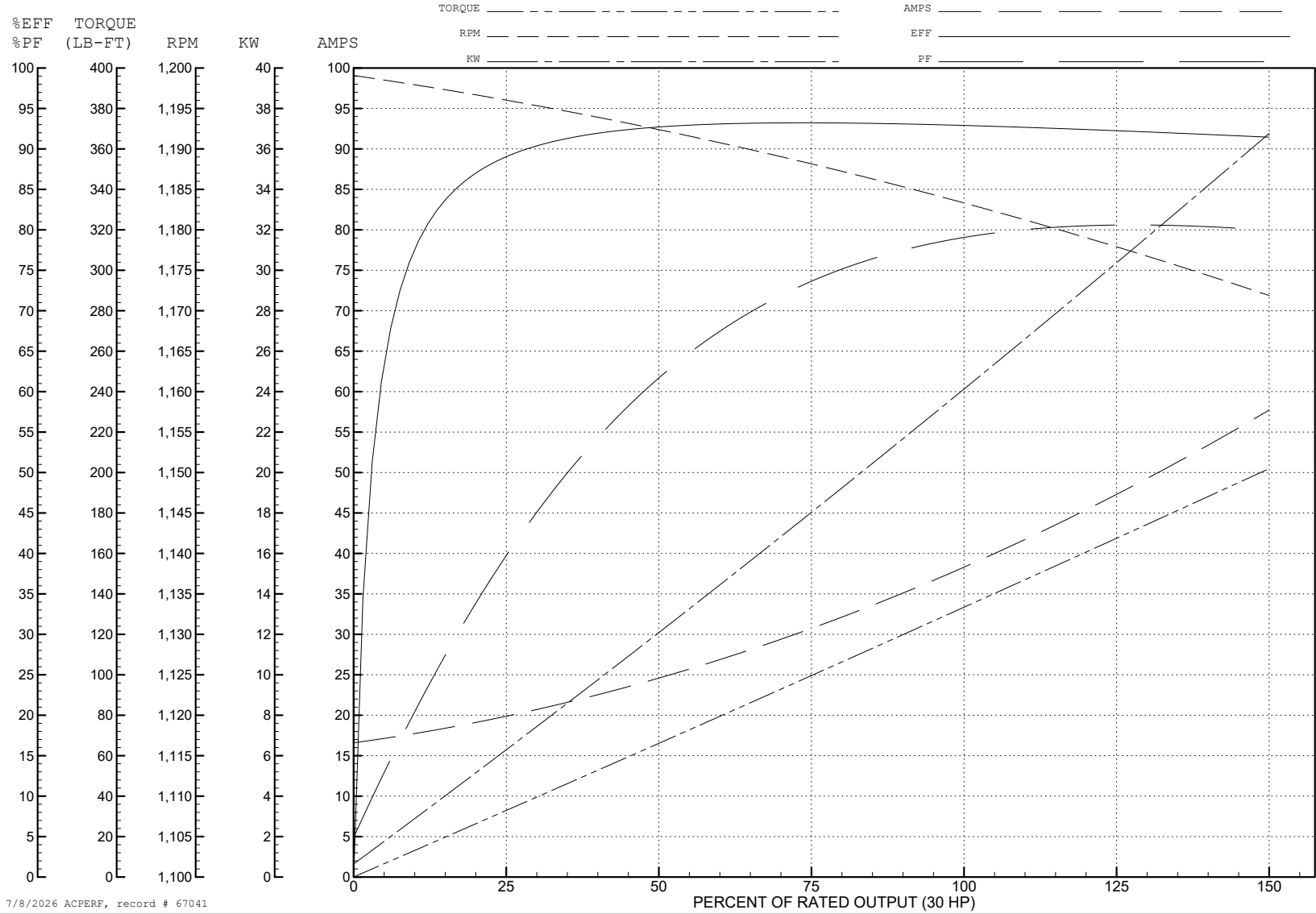


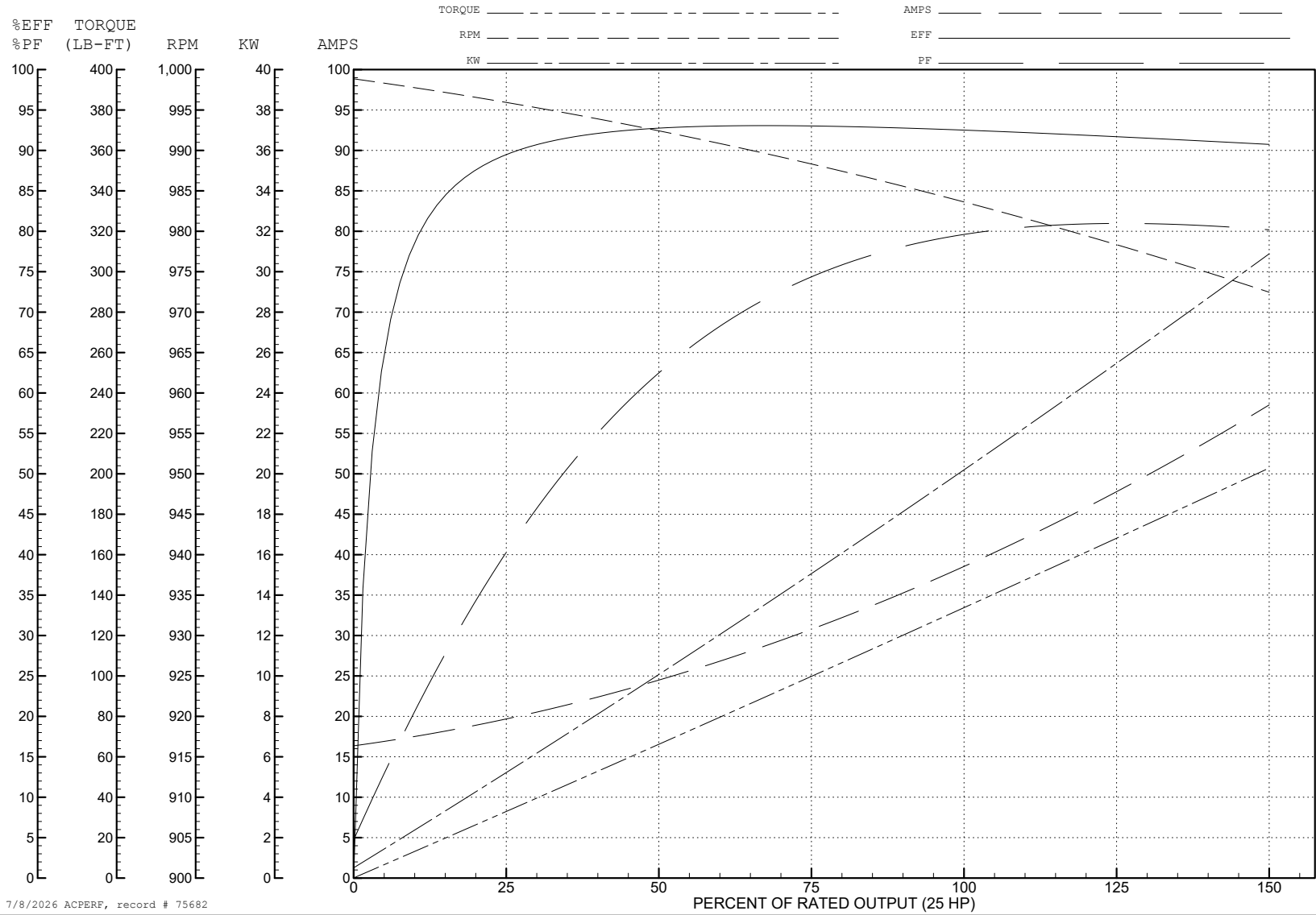
ABB Motors and Mechanical Inc.

WINDING # 12WGY812

Typical performance - not guaranteed values.

25 HP 3 PH 50 HZ 984 RPM 380 V 1264M

TORQUES (LB-FT): PO=358 PU=187 LR=227 LRA=239



7/8/2026 ACPERF, record # 75682

CD0005



LOW VOLTAGE
(2Y)



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.

CD0005

REV. DESC: REVISE TO SHOW OPTIONAL COLORS

REV. LTR: E BY: JLP REVISED: 01/19/99 10:15 TDR: 0171435

500000

FILE: AAA00005140

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS