



Customer information packet

CXT3206T-5

20HP, 1180RPM, 3PH, 60HZ, 286TC, 1062M, TEFC, F
Class - CLI GP A,B,C,D
Division - Division II

Specifications

Enclosure	TEFC
Frame	286TC
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	CLI GP A,B,C,D
Haz Area Division	Division II
Motor Letter Type	Three Phase
Output @ Frequency	20.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ
Voltage @ Frequency	575.0 V @ 60 HZ
Agency Approvals	UR NEMA_PREMIUM NEMA PREMIUM CSA EEV CCSA US
Ambient Temperature	40 °C
Auxillary Box	No Auxillary Box
Auxillary Box Lead Termination	None
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Constant Torque Speed Range	3
Current @ Voltage	20.600 A @ 575.0 V
Design Code	A
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	93.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Haz Area Temp Code	T3C
Heater Indicator	No Heater

Part detail

Revision	B
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	10WGY161
Layout	10LYC152
Eff. date	11-27-2024
CD Diagram	CD0006
Poles	06
Leads	3#10
Proprietary	False
Created date	07-26-2021

High Voltage Full Load Amps	20.6 a
Insulation Class	F
Inverter Code	Inverter Duty
IP Rating	NONE
KVA Code	H
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	1062M
Mounting Arrangement	F1
Number of Poles	6
Overall Length	27.76 IN
Power Factor	78
Product Family	General Purpose
Pulley Face Code	C-Face
Rodent Screen	None
Service Factor	1.15
Shaft Diameter	1.875 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	None
Vibration Sensor Indicator	No Vibration Sensor
Winding Thermal 1	None
Winding Thermal 2	None

Nameplate

NP4224L									
CAT.NO.	CXT3206T-5				I.P.	54			
SPEC.	10-0000-2247				ENCL	TEFC			
FRAME	286TC	H.P.	20		T. CODE	T3C			
VOLTS	575		P.F.	78					
F.L. AMPS	20.6		RATING	40C AMB-CONT					
R.P.M.	1180								
HZ.	60	PH.	3	CLASS	F				
SER.F.	1.15	DES.	A	SL HZ	1				
NEMA NOM. EFF.	93	WK2	7.59						
DE	6311	ODE	6309						
MAG. CUR.	9.7								
INV TYPE	PWM	CHP	60	TO	90	INV TEMP CODE	T3C		
CT	3	TO	60	VT	3	TO	60		
CC	010A	SN							

AC Induction Motor Performance Data

Record # 47253

Typical performance - not guaranteed values

Winding: 10WGY161-R004		Type: 1062M		Enclosure: TEFC	
Nameplate Data			575 V, 60 Hz: Single Voltage Motor		
Rated Output (HP)	20	Full Load Torque	89 LB-FT		
Volts	575	Start Configuration	direct on line		
Full Load Amps	20.6	Breakdown Torque	281 LB-FT		
R.P.M.	1180	Pull-up Torque	110 LB-FT		
Hz	60 Phase	3	Locked-rotor Torque	156 LB-FT	
NEMA Design Code	A KVA Code	H	Starting Current	135 A	
Service Factor (S.F.)	1.15	No-load Current	9.64 A		
NEMA Nom. Eff.	93 Power Factor	78	Line-line Res. @ 25°C	0.593 Ω	
Rating - Duty	40C AMB-CONT		Temp. Rise @ Rated Load	48°C	
S.F. Amps			Temp. Rise @ S.F. Load	58°C	
			Rotor inertia	7.59 LB-FT ²	

Load Characteristics 575 V, 60 Hz, 20 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	40	62	73	78	80	81	79
Efficiency	87.4	92.1	93.2	93.2	92.4	92	92.7
Speed	1195	1191	1187	1183	1178	1173	1180
Line amperes	10.7	13.4	16.7	20.6	25.1	30.2	23.3

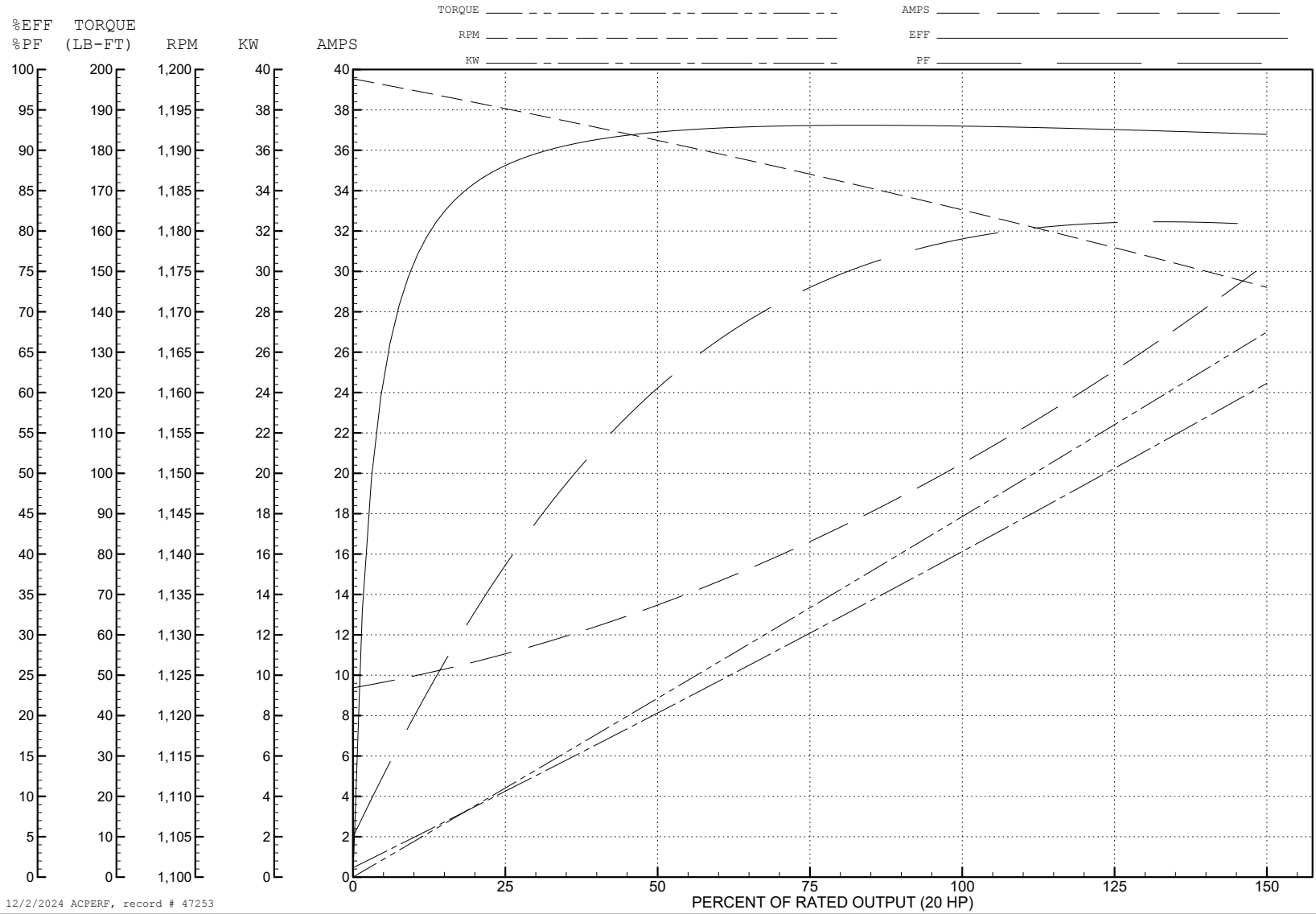
ABB Motors and Mechanical Inc.

WINDING # 10WGY161

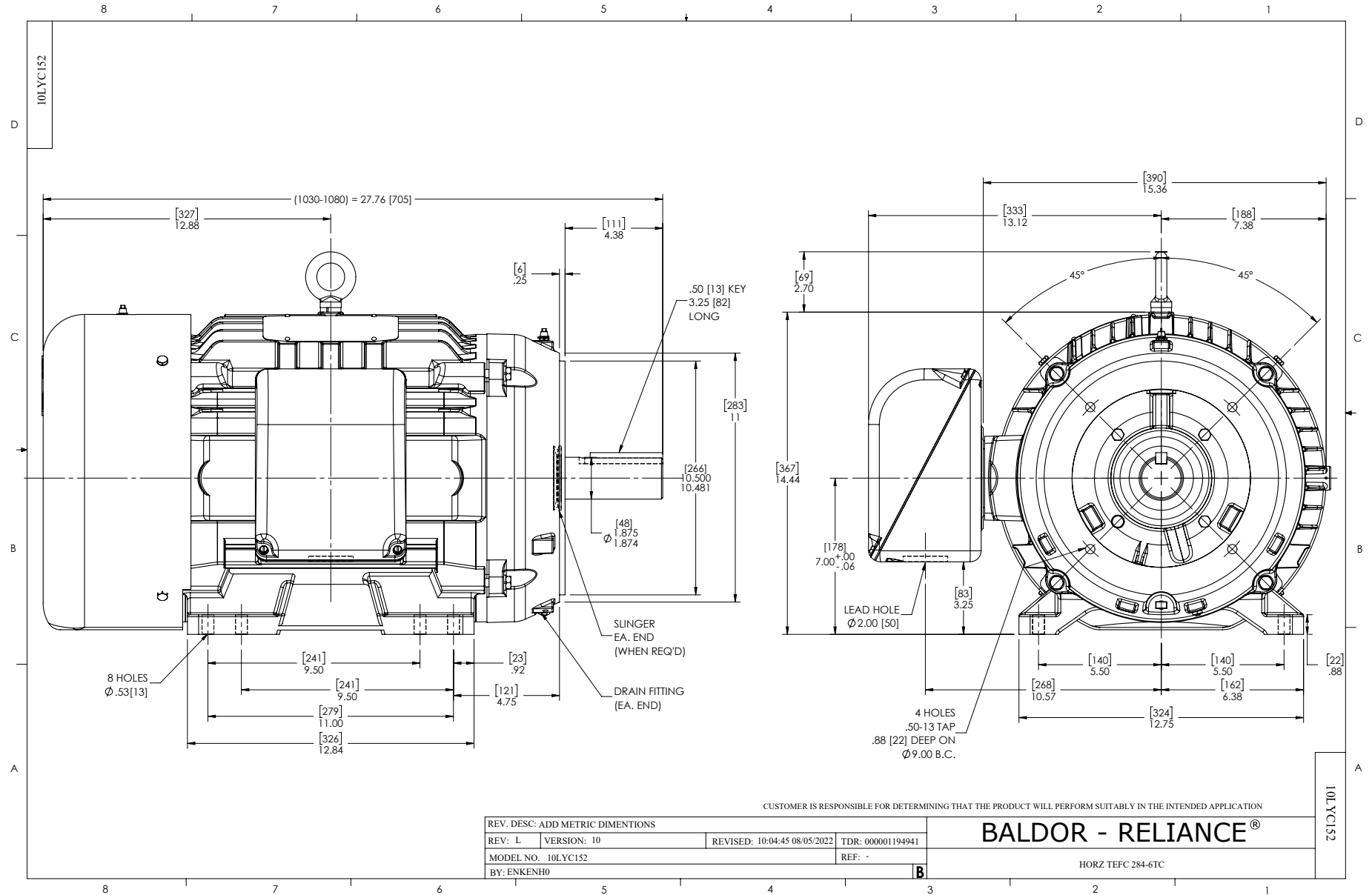
Typical performance - not guaranteed values.

20 HP 3 PH 60 HZ 1180 RPM 575 V 1062M

TORQUES (LB-FT): PO=281 PU=110 LR=156 LRA=135



12/2/2024 ACPERF, record # 47253



CD0006



NOTES:

1. THREE LEAD MOTOR MAY BE EITHER WYE CONNECTED OR DELTA CONNECTED.
2. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
3. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
4. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY VARY.
5. LEAD COLORS ARE OPTIONAL. LEADS MUST BE NUMBERED AS SHOWN.

CD0006

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BALDOR - RELIANCE®

3PH, SV, 3 LEADS, WYE OR DELTA CONNECTED

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