



Customer information packet

XL050762

.75HP, 1165RPM, 1PH, 60HZ, 56, 3540L, XPFC, F1

Class - CLI GP D; CLII GP F,G

Division - Division I

Specifications

Enclosure	XPFC
Frame	56
Frame Material	Steel
Frequency	60.00 Hz
Haz Area Class and Group	CLI GP D; CLII GP F,G
Haz Area Division	Division I
Motor Letter Type	Cap Start, Induction Run
Output @ Frequency	.750 HP @ 60 HZ
Phase	1
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ
Voltage @ Frequency	115.0 V @ 60 HZ 230.0 V @ 60 HZ
Agency Approvals	UL CSA
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	10.500 A @ 115.0 V 5.250 A @ 230.0 V
Design Code	L
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	72.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Shaft Indicator	None
Haz Area Temp Code	T3C
Heater Indicator	No Heater
High Voltage Full Load Amps	5.3 a

Part detail

Revision	B
Type	AC
Mech. spec.	35E353
Base	
Status	PRD/A
Elec. spec.	35WGG517
Layout	35LYE353
Eff. date	07-24-2024
CD Diagram	CD0001
Poles	06
Leads	6#18
Proprietary	False
Created date	12-02-2022

Insulation Class	F
Inverter Code	Not Inverter
KVA Code	L
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Quantity/Wire Size	6 @ 18 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	X3540L
Mounting Arrangement	F1
Number of Poles	6
Overall Length	17.40 IN
Power Factor	63
Product Family	Hazardous Location Motor
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Pulley Shaft Indicator	Standard
Rodent Screen	None
RoHS Status	ROHS NON-COMPLIANT
Service Factor	1.15
Shaft Diameter	0.625 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1165 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

NP1426XPSL									
NO.		CC							
SER.									
SPEC.	35E353G517								
CAT.NO.	XL050762								
HP	.75	T. CODE			T3C				
VOLTS	115/230								
AMPS	10.5/5.25								
RPM	1165								
HZ	60	PH	1	CL	F				
SER.F.	1.15	DES		L	CODE		L		
RATING	40C AMB-CONT								
FRAME	56	NEMA-NOM-EFF							72
	PF	63							
BLANK	NEMA MG-1 PART 5, IP54								

AC Induction Motor Performance Data

Record # 96489

Typical performance - not guaranteed values

Winding: 35WGG517-R001			Type: 3540L		Enclosure: TEFC		
Nameplate Data			115 V, 60 Hz: Low Voltage Connection				
Rated Output (HP)		.75	Full Load Torque		3.37 LB-FT		
Volts		115/230	Start Configuration		direct on line		
Full Load Amps		10.5/5.25	Breakdown Torque		8.9 LB-FT		
R.P.M.		1165	Pull-up Torque		4.6 LB-FT		
Hz	60	Phase	1	Locked-rotor Torque		9.5 LB-FT	
NEMA Design Code		L	KVA Code	L	Starting Current		47.6 A
Service Factor (S.F.)		1.15		No-load Current		8.23 A	
NEMA Nom. Eff.		72	Power Factor	63	Line-line Res. @ 25°C		0.749 Ω A Ph 3.72 Ω B Ph
Rating - Duty		40C AMB-CONT		Temp. Rise @ Rated Load		74°C	
S.F. Amps		11.2/5.6		Temp. Rise @ S.F. Load		83°C	
				Locked-rotor Power Factor		83.2	
				Rotor inertia		0.29 lb-ft²	

Load Characteristics 115 V, 60 Hz, 0.75 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	29	42	54	63	69	74	67
Efficiency	49.9	64.9	71.2	73.8	74.5	73.9	74.2
Speed	1191	1184	1176	1168	1158	1147	1162
Line amperes	8.4	8.84	9.55	10.5	11.8	13.3	11.3

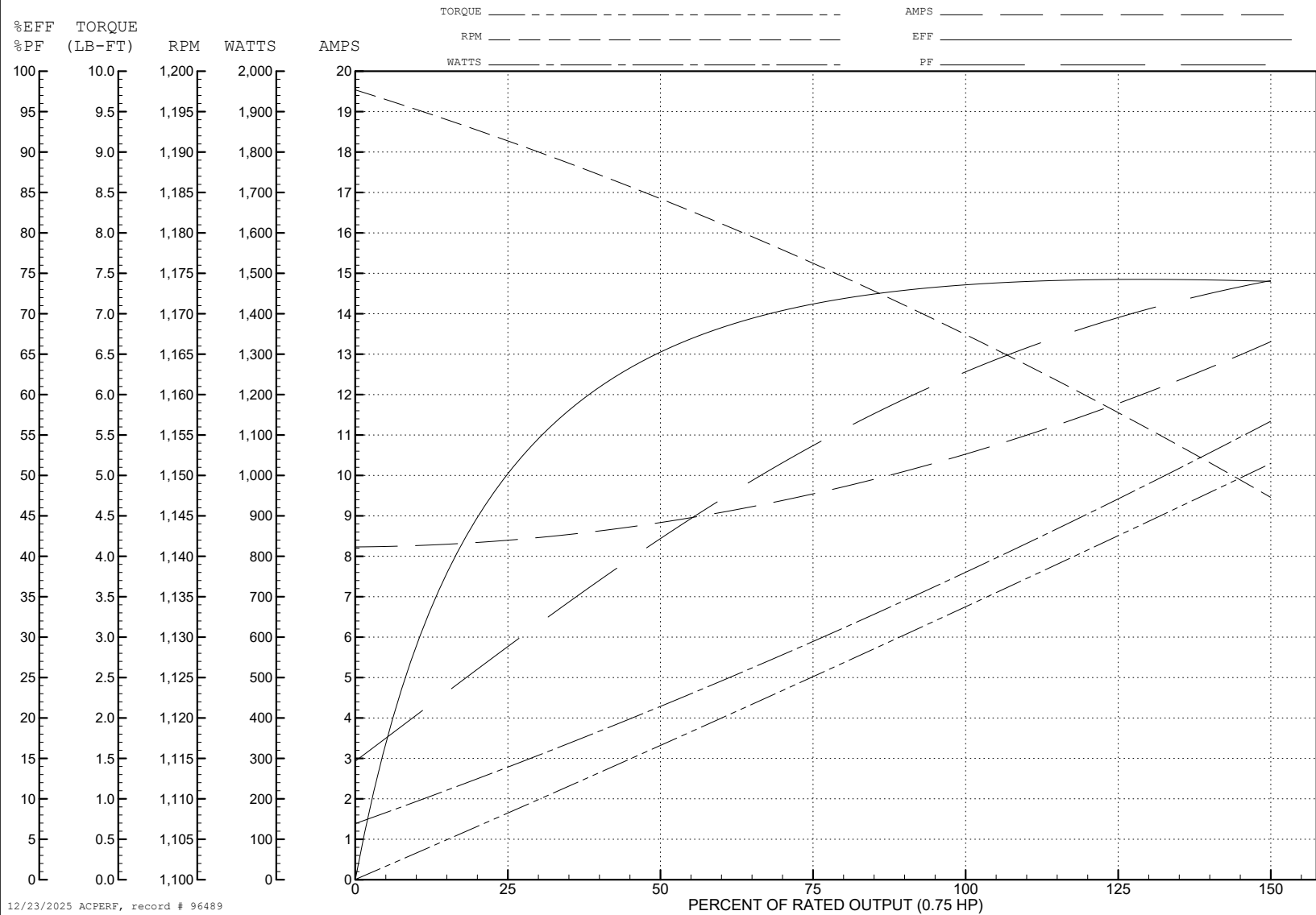
ABB Motors and Mechanical Inc.

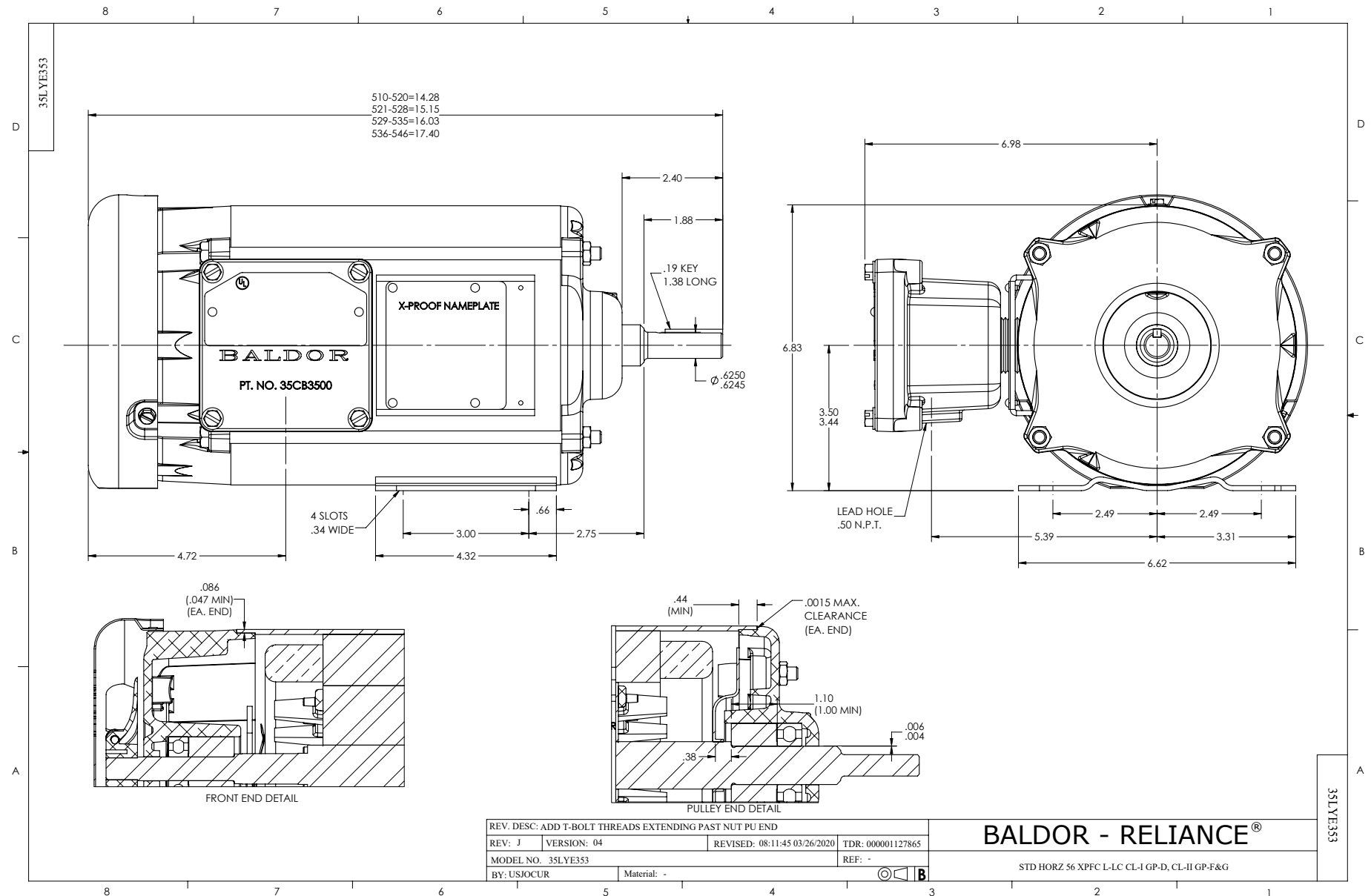
WINDING # 35WGG517

Typical performance - not guaranteed values.

0.75 HP 1 PH 60 HZ 1165 RPM 115 V 3540L

TORQUES (LB-FT): PO=8.9 PU=4.6 LR=9.5 LRA=47.6





CD0001

