



# **BALDOR® • RELIANCE**

## **Product Information Packet**

# **07L144X776G1**

**10HP,1760RPM,3PH,60HZ,215TC,0748M,TENV,F**

Part Detail							
Revision:	F	Status:	INA/A	Change #:		Proprietary:	Yes
Type:	AC	Prod. Type:	0748M	Elec. Spec:	07WGX776	CD Diagram:	CD0005
Enclosure:	TENV	Mfg Plant:		Mech. Spec:	07L144	Layout:	07LYL144
Frame:	215TC	Mounting:	F3	Poles:	04	Created Date:	12-15-2008
Base:	N	Rotation:	R	Insulation:	H	Eff. Date:	09-23-2015
Leads:	9#14					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1162L	
CAT NO	
SPEC.	07L144X776G1
FRAME	215TC HP 10 TE
VOLTS	230/460
MAG CUR	10.2/5.1 FLA 25/12.5
RPM	1760 RPM MAX 4500
HZ	60 PH 3 CLASS H
SER.F.	1.00 DES A SL HZ 1.3
NEMA-NOM-EFF	92.4 WK2 1.18
BLWR V	PH HZ A
RATING	40C AMB-60 MIN
DE BRG	6307 ODE BRG 6206
CC	SN

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**AC Induction Motor Performance Data**

Record # 58031 - Typical performance - not guaranteed values

<b>Winding:</b> 07WGX776-R012	<b>Type:</b> 0748M	<b>Enclosure:</b> TENV
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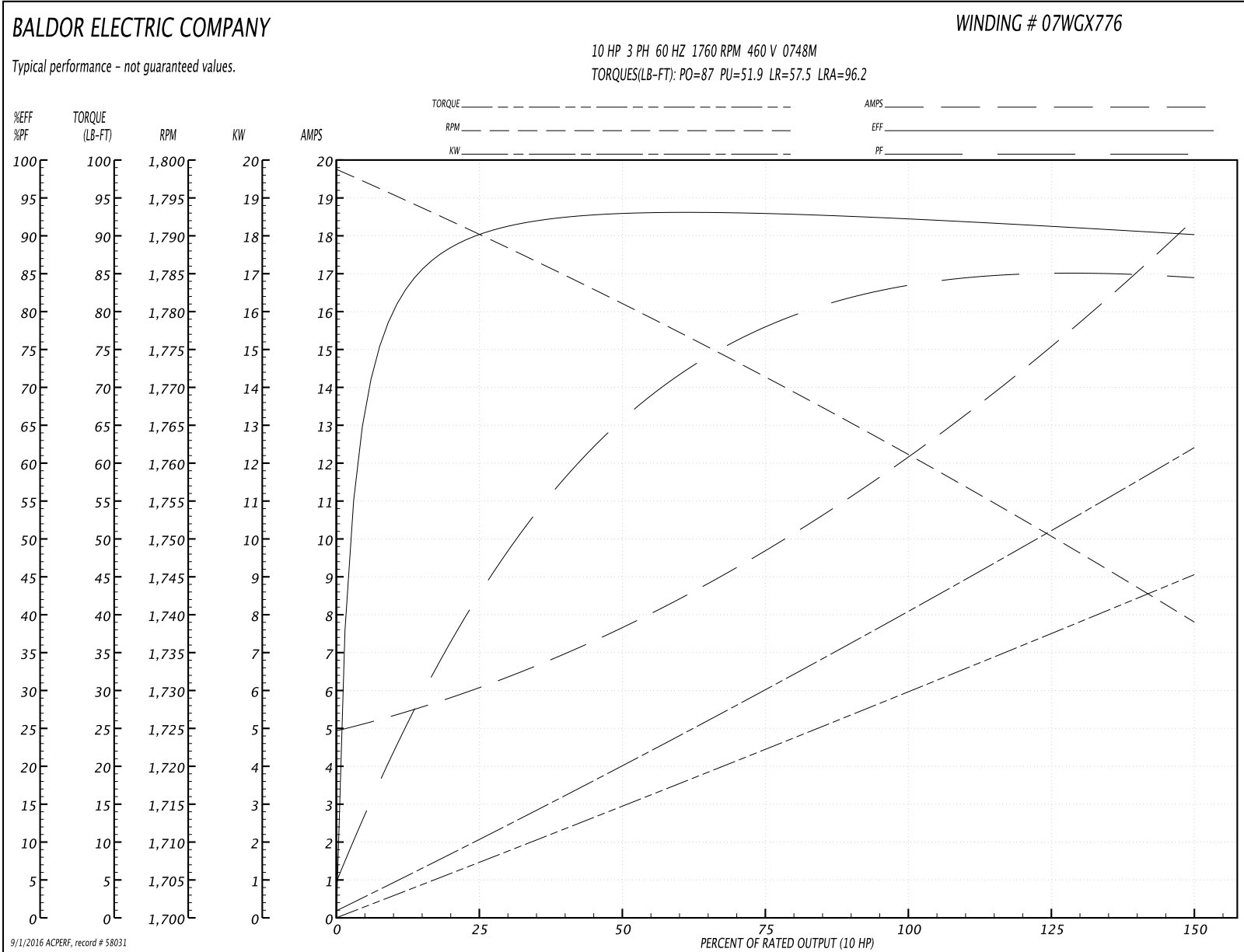
Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	10			Full Load Torque	29.8 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	25/12.5			Breakdown Torque	87 LB-FT
R.P.M.	1760			Pull-up Torque	51.9 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	57.5 LB-FT
NEMA Design Code	A	KVA Code	H	Starting Current	96.2 A
Service Factor (S.F.)	1			No-load Current	5.12 A
NEMA Nom. Eff.	92.4	Power Factor	82	Line-line Res. @ 25°C	0.958 Ω
Rating - Duty	40C AMB-60 MIN			Temp. Rise @ Rated Load	60°C
				Rotor inertia	1.18 LB-FT <sup>2</sup>

Load Characteristics 460 V, 60 Hz, 10 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	44	67	78	82	84	85
Efficiency	89.7	92.9	93	92.4	91.2	90.2
Speed	1790	1781	1771	1762	1750	1739
Line amperes	5.84	7.52	9.75	12.3	15.2	18.3

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Performance Graph at 460V, 60Hz, 10.0HP Typical performance - Not guaranteed values



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