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Product Information Packet

IDXM7554T

15HP,1765RPM,3PH,60HZ,256TC,0944M,XPFC,F

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Part Detail							
Revision:	-	**Status:**	PRD/A	**Change #:**		**Proprietary:**	No
Type:	AC	**Prod. Type:**	0944M	**Elec. Spec:**	09WGZ910	**CD Diagram:**	CD0005
Enclosure:	XPFC	**Mfg Plant:**		**Mech. Spec:**	09E963	**Layout:**	09LYE963
Frame:	256TC	**Mounting:**	F1	**Poles:**	04	**Created Date:**	12-16-2016
Base:	RG	**Rotation:**	R	**Insulation:**	F	**Eff. Date:**	12-16-2016
Leads:	9#12					**Replaced By:**	
Literature:		**Elec. Diagram:**					

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Nameplate NP0890XPSLEV

NO.				CC	010		
S/N				TEMP CODE	T2B		
SPEC.	09E963Z910G2			INV.TYPE	PWM		
CAT.NO.	IDXM7554T			C HP FR	60	C HP TO	90
HP	15			CT HZ FROM	6	CT HZ TO	60
VOLTS	230/460			VT HZ FROM	6	VT HZ TO	60
AMPS	36.2/18.1			MAG CUR	15.2/7.6		
RPM	1765			MX RPM	2700		
HZ	60	PH	3	CL	F	NOM.EFF.	92.4
SER.F.	1.00	DES	A	SL HZ	1.2	WK2	1.93
FRAME	256TC	RATING	40C AMB-CONT				

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AC Induction Motor Performance Data

Record # 51149 - Typical performance - not guaranteed values

Winding: 09WGZ910-R044	**Type:** 0944M	**Enclosure:** XPFC

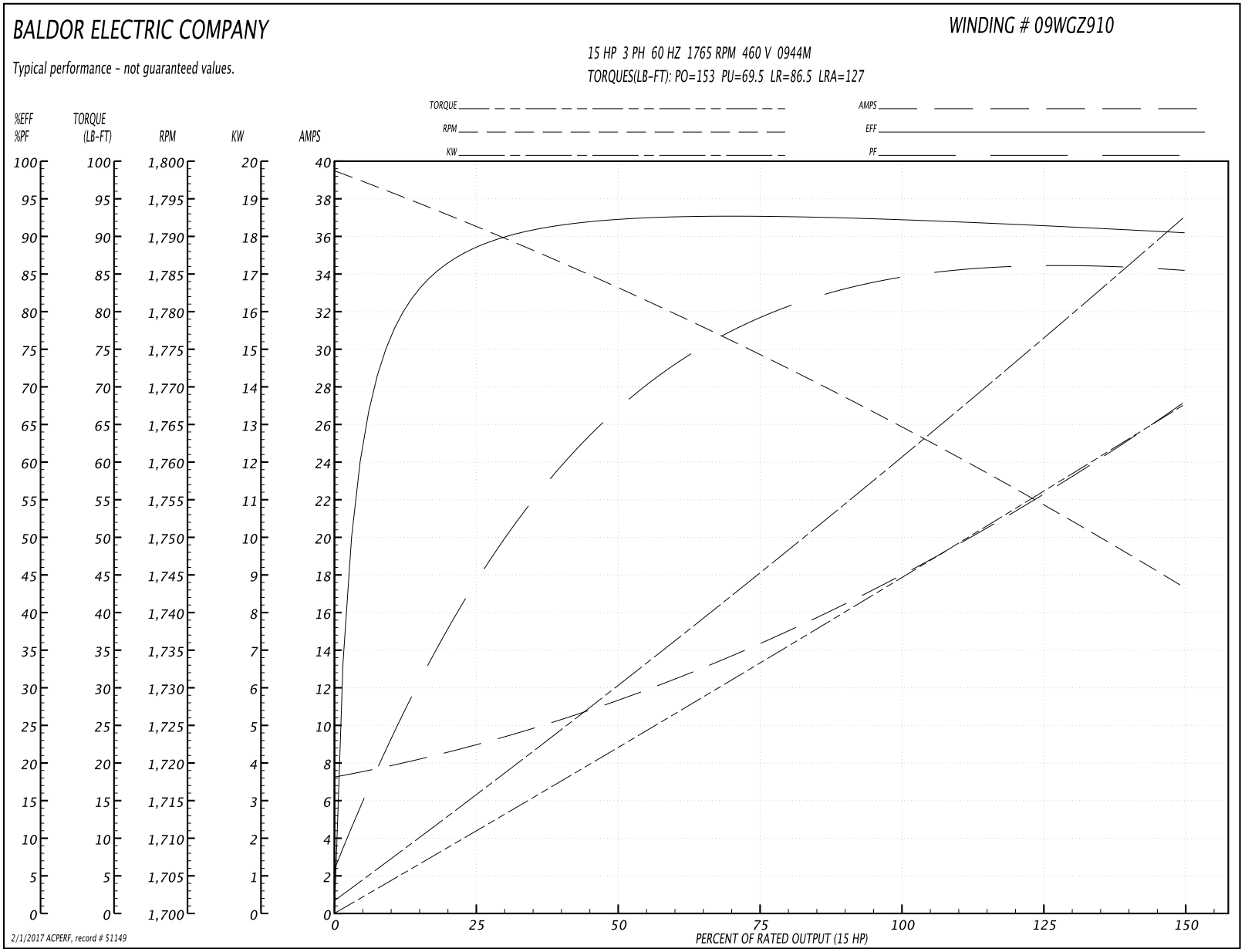
Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	15			Full Load Torque	44.5 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	36.2/18.1			Breakdown Torque	153 LB-FT
R.P.M.	1765			Pull-up Torque	69.5 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	86.5 LB-FT
NEMA Design Code	A	KVA Code	H	Starting Current	127 A
Service Factor (S.F.)	1			No-load Current	7.56 A
NEMA Nom. Eff.	92.4	Power Factor	83	Line-line Res. @ 25ºC	0.59555 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	54°C
				Locked-rotor Power Factor	33
				Rotor inertia	1.92 LB-FT2

Load Characteristics 460 V, 60 Hz, 15 HP

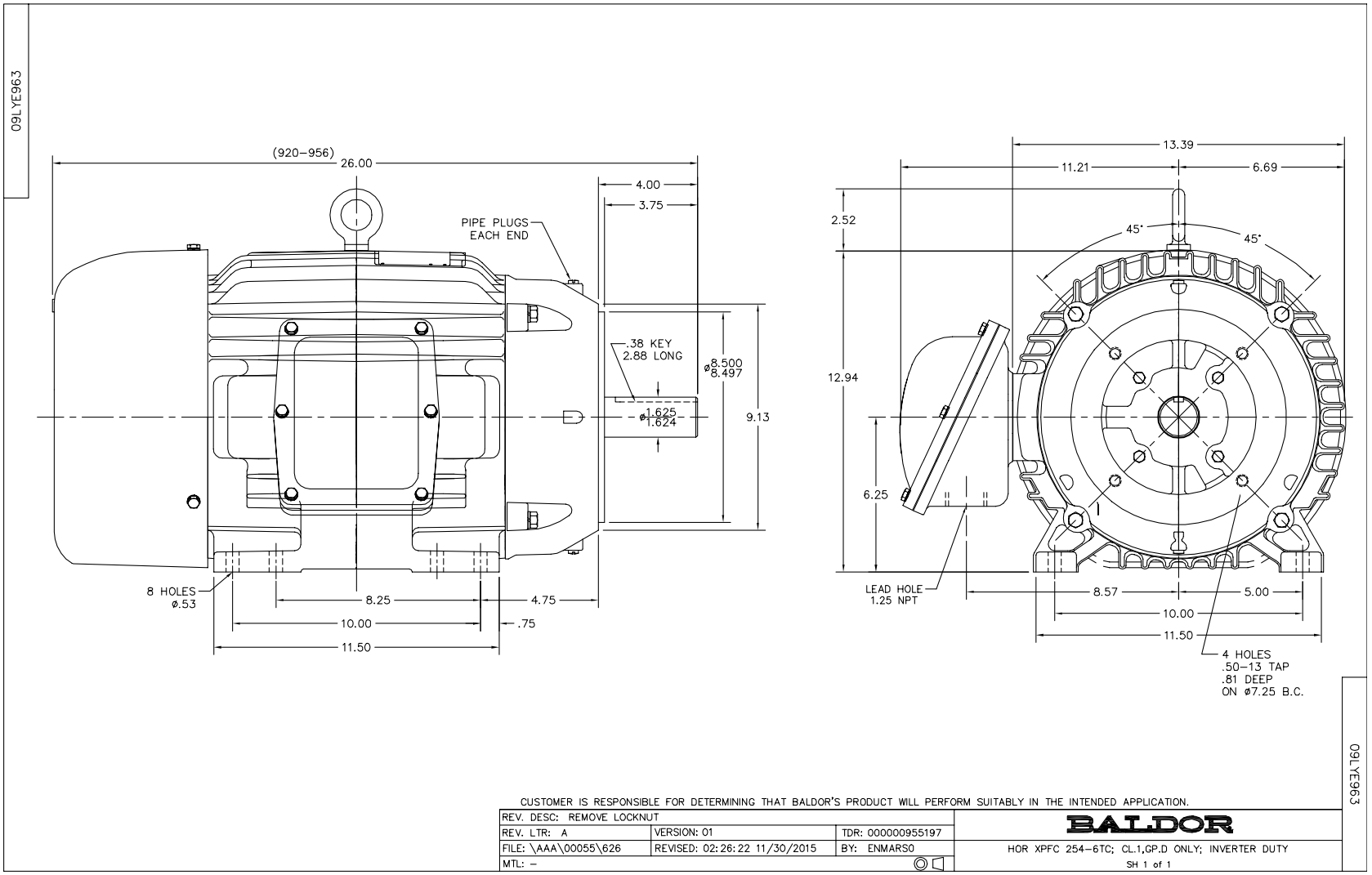
% of Rated Load	25	50	75	100	125	150
Power Factor	45	69	79	83	85	87
Efficiency	88.2	92.2	92.7	92.4	91.5	90.4
Speed	1791.3	1783.1	1774	1765.2	1754.6	1743.1
Line amperes	8.62	11	14.5	18.1	22.6	26.9

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Performance Graph at 460V, 60Hz, 15.0HP Typical performance - Not guaranteed values



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CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: REMOVE LOCKNUT		
REV. LTR: A	VERSION: 01	TDR: 000000955197
FILE: \AAA\00055\626	REVISED: 02:26:22 11/30/2015	BY: ENMARSO
MTL: –		

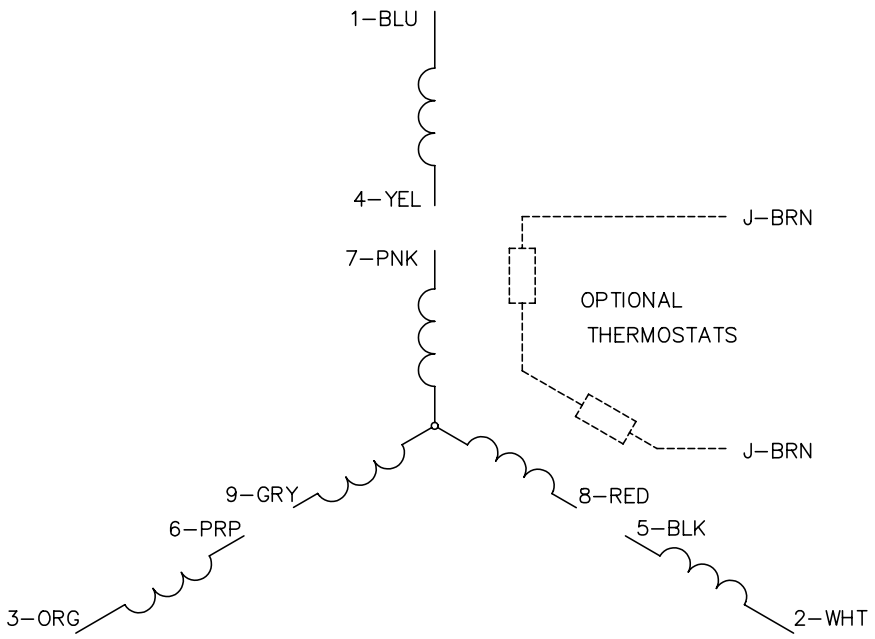
BALDOR

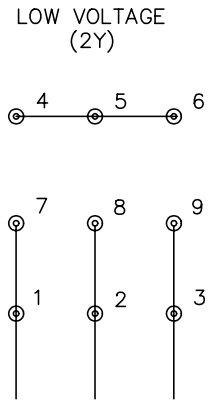
HOR XPFC 254–6TC; CL.1,GP.D ONLY; INVERTER DUTY

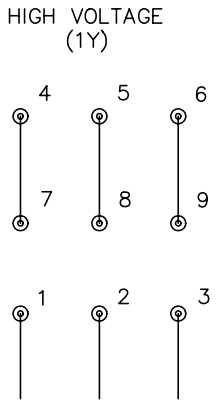
SH 1 of 1

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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.

CD0005

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			BALDOR ELECTRIC Co.
REV. LTR: E	BY: JLP	REVISED: 01/19/99 10:15	TDR: 0171435
CD0005		FILE: AAA00005140	MDL: –
		MTL: –	3PH, DV, 9 LEADS

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