

BALDOR® • RELIANCE 

Product Information Packet

VJMM3312T

10HP,3500RPM,3PH,60HZ,213JM,3726M,OPSB,F

Part Detail							
Revision:	H	Status:	INA/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	37WGR288	CD Diagram:	CD0005	Mfg Plant:	
Mech. Spec:	37L606	Layout:	37LYL606	Poles:	02	Created Date:	06-20-2012
Base:	N	Eff. Date:	03-08-2016	Leads:	9#14		

Specs			
Catalog Number:	VJMM3312T	Heater Indicator:	No Heater
Enclosure:	OPSB	Insulation Class:	F
Frame:	213JM	Inverter Code:	Not Inverter
Frame Material:	Steel	KVA Code:	H
Output @ Frequency:	10.000 HP @ 60 HZ	Lifting Lugs:	Standard Lifting Lugs
Synchronous Speed @ Frequency:	3600 RPM @ 60 HZ	Locked Bearing Indicator:	Locked Bearing
Voltage @ Frequency:	208.0 V @ 60 HZ	Motor Lead Quantity/Wire Size:	9 @ 14 AWG
	230.0 V @ 60 HZ	Motor Lead Exit:	Ko Box
	460.0 V @ 60 HZ	Motor Lead Termination:	Flying Leads
XP Class and Group:	None	Motor Type:	3726M
XP Division:	Not Applicable	Mounting Arrangement:	F1
Agency Approvals:	UR	Power Factor:	84
	CSA	Product Family:	General Purpose
Auxillary Box:	No Auxillary Box	Pulley End Bearing Type:	Ball
Auxillary Box Lead Termination:	None	Pulley Face Code:	C-Face
Base Indicator:	No Mounting	Pulley Shaft Indicator:	Tapped & Key
Bearing Grease Type:	Polyrex EM (-20F +300F)	Rodent Screen:	Included
Blower:	None	Shaft Extension Location:	Pulley End

Current @ Voltage:	12.400 A @ 460.0 V	Shaft Ground Indicator:	No Shaft Grounding
	24.800 A @ 230.0 V	Shaft Rotation:	Reversible
	26.000 A @ 208.0 V	Shaft Slinger Indicator:	No Slinger
Design Code:	B	Speed Code:	Single Speed
Drip Cover:	No Drip Cover	Motor Standards:	NEMA
Duty Rating:	CONT	Starting Method:	Direct on line
Electrically Isolated Bearing:	Not Electrically Isolated	Thermal Device - Bearing:	None
Feedback Device:	NO FEEDBACK	Thermal Device - Winding:	None
Front Face Code:	Standard	Vibration Sensor Indicator:	No Vibration Sensor
Front Shaft Indicator:	None	Winding Thermal 1:	None
		Winding Thermal 2:	None

Nameplate NP1256L										
CAT.NO.	VJMM3312T									
SPEC.	37L606R288H1									
HP	10									
VOLTS	208-230/460									
AMP	26-24.8/12.4									
RPM	3500									
FRAME	213JM				HZ	60			PH	3
SER.F.	1.15		CODE	H	DES	B		CLASS	F	
NEMA-NOM-EFF	88.5		PF	84						
RATING	40C AMB-CONT									
CC	010A				USABLE AT 208V					
DE	6309				ODE	6206				
ENCL	OPSB		SN							

AC Induction Motor Performance Data

Record # 38795

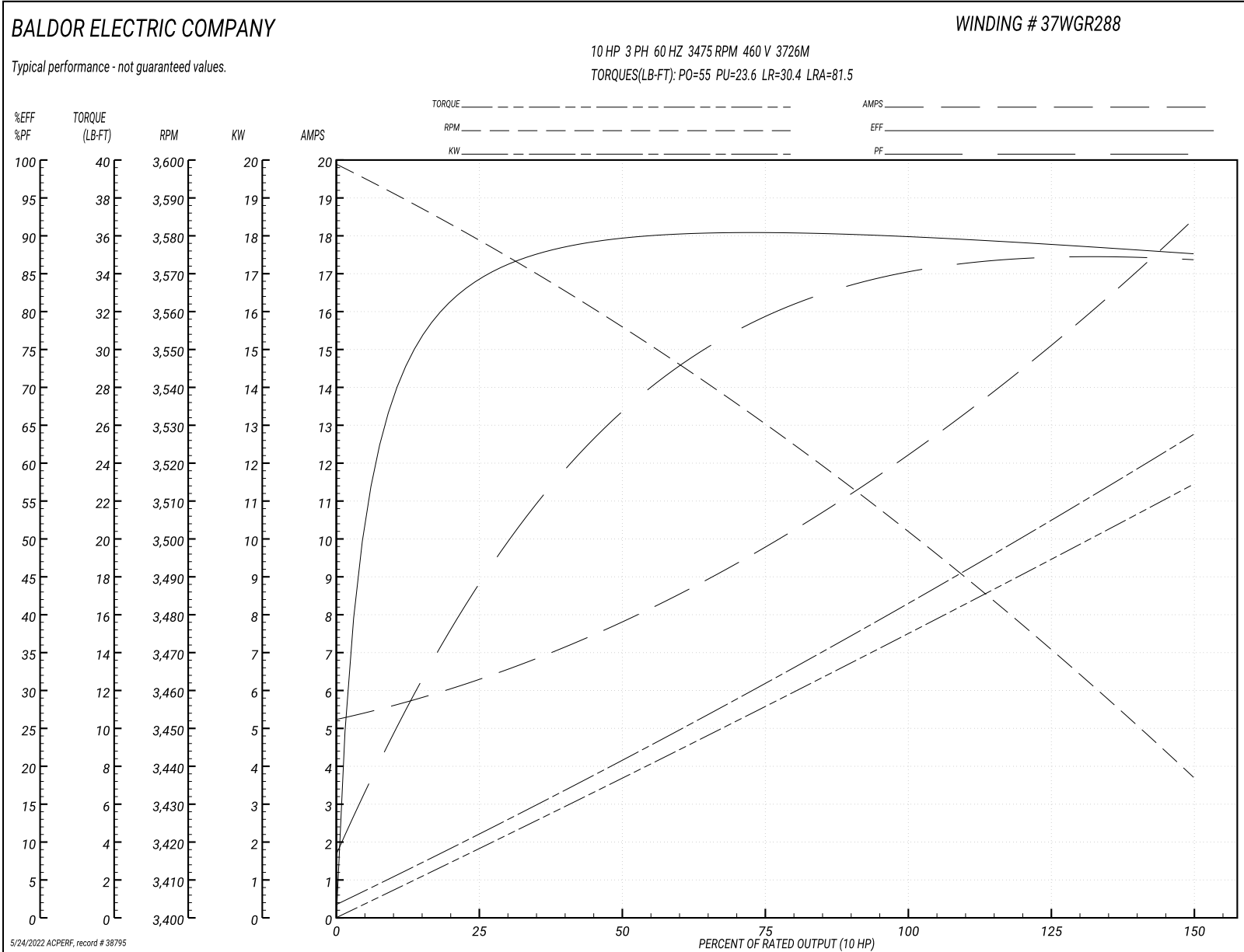
Typical performance - not guaranteed values

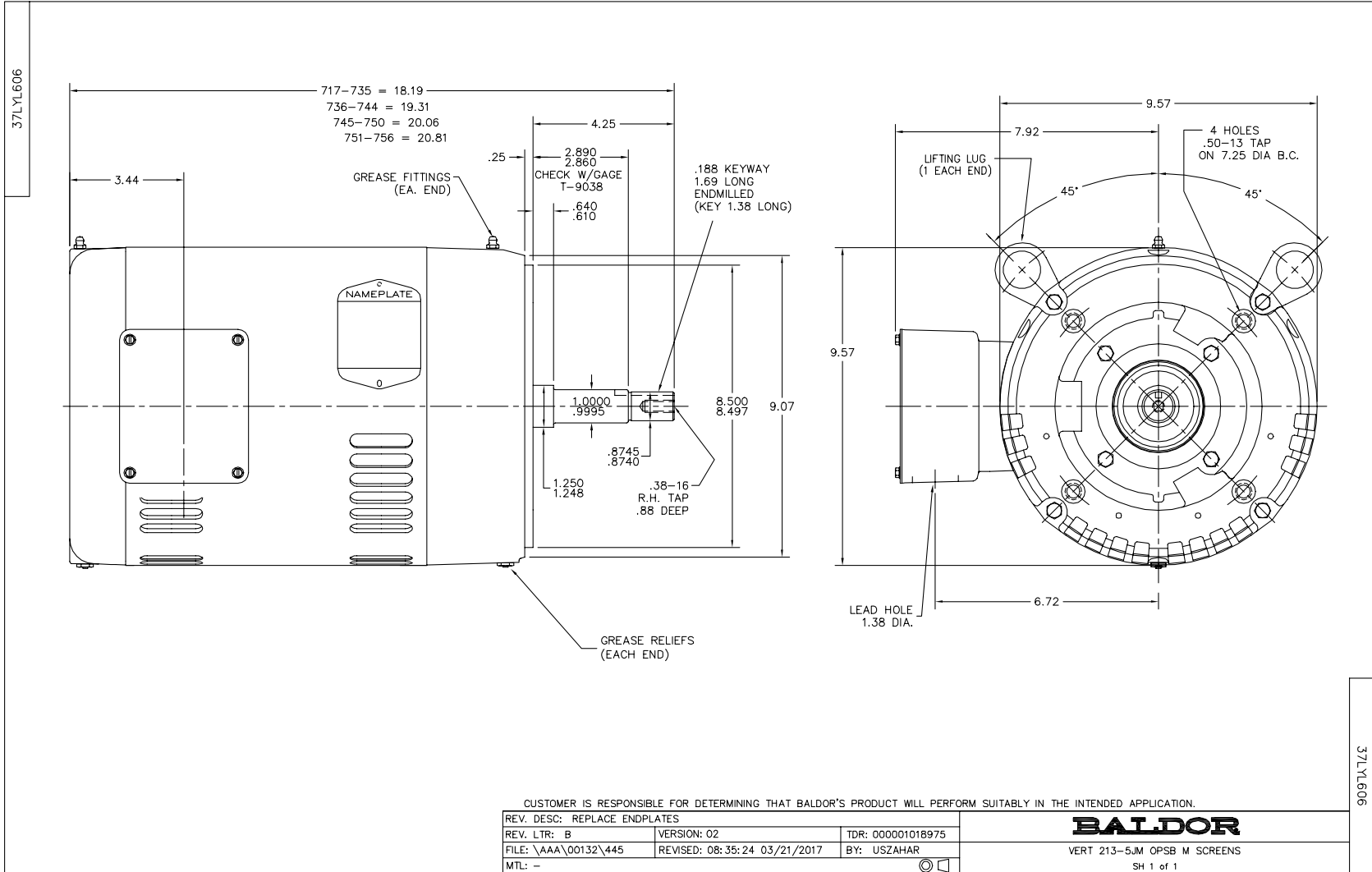
Winding: 37WGR288-R001			Type: 3726M			Enclosure: OPSB			
Nameplate Data				460 V, 60 Hz: High Voltage Connection					
Rated Output (HP)		10	Full Load Torque	15 LB-FT					
Volts		208-230/460	Start Configuration	direct on line					
Full Load Amps		26-24.4/12.2	Breakdown Torque	55 LB-FT					
R.P.M.		3475	Pull-up Torque	23.6 LB-FT					
Hz	60 Phase	3	Locked-rotor Torque	30.4 LB-FT					
NEMA Design Code	B	KVA Code	H	Starting Current	81.5 A				
Service Factor (S.F.)		1.15	No-load Current	5.42 A					
NEMA Nom. Eff.	88.5	Power Factor	84	Line-line Res. @ 25°C	0.98595 Ω				
Rating - Duty		40C	AMB-CONT	Temp. Rise @ Rated Load	40°C				
S.F. Amps				Temp. Rise @ S.F. Load	49°C				
				Locked-rotor Power Factor	35				
				Rotor inertia	0.237 LB-FT ²				

Load Characteristics 460 V, 60 Hz, 10 HP

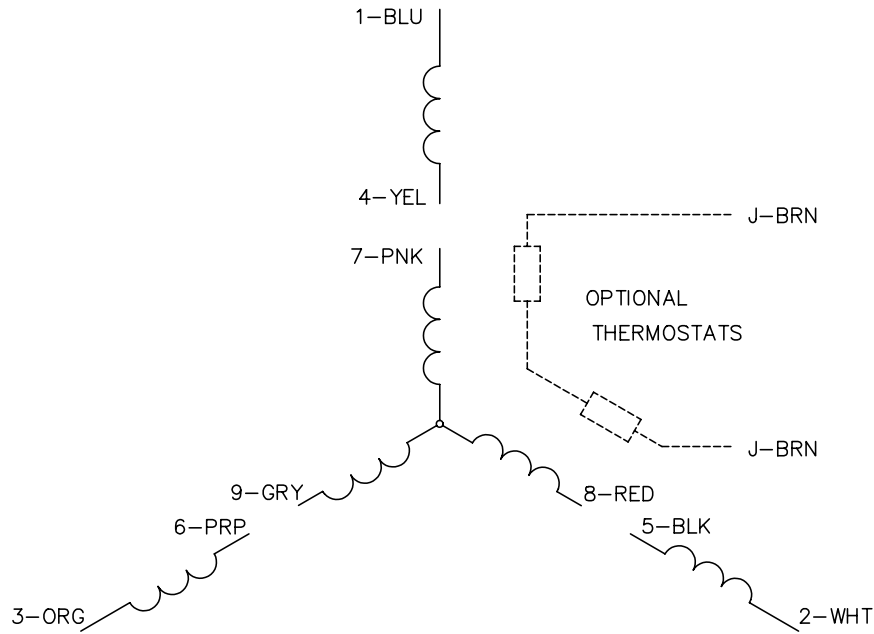
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	46	69	79	84	86	88	85
Efficiency	83.6	89.2	90.2	89.9	88.9	87.6	89.3
Speed	3579.3	3555.1	3530.2	3502.2	3470.9	3437	3483
Line amperes	6.07	7.67	9.85	12.4	15.2	18.3	14.1

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

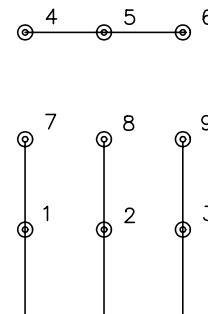




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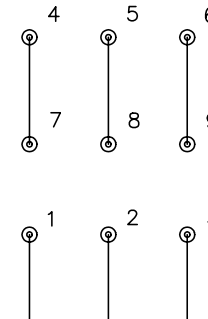


LOW VOLTAGE
(2Y)



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.

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			
REV. LTR: E	BY: JLP	REVISED: 01/19/99 10:15	TDR: 0171435
9000D		FILE: AAA00005140	MDL: -
		MTL: -	

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005