



Customer information packet

JML1510T

7.5HP, 1750RPM, 1PH, 60HZ, 3740LC, N

Class - None

Division - Not Applicable

Specifications

Enclosure	OPEN
Frame	213JM
Frame Material	Steel
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Cap Start, Cap Run
Output @ Frequency	7.500 HP @ 60 HZ
Phase	1
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ
Agency Approvals	CSA UR
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	33.000 A @ 230.0 V 35.500 A @ 208.0 V
Design Code	L
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	85.5 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	33.0 a
Insulation Class	F
Inverter Code	Not Inverter

Part detail

Revision	H
Type	AC
Mech. spec.	37K266
Base	
Status	PRD/A
Elec. spec.	37WGW003
Layout	37LYK266
Eff. date	05-13-2024
CD Diagram	CD0017A02
Poles	04
Leads	2#10 A PH,2#14 B PH
Proprietary	False
Created date	11-20-2020

KVA Code	E
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Quantity/Wire Size	2 @ 10 AWG, A PH
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3740LC
Mounting Arrangement	F1
Number of Poles	4
Overall Length	19.31 IN
Power Factor	87
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
Pulley Shaft Indicator	Tapped & Key
Rodent Screen	Included
Service Factor	1.15
Shaft Diameter	0.875 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	1750 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

NP1256L											
CAT.NO.	JML1510T										
SPEC.	37K266W003G1										
HP	7.5										
VOLTS	230										
AMP	33										
RPM	1750										
FRAME	215JM		HZ	60			PH	1			
SER.F.	1.15	CODE	E	DES	L	CLASS	F				
NEMA-NOM-EFF	85.5	PF	87								
RATING	40C AMB-CONT										
CC											
DE	6309		ODE	6206							
ENCL	OPEN	SN									

AC Induction Motor Performance Data

Record # 85588

Typical performance - not guaranteed values

Winding: 37WGW003-R001				Type: 3740LC		Enclosure: OPSB	
Nameplate Data				230 V, 60 Hz: Single Voltage Motor			
Rated Output (HP)		7.5		Full Load Torque		22.52 LB-FT	
Volts		230		Start Configuration		direct on line	
Full Load Amps		33		Breakdown Torque		49.18 LB-FT	
R.P.M.		1750		Pull-up Torque		39.04 LB-FT	
Hz		60		Phase		1	
NEMA Design Code		L		KVA Code		E	
Service Factor (S.F.)		1.15		No-load Current		11.57 A	
NEMA Nom. Eff.		85.5		Power Factor		87	
Rating - Duty		40C AMB-CONT		Temp. Rise @ Rated Load		73°C	
S.F. Amps				Temp. Rise @ S.F. Load		91°C	
				Locked-rotor Power Factor		76.5	
				Rotor inertia		0.984 lb-ft²	

Load Characteristics 230 V, 60 Hz, 7.5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	58	77	85	89	90	90	90
Efficiency	77.7	85	86	84.4	81.3	77.2	82.5
Speed	1788	1777	1765	1751	1732	1711	1740
Line amperes	13.69	18.43	24.76	32.37	41.61	52.25	37.9

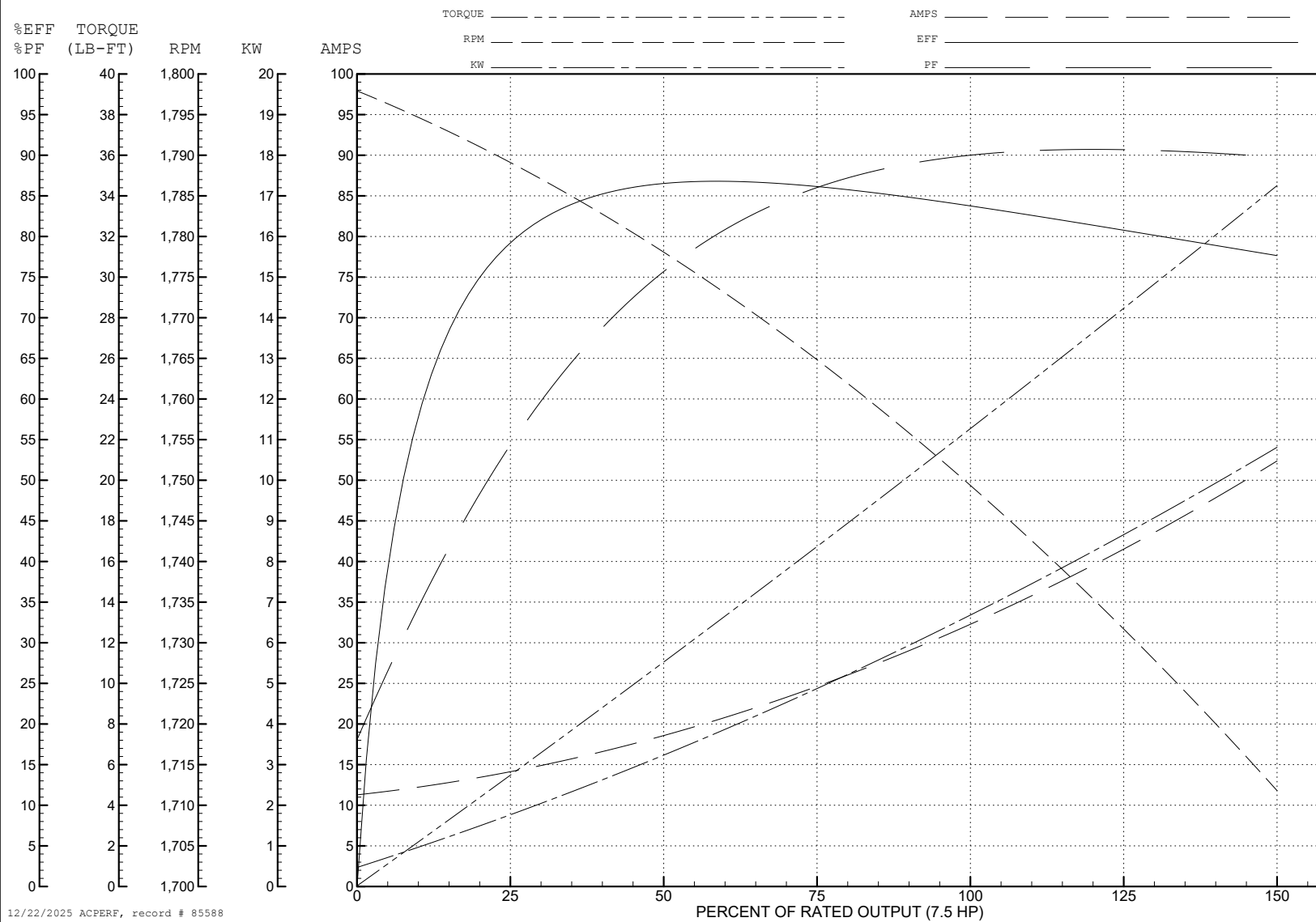
ABB Motors and Mechanical Inc.

WINDING # 37WGW003

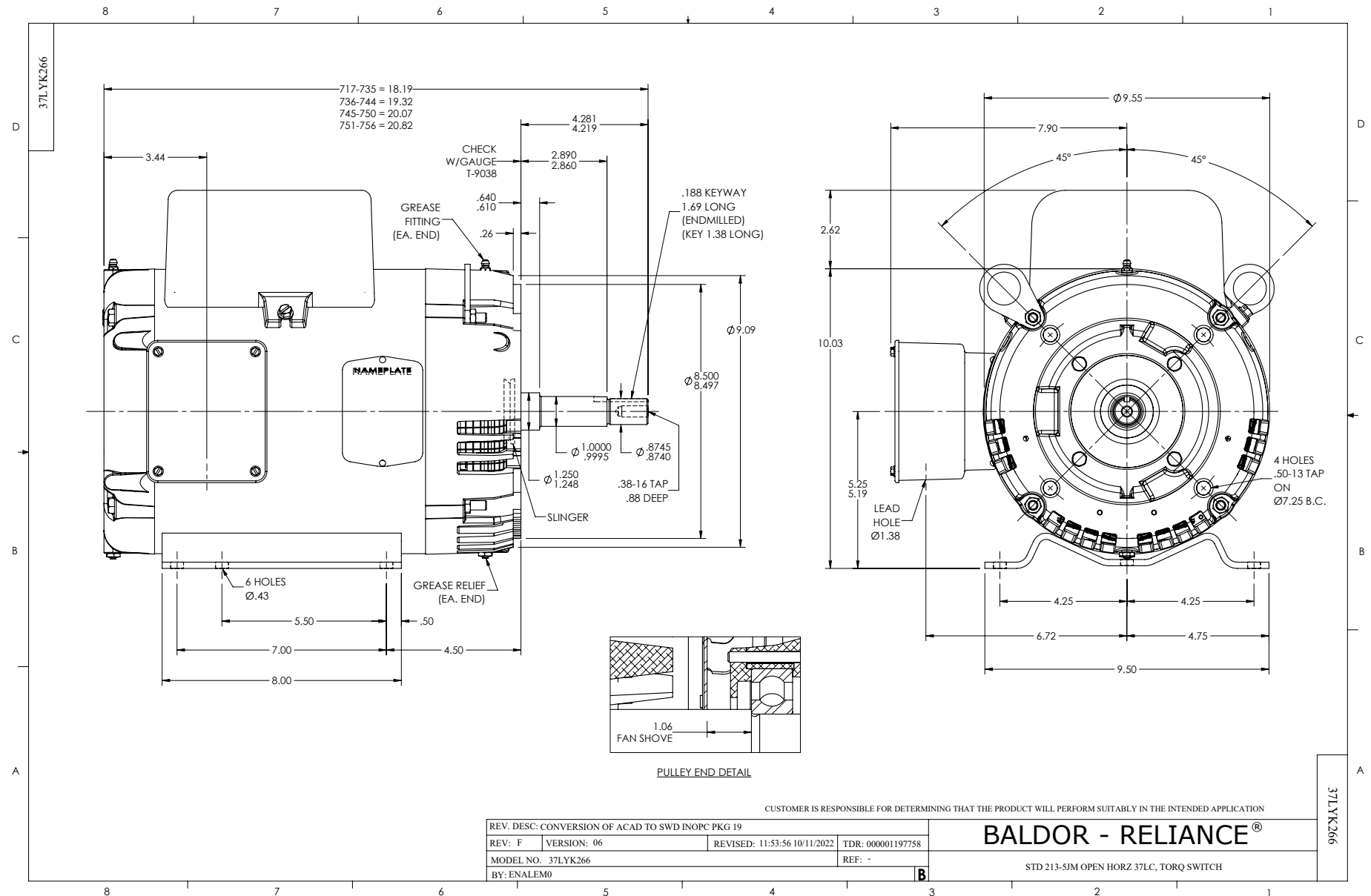
Typical performance - not guaranteed values.

7.5 HP 1 PH 60 HZ 1750 RPM 230 V 3740LC

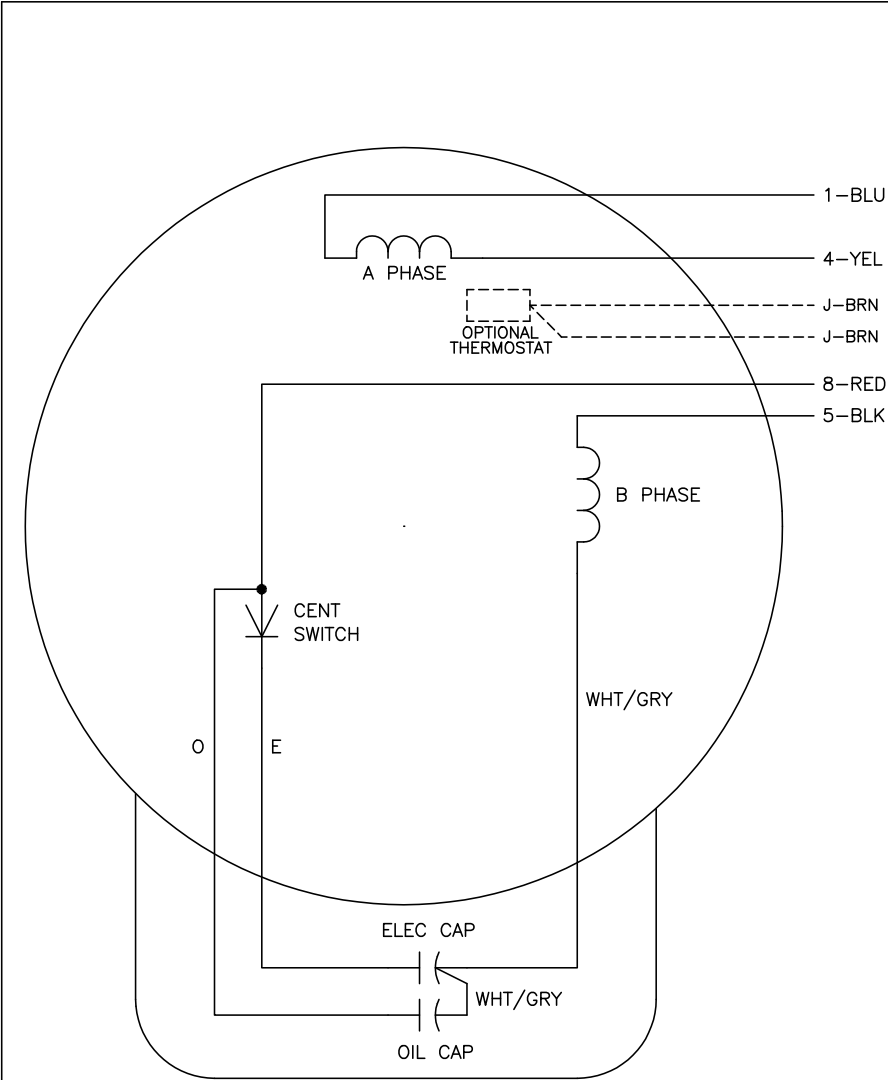
TORQUES (LB-FT): PO=49.18 PU=39.04 LR=49.82 LRA=181



12/22/2025 ACPERF, record # 85588



CD0017A02



	LINE A	LINE B
STD	1,8	4,5
OPP	1,5	4,8

- NOTES:
1. STANDARD ROTATION IS CCW FACING END OPPOSITE SHAFT EXTENSION.
 2. OPTIONAL THERMOSTAT IS PROVIDED WHEN SPECIFIED.
 3. MULTIPLE CAPACITORS ARE CONNECTED IN PARALLEL UNLESS OTHERWISE SPECIFIED.
 4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			
REV. LTR: B	BY: JLP	REVISED: 04/09/99 11:30	TDR: 0178636
CD0017A02		FILE: AAA00007514	MDL: -
		MTL: -	

BALDOR ELECTRIC Co.

TYPE LC, SV, REV, 4 LEADS

CD0017A02