ABB BALDOR RELIANCE

Customer information packet

UCM1014

10-15HP, 3450RPM, 3PH, 60HZ, 215Z, 3726M, OPEN
Class - None
Division - Not Applicable

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Specifications

Enclosure	OPEN
Frame	215Z
Frame Material	Steel
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	10.000 HP @ 60 HZ
	15.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	3600 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ
	230.0 V @ 60 HZ
	208.0 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	38.000 A @ 208.0 V
	36.000 A @ 230.0 V
	18.000 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	85.5 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Standard

Part Detail

Revision	AT
Type	AC
Mech. spec.	37E766
Base	
Status	PRD/A
Elec. spec.	37WGZ092
Layout	37LYE766
Eff. date	01-09-2026
CD Diagram	CD0005
Poles	02
Leads	9#14 32" FROM ADAPT Y
Proprietary	False
Created date	01-01-0001

Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	18.0 a
Insulation Class	F
Inverter Code	Not Inverter
KVA Code	H
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Exit	Pipe Or Pipe Adaptor
Motor Lead Quantity/Wire Size	9 @ 14 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3726M
Mounting Arrangement	F1
Number of Poles	2
Overall Length	16.69 IN
Power Factor	89
Product Family	General Purpose
Pulley End Bearing Type	Sealed Bearing
Pulley Face Code	Standard
Pulley Shaft Indicator	Tapped & Key
Rodent Screen	Included
Service Factor	1.00
Shaft Diameter	1.125 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	3450 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

NP1279L											
CAT.NO.	UCM1014										
SPEC.	37E766Z92										
HP	10-15 AIR OVER										
VOLTS	208-230/460										
AMP	38-36/18										
RPM	3450										
FRAME	215Z	**HZ**	60		**PH**	3					
SER.F.	1.00	**CODE**	H	**DES**	B		**CL**	F			
NEMA-NOM-EFF	85.5	**PF**	89								
RATING	40C AMB-CONT										
CC											
DE	6307	**ODE**	6206								
ENCL	OPEN	**SN**									

NP1263L								
CAT.NO.	UCM1014							
SPEC.	37E766Z92							
HP	10-15 AIR OVER							
VOLTS	208-230/460							
AMP	38-36/18							
RPM	3450							
FRAME	215Z	**HZ**	60	**PH**	3			
SER.F.	1.00	**CODE**	H	**DES**	B	**CL**	F	
NEMA-NOM-EFF	85.5	**PF**	89					
RATING	40C AMB-CONT							
CC								
DE	6307	**ODE**	6206					
ENCL	OPEN	**SN**						

Parts List

Part number	Description	Quantity
SA031067	SA 37E766Z92	1.000 ea
RA027106	RA 37E766Z92	1.000 ea
HA6011A01	ADAPTOR, MACH	1.000 ea
51XF2520A10	SCREW, HEX SER SLT HD, ZN, 1/4-20 X .62	2.000 ea
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 ea
HW3001B01	BRASS CUP WASHER, FOR #10 SCREW	1.000 ea
37EP3203C00	MASTER,ODE,206 BRG,2 GREASERS	1.000 ea
HW4500A19	1/4-28X1/4 SLOTTED PLUG F/S	2.000 ea
HA1104A01	RODENT SCREEN 37 FRAME 206 BRG FRONT END	1.000 ea
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	4.000 ea
10XN2520A28	1/4-20X 1 3/4 HEX HD	4.000 ea
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 ea
37EP3204C00	MASTER,DE,307 BRG,2 GREASERS,LOCKED BEAR	1.000 ea
HW4500A19	1/4-28X1/4 SLOTTED PLUG F/S	2.000 ea
HA1104A05	RODENT SCREEN 37 FRAME 207 BRG PULLEY EN	1.000 ea
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	2.000 ea
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 ea
XY3118A12	5/16-18 HEX NUT DIRECTIONAL SERRATION	4.000 ea
HW2501E18	KEY, 1/4 SQ X 2.000	1.000 ea
HA7000A02	KEY RETAINER RING, 1 1/8 DIA, 1 3/8 DIA	1.000 ea
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 ea
HW3200A01	3/8-16X3/4 EYEBOLT WELDED F/S	1.000 ea
HW1000A10	#10 FLAT WASHER (SAE)	4.000 ea
MJ1000A02	GREASE, POLYREX EM EXXON	0.050 lb
HW1000A10	#10 FLAT WASHER (SAE)	2.000 ea
LD5000A45	LEAD ASSY, ML1400DF10 W/#10 RING 36"	1.000 ea
HA3104A14	THRUBOLT- 5/16-18 X12.125(OHIO)	4.000 ea
MG1025C02	WILKOFAST SG, 787.105, TAN	0.028 ga
LB1001	LABEL, GREASE-EXXON POLYREX EM	1.000 ea
LC0145B01	CONNECTION LABEL	1.000 ea
NP1279L	ALUM FARM DUTY UL CSA CC	1.000 ea

NP1263L	AUX, GP, ALUM, CC, LASER ETCHED	1.000 ea
36PA1001	PKG GRP, PRINT PK1017A07	1.000 ea
MN416A01	TAG-INSTAL-MAINT no wire (2500 bx)11/25	1.000 ea
PE-0000004	ZRTG PE ASSEMBLY	1.000 ea
FE-0000004	ZRTG FE ASSEMBLY	1.000 ea
LB1624	COMBINED WARNING LABEL, ISO/ANSI PICTOGR	1.000 ea

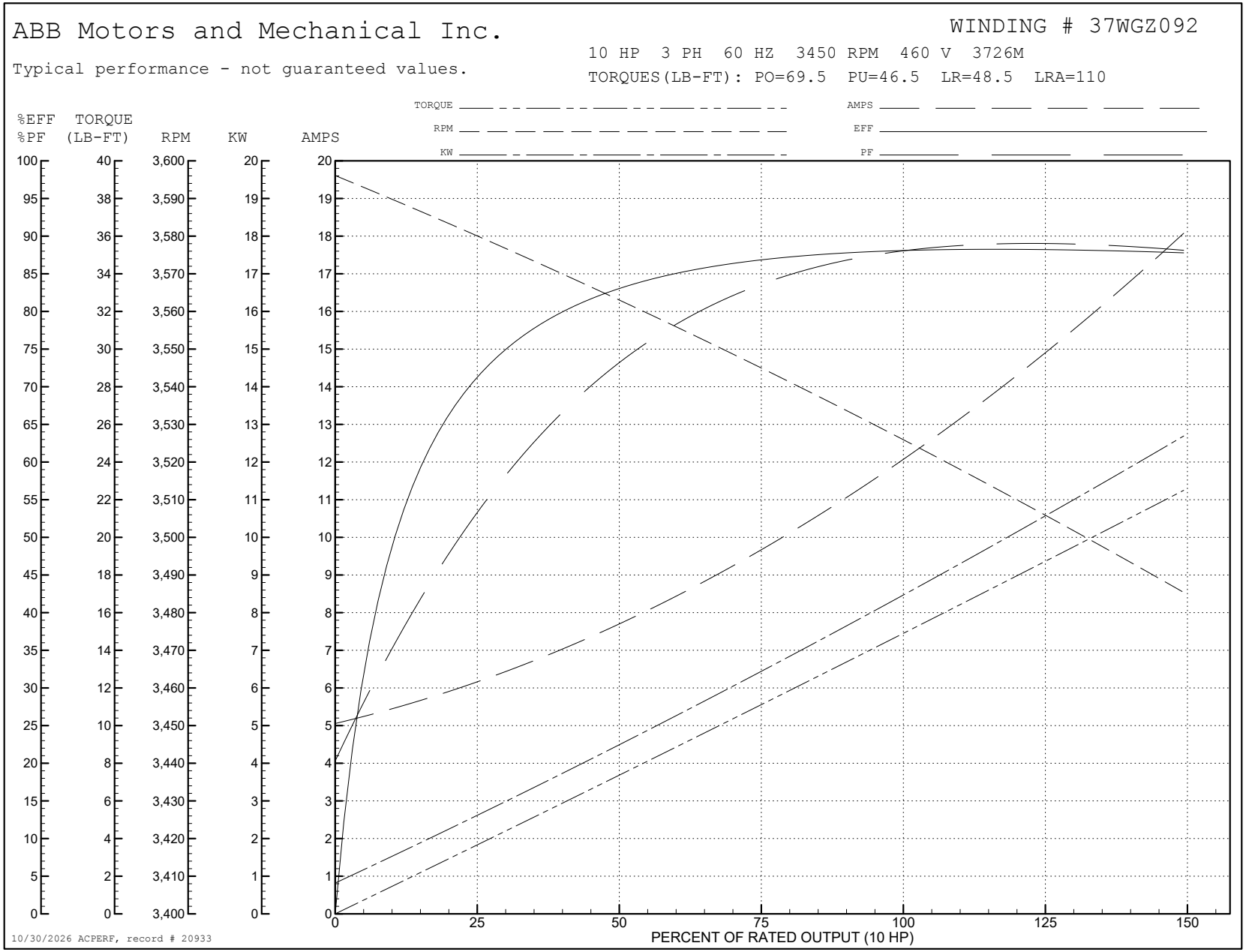
AC Induction Motor Performance Data
Record # 20933
Typical performance - not guaranteed values

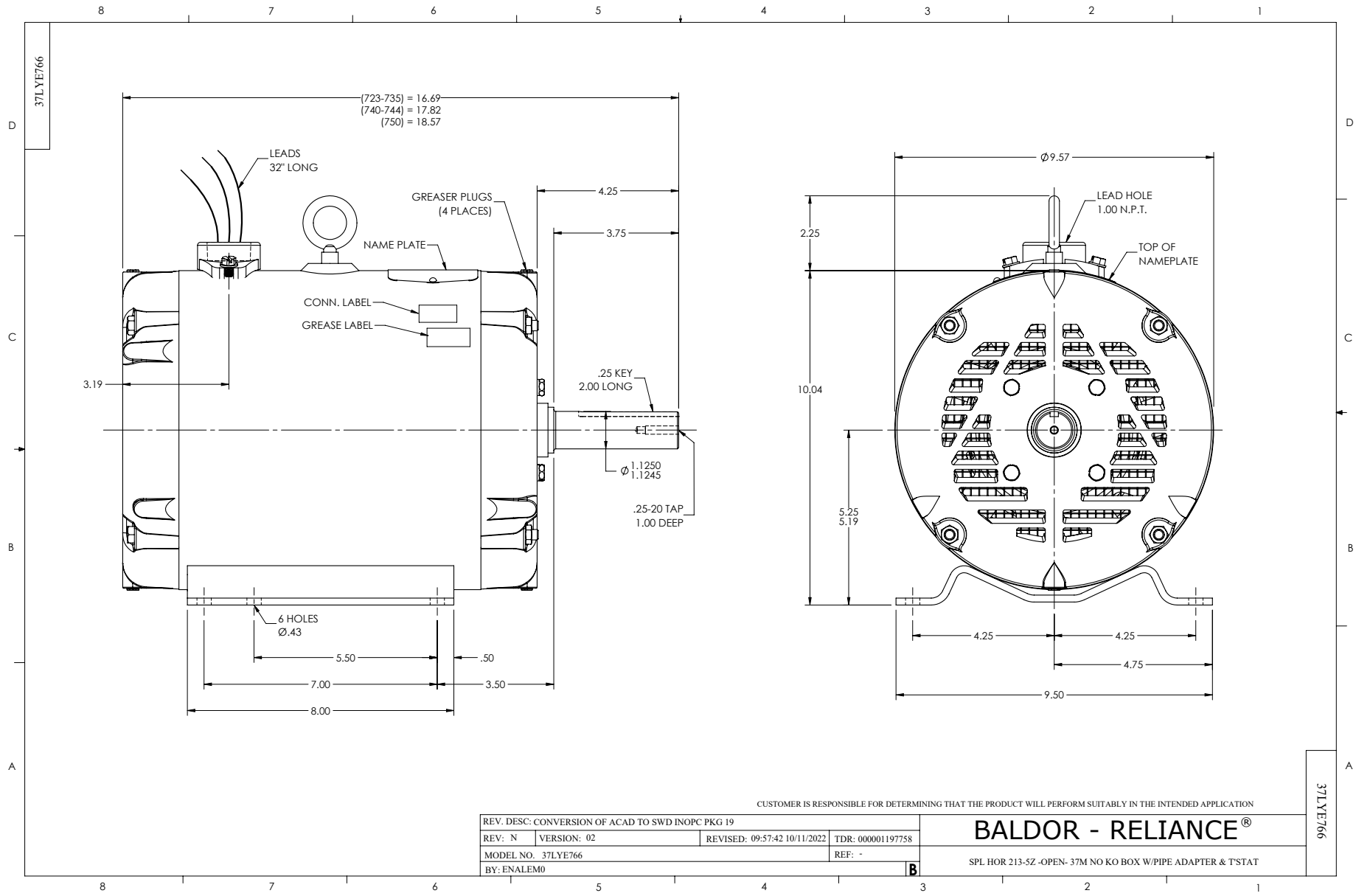
Winding: 37WGZ092-R002	**Type:** 3726M	**Enclosure:** OPAO

Nameplate Data				**460 V, 60 Hz: High Voltage Connection**	
Rated Output (HP)			10-15 AIR OVER	**Full Load Torque**	15 LB-FT
Volts			208-230/460	**Start Configuration**	direct on line
Full Load Amps			38-36/18	**Breakdown Torque**	69.5 LB-FT
R.P.M.			3450	**Pull-up Torque**	46.5 LB-FT
Hz	60	**Phase**	3	**Locked-rotor Torque**	48.5 LB-FT
NEMA Design Code	B	**KVA Code**	H	**Starting Current**	110 A
Service Factor (S.F.)			1	**No-load Current**	5.1 A
NEMA Nom. Eff.	85.5	**Power Factor**	89	**Line-line Res. @ 25ºC**	1.18 Ω
Rating - Duty			40C AMB-CONT	**Temp. Rise @ Rated Load**	

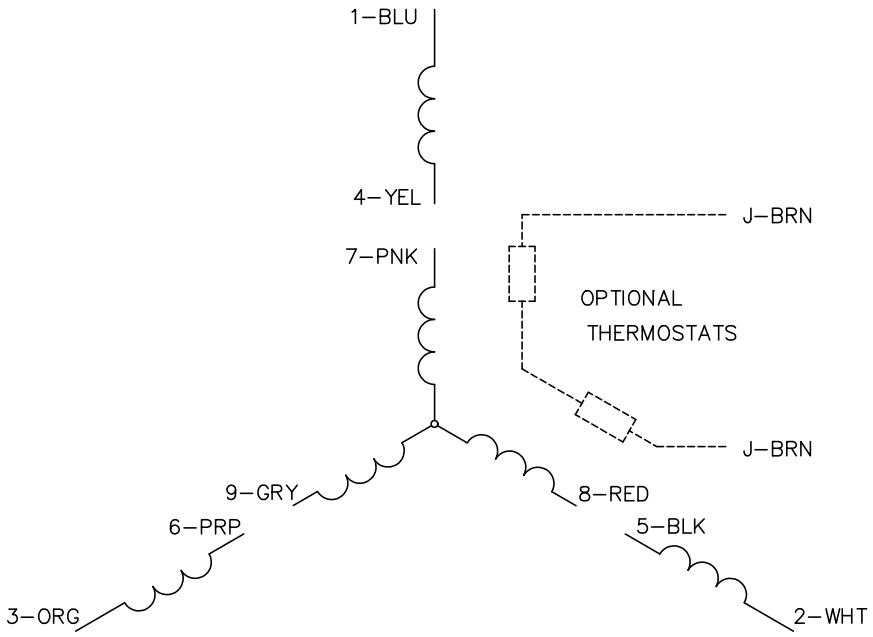
Load Characteristics 460 V, 60 Hz, 10 HP

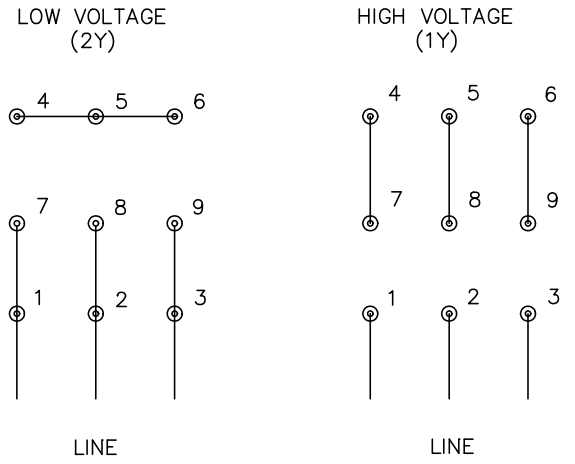
% of Rated Load	**25**	**50**	**75**	**100**	**125**	**150**
Power Factor	57	75	84	88	87	90
Efficiency	67	84.8	86.8	89	87.7	87.8
Speed	3580	3566	3542	3524	3506	3486
Line amperes	6.3	7.5	9.7	12.1	15.4	17.8


ABB Motors and Mechanical Inc.
WINDING # 37WGZ092
Typical performance - not guaranteed values.
10 HP 3 PH 60 HZ 3450 RPM 460 V 3726M
TORQUES(LB-FT): PO=69.5 PU=46.5 LR=48.5 LRA=110
TORQUE
RPM
KW
AMPS
EFF
PF
%EFF %PF
TORQUE (LB-FT)
RPM
KW
AMPS
PERCENT OF RATED OUTPUT (10 HP)
10/30/2026 ACPERF, record # 20933


37LYE766
(723-735) = 16.69
(740-744) = 17.82
(750) = 18.57
LEADS
32" LONG
GREASER PLUGS
(4 PLACES)
4.25
3.75
NAME PLATE
CONN. LABEL
GREASE LABEL
3.19
.25 KEY
2.00 LONG
Ø 1.1250
1.1245
.25-20 TAP
1.00 DEEP
6 HOLES
Ø.43
5.50
.50
7.00
3.50
8.00
Ø9.57
LEAD HOLE
1.00 N.P.T.
TOP OF
NAMEPLATE
2.25
10.04
5.25
5.19
4.25
4.25
4.75
9.50
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT THE PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION
REV. DESC: CONVERSION OF ACAD TO SWD INOPC PKG 19
REV: N
VERSION: 02
REVISED: 09:57:42 10/11/2022
TDR: 000001197758
MODEL NO. 37LYE766
REF: -
BY: ENALEM0
B
BALDOR - RELIANCE®
SPL HOR 213-5Z -OPEN- 37M NO KO BOX W/PIPE ADAPTER & T'STAT
37LYE766

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