



Customer information packet

UCM1014

10-15HP, 3450RPM, 3PH, 60HZ, 215Z, 3726M, OPEN

Class - None

Division - Not Applicable

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	AS
Type	AC
Mech. spec.	37E766
Base	
Status	PRD/A
Elec. spec.	37WGX092
Layout	37LYE766
Eff. date	01-02-2025
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								

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. @ 25°C		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





