



Product Information Packet

L1408T

3HP,1725RPM,1PH,60HZ,184T,3634LC,OPEN,F1

Part Detail							
Revision:	AS	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	36WG2759	CD Diagram:	CD0016A01	Mfg Plant:	
Mech. Spec:	36E002	Layout:	36LYE002	Poles:	04	Created Date:	
Base:	RG	Eff. Date:	11-02-2020	Leads:	4#14 A PH,3#16 B PH		

Specs			
Catalog Number:	L1408T	Heater Indicator:	No Heater
Enclosure:	OPEN	Insulation Class:	F
Frame:	184T	Inverter Code:	Not Inverter
Frame Material:	Steel	KVA Code:	H
Motor Letter Type:	Cap Start, Cap Run	Lifting Lugs:	No Lifting Lugs
Output @ Frequency:	3.000 HP @ 60 HZ	Locked Bearing Indicator:	No Locked Bearing
Synchronous Speed @ Frequency:	1800 RPM @ 60 HZ	Motor Lead Quantity/Wire Size:	4 @ 14 AWG, A PH
Voltage @ Frequency:	230.0 V @ 60 HZ	Motor Lead Exit:	Ko Box
	115.0 V @ 60 HZ	Motor Lead Termination:	Flying Leads
XP Class and Group:	None	Motor Type:	3634LC
XP Division:	Not Applicable	Mounting Arrangement:	F1
Agency Approvals:	CSA	Power Factor:	78
	UR	Product Family:	General Purpose
Auxillary Box:	No Auxillary Box	Pulley End Bearing Type:	Ball
Auxillary Box Lead Termination:	None	Pulley Face Code:	Standard
Base Indicator:	Rigid	Pulley Shaft Indicator:	Standard
Bearing Grease Type:	Polyrex EM (-20F +300F)	Rodent Screen:	None
Blower:	None	Shaft Extension Location:	Pulley End

Current @ Voltage:	16.800 A @ 208.0 V	Shaft Ground Indicator:	No Shaft Grounding
	32.000 A @ 115.0 V	Shaft Rotation:	Reversible
	16.000 A @ 230.0 V	Shaft Slinger Indicator:	No Slinger
Design Code:	L	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.	L1408T										
SPEC.	36E02-2759										
HP	3										
VOLTS	115/230										
AMP	32/16										
RPM	1725										
FRAME	184T				HZ		60			PH	1
SER.F.	1.15		CODE		H	DES		L	CLASS		F
NEMA-NOM-EFF	78		PF		78						
RATING	40C AMB-CONT										
CC			USABLE AT 208V								16.8
DE	6206			ODE		6205					
ENCL	OPEN		SN								

AC Induction Motor Performance Data

Record # 61451

Typical performance - not guaranteed values

Winding: 36WG2759-R003			Type: 3634LC		Enclosure: OPEN			
Nameplate Data			230 V, 60 Hz: High Voltage Connection					
Rated Output (HP)		3	Full Load Torque		9 LB-FT			
Volts		115/230	Start Configuration		direct on line			
Full Load Amps		32/16	Breakdown Torque		21 LB-FT			
R.P.M.		1725	Pull-up Torque		14.4 LB-FT			
Hz	60	Phase	1	Locked-rotor Torque		30.8 LB-FT		
NEMA Design Code		L	KVA Code	H	Starting Current		107 A	
Service Factor (S.F.)		1.15		No-load Current		8.5 A		
NEMA Nom. Eff.		78	Power Factor		78	Line-line Res. @ 25°C		4.156 Ω A Ph 0.586 Ω B Ph
Rating - Duty		40C AMB-CONT		Temp. Rise @ Rated Load		57°C		
S.F. Amps				Temp. Rise @ S.F. Load		72°C		

Load Characteristics 230 V, 60 Hz, 3 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	45	64	73	79	85	83	83
Efficiency	62.6	74.9	78.6	78	75	74.9	76.1
Speed	1788	1780	1769	1756	1733	1721	1742
Line amperes	9.1	10.4	15.8	16	19	23	17.8

Performance Graph at 230V, 60Hz, 3.0HP Typical performance - Not guaranteed values





