

ABB BALDOR RELIANCE III

Customer information packet

VJPFPM2539T

40HP, 1770RPM, 3PH, 60//50HZ, 324JP, 4052M, OP

Specifications

Enclosure	OPSB
Frame	324JP
Frame Material	Steel
Frequency	50.00 Hz 60.00 Hz
Motor Letter Type	Three Phase
Output @ Frequency	40.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ 460.0 V @ 60 HZ
Agency Approvals	CSA EEV UL
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Auxiliary Box Lead Termination	None
Base Indicator	No Mounting
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	49.000 A @ 460.0 V 98.000 A @ 230.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	93.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	49.0 a
Insulation Class	F
Inverter Code	Not Inverter
KVA Code	G

Part Detail

Revision	A
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	40GW486
Layout	40LY-000-069
Eff. date	08-01-2023
CD Diagram	CD0104
Poles	04
Leads	12#10
Proprietary	False
Created date	01-27-2021

Lifting Lugs	Vertical Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	4052M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	31.13 IN
Power Factor	83
Product Family	General Purpose
Pulley Face Code	C-Face
Rodent Screen	Included
Service Factor	1.15
Shaft Diameter	1.250 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Speed	1770 rpm
Speed Code	Single Speed
Starting Method	Full Voltage
Thermal Device - Bearing	None
Thermal Device - Winding	None
Vibration Sensor Indicator	No Vibration Sensor
Winding Thermal 1	None
Winding Thermal 2	None

Nameplate

NP3454L																
CAT.NO.	VJPFPM2539T				CUST P/N							I.P.	23			
SPEC.	40-0000-0197				SER.NO.							FRAME	324JP			
HZ	60	HP	40		RPM	1770		HZ	50		HP	30		RPM	1470	
VOLTS	230/460				CODE	G		VOLTS	190/380				CODE	G		
AMPS	98/49				DES	B		AMPS	90/45				DES	B		
EFF	93	SER.F.		1.15		PF	83		EFF	92.4		SER.F.	1.15		PF	82
RATING	40C AMB-CONT					DE BRG	6312				GREASE	POLYREX EM				
BLANK						ODE BRG	6309				MTR. WT.	380				
						CLASS	F			PH	3					
						ENCL	OPSB			CC	010A					
HTR-VOLTS					HTR-AMPS			HTR-WATTS								



