

ABB BALDOR RELIANCE III

Customer information packet VJPFPM2543T

50//40HP, 1770//1470RPM, 3PH, 60//50HZ, 326J

Specifications

Enclosure	OPSB
Frame	326JP
Frame Material	Steel
Frequency	50.00 Hz 60.00 Hz
Motor Letter Type	Three Phase
Output @ Frequency	50.000 HP @ 60 HZ 40.000 HP @ 50 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 50 HZ
Voltage @ Frequency	190.0 V @ 50 HZ 230.0 V @ 60 HZ 380.0 V @ 50 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	60.000 A @ 460.0 V 58.000 A @ 380.0 V 120.000 A @ 230.0 V 116.000 A @ 190.0 V
Design Code	B
Drip Cover	Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	93.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK

Part Detail

Revision	A
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	40WGX317
Layout	40LY-000-069
Eff. date	08-01-2023
CD Diagram	CD0104
Poles	04
Leads	12#8
Proprietary	False
Created date	02-09-2021

Heater Indicator	No Heater
High Voltage Full Load Amps	58.0 a
Insulation Class	F
Inverter Code	Not Inverter
KVA Code	F
Lifting Lugs	Vertical Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	4064M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	32.21 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.	VJPFPM2543T	CUST P/N		I.P.	23
SPEC.	40-0000-0199	SER.NO.		FRAME	326JP
HZ	60	HP	50	RPM	1770
				HZ	50
				HP	40
				RPM	1470
VOLTS	230/460	CODE	F	VOLTS	190/380
AMPS	120/60	DES	B	AMPS	116/58
EFF	93	SER.F.	1.15	PF	83
				EFF	92.4
				SER.F.	1.15
				PF	83
RATING	40C AMB-CONT	DE BRG	6312	GREASE	POLYREX EM
BLANK		ODE BRG	6309	MTR. WT.	378
		CLASS	F	PH	3
		ENCL	OPSB	CC	010A
HTR-VOLTS		HTR-AMPS		HTR-WATTS	



