

BALDOR® • RELIANCE®

Customer information packet

VJPFPM2542T-5

50HP, 3525RPM, 3PH, 60HZ, 324JP, 4044M, OPSB, F

Specifications

Enclosure	OPSB
Frame	324JP
Frame Material	Steel
Frequency	60.00 Hz
Motor Letter Type	Three Phase
Output @ Frequency	50.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	3600 RPM @ 60 HZ
Voltage @ Frequency	575.0 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	46.000 A @ 575.0 V
Design Code	B
Drip Cover	Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	92.4 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	46.0 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

Part detail

Revision	A
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	40WGX356
Layout	40LY-000-069
Eff. date	08-01-2023
CD Diagram	CD0382
Poles	02
Leads	6#8
Proprietary	False
Created date	02-09-2021

Motor Standards	NEMA
Motor Type	4044M
Mounting Arrangement	F1
Number of Poles	2
Overall Length	31.21 IN
Power Factor	87
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	3525 rpm
Speed Code	Single Speed
Starting Method	Wye Start - Delta Run
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.	VJPFPMP2542T-5			CUST P/N					I.P.	23	
SPEC.	40-0000-0207				SER.NO.					FRAME	324JP
HZ	60	HP	50	RPM	3525	HZ		HP		RPM	
VOLTS	575	CODE	F	VOLTS					CODE		
AMPS	46	DES	B	AMPS				DES			
EFF	92.4	SER.F.	1.15	PF	87	EFF		SER.F.		PF	
RATING	40C AMB-CONT			DE BRG	6312	GREASE	POLYREX EM				
BLANK				ODE BRG	6309	MTR. WT.	396				
		CLASS	F	PH	3						
		ENCL	OPSB	CC	010A						
HTR-VOLTS	HTR-AMPS		HTR-WATTS								



