

ABB BALDOR RELIANCE III

Customer information packet

VFSWDM3651T-E-G

3HP, 1760RPM, 3PH, 60HZ, 145TC, 3636M, TEFC, F1

Class - None

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	145TC
Frame Material	Stainless Steel
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	3.000 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 NEMA PREMIUM NEMA_PREMIUM UR
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	4.200 A @ 460.0 V 8.400 A @ 230.0 V
Design Code	A
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	89.5 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	4.2 a

Part Detail

Revision	B
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	36WGA0053
Layout	36LY-000-280
Eff. date	05-22-2023
CD Diagram	CD0005
Poles	04
Leads	9#16
Proprietary	False
Created date	10-14-2021

Insulation Class	H
Inverter Code	Not Inverter
KVA Code	K
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3636M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	17.59 IN
Power Factor	76
Product Family	WD All SS Encapsulated
Pulley Face Code	C-Face
Rodent Screen	None
Service Factor	1.15
Shaft Diameter	0.875 IN
Shaft Ground Indicator	Shaft Grounding
Shaft Rotation	Reversible
Speed	1760 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None
Vibration Sensor Indicator	No Vibration Sensor
Winding Thermal 1	None
Winding Thermal 2	None

Nameplate

NP4292M01									
CAT.NO.	VFSWDM3651T-E-G								
SPEC.	36-0000-3588								
HP	3								
VOLTS	230/460								
AMPS	8.4/4.2								
R.P.M.	1760								
FRAME	145TC			HZ	60		PH	3	
SER.F.	1.15		CODE	K	DES.	A	CLASS	H	
NEMA NOM. EFF.	89.5			P.F.	76				
RATING	40C AMB-CONT								
CC	010A		USABLE AT 208V					N/A	
DE	6207			ODE	6206				
ENCL	TEFC	SN							
	4:1 CT, 10:1VT IP69								





