

ABB BALDOR RELIANCE III

Customer information packet

VEM31157

2HP, 1750RPM, 3PH, 60HZ, 56C, 3526M, OPEN, F1, N

Class - None

Division - Not Applicable

Specifications

Enclosure	OPEN
Frame	56C
Frame Material	Steel
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	2.000 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	CURUSEEV
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	5.800 A @ 208.0 V 5.200 A @ 230.0 V 2.600 A @ 460.0 V
Design Code	B
Drip Cover	Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	86.5 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	2.6 a
Insulation Class	F

Part Detail

Revision	-
Type	AC
Mech. spec.	35E4017
Base	
Status	PRD/A
Elec. spec.	35WGZ165
Layout	35LYE4017
Eff. date	02-19-2026
CD Diagram	CD0005
Poles	04
Leads	9#18
Proprietary	False
Created date	11-06-2025

Inverter Code	Inverter Ready
KVA Code	K
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Quantity/Wire Size	9 @ 18 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3526M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	13.22 IN
Power Factor	82
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
Pulley Shaft Indicator	Standard
Rodent Screen	None
Service Factor	1.15
Shaft Diameter	0.625 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1750 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

NP3155LUA											
CAT.NO.	VEM31157										
SPEC.	35E4017Z165G1										
HP	2										
VOLTS	230/460										
AMPS	5.6/2.8										
RPM	1760										
FRAME	56C		HZ	60				PH	3		
SF	1.15		CODE	K	DES	B		CLASS	F		
F.L. AVG. EFF.	86.5		PF	78							
RATING	40C AMB-CONT										
CC											
DE	6205		ODE	6203							
ENCL	OPEN		SN								
USABLE AT	2HP 50HZ 190/380V 6.6/3.3A									SF1.0	



