

ABB BALDOR RELIANCE III

Customer information packet

IDVSNM3582T

1HP, 1170RPM, 3PH, 60HZ, 145TC, 0532M, TENV, F1

Class - None

Division - Not Applicable

Specifications

Enclosure	TENV
Frame	145TC
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	1.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ 460.0 V @ 60 HZ
Agency Approvals	UR CSA
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Auxiliary Box Lead Termination	None
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	1.900 A @ 460.0 V 3.800 A @ 230.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	82.5 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	1.9 a
Insulation Class	F

Part Detail

Revision	B
Type	AC
Mech. spec.	05E534
Base	
Status	PRD/A
Elec. spec.	05WGX576
Layout	05LYE534
Eff. date	08-19-2026
CD Diagram	CD0005
Poles	06
Leads	9#18
Proprietary	False
Created date	09-09-2022

Inverter Code	Not Inverter
IP Rating	NONE
KVA Code	L
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Max Speed	1800 rpm
Motor Lead Quantity/Wire Size	9 @ 18 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	0532M
Mounting Arrangement	F1
Number of Poles	6
Overall Length	14.65 IN
Power Factor	61
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
Pulley Shaft Indicator	Standard
Rodent Screen	None
Service Factor	1.00
Shaft Diameter	0.875 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1170 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	Normally Closed Thermostat
Vibration Sensor Indicator	No Vibration Sensor
Winding Thermal 1	None
Winding Thermal 2	None

Nameplate

NP4564L									
CAT.NO.	IDVSNM3582T								
SPEC.	05E534X576G1								
FRAME	145TC	H.P.		1					
VOLTS	230/460								
MAG. CUR.	2.6/1.3			F.L. AMPS			3.8/1.9		
R.P.M.	1170	R.P.M. MAX				1800			
HZ.	60	PH.	3	CLASS		F			
SER.F.	1.00	SL HZ		1.5					
NEMA NOM. EFF.	82.5	WK2		0.232					
RATING	40C AMB-CONT							ENCL	TENV
DE	6205	ODE		6203					
CC	010A	SN							
	1000:1 CT/VT								



