

ABB BALDOR RELIANCE III

Customer information packet

CSPM3218T

5HP, 1755RPM, 3PH, 60HZ, 184TC, 3648M, OPSB, F1

Class - None

Division - Not Applicable

Specifications

Enclosure	OPSB
Frame	184TC
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	5.000 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	WEEE NEMA PREMIUM 4
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	13.200 A @ 230.0 V 6.600 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	91.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	6.6 a
Insulation Class	F

Part Detail

Revision	B
Type	AC
Mech. spec.	36P419
Base	
Status	PRD/A
Elec. spec.	36WGZ629
Layout	36LYP419
Eff. date	11-19-2025
CD Diagram	CD0005
Poles	04
Leads	9#16
Proprietary	False
Created date	01-02-2024

Inverter Code	Inverter Duty
KVA Code	J
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Max Speed	2700 rpm
Motor Lead Quantity/Wire Size	9 @ 16 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3648M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	16.93 IN
Power Factor	78
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
Pulley Shaft Indicator	Standard
Rodent Screen	None
RoHS Status	ROHS COMPLIANT
Service Factor	1.15
Shaft Diameter	1.125 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1755 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

NP4423A01A01L															
CAT #	CSPM3218T					WGT	101	LBS							
SPEC	36P419Z629					ENCL	OPSB								
SER #						CC	010A	IP	23						
HP	5					MAG CUR	6.4/3.2								
VOLTS	230/460									NEMA NOM. EFF	91				
AMPS	13.2/6.6							PF	78						
RATING	40C AMB-CONT														
RPM	1755									MAX RPM	2700				
FRAME	184TC	HZ		60				CODE	J	CLASS		F			
SER.F.	1.15	SF AMP		14.8/7.4					PH	3	DES	B			
DE	6206			ODE		6205									
LUBRICATION	POLYREX EM														
ID LOGO	INVERTER TYPE				VPWM		CHP	60	TO	90	1.5:1				
ID LOGO	WK2	0.447	CT	6	TO	60	10:1								
ID LOGO	SL HZ	1.5	VT	3	TO	60	20:1								
							QR								
YR															



