

ABB BALDOR RELIANCE III

Customer information packet

SUL50104SM

1HP, 1730RPM, 1PH, 60HZ, 180TY, XPNV, V1

Class - CLI GP C,D

Division - Not Applicable

Specifications

Enclosure	XPNV
Frame	180TY
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	CLI GP C,D
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Phase	1
Agency Approvals	CCSA US
	CSA
	UL
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Cable Length	25 FOOT
Design Code	L
Drip Cover	No Drip Cover
Duty Rating	CONT
Haz Area Temp Code	T3C
Heater Indicator	No Heater
Insulation Class	F
Inverter Code	Not Inverter
KVA Code	L
Lifting Lugs	Standard Lifting Lugs
Motor Standards	NEMA
Motor Type	M
Mounting Arrangement	V1
Number of Poles	4
Product Family	Pump - Centrifugal
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Service Factor	1.15
Shaft Diameter	0.875 IN

Part Detail

Revision	B
Type	AC
Mech. spec.	
Base	
Status	INA/A
Elec. spec.	A00082D N 007
Layout	066930-701
Eff. date	04-27-2022
CD Diagram	
Poles	04
Leads	
Proprietary	False
Created date	11-09-2018

Shaft Rotation	Reversible: Connected OPP STD
Shaft Slinger Indicator	No Slinger
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Winding	Normally Closed Thermostat

Nameplate

000613007MN										
CAT NO	SUL50104SM		SPEC NO.		S18-A000-0287					
HP	1	AMPS	8.10		VOLTS		230		DESIGN	-
FRAME SIZE	180TY		RPM	1730		HZ	60	AMB	40	SF 1.15
D.E. BRG.	50BC02JPP30A			PH	1	DUTY		15MIN		INSUL F
O.D.E. BRG.	25BC02JPG30A			TYPE	CS	ENCL		TENV		CODE L
SER.NO.				POWER FACTOR			NEMA-NOM-EFF			
				MAX CORR KVAR			GUARANTEED EFFICIENCY			
				NEMA NOM/CSA QUOTED EFF @						100% LOAD
				MOTOR WEIGHT			240	LBS.		
	FINAL CONN VOLTAGE = 230 *15									
	MIN IN AIR ;SUB. IN SEWAGE /									
WATER ONLY MAXDEPTH IN MANUAL										

000692000MB		
CONTROL BOX 701455-23F		
MODEL # S18-A000-0287		
1 HP ; 1730 RPM ; 230 VOLTS;		
8.1 AMPS ; 60 HZ ; 1 PHASE;		
W/D 414711-1A		
FINAL CONNECT AT 230V		
DO NOT MOUNT IN HAZARDOUS LOCATION		

000613007MR

CAT NO	SUL50104SM		SPEC NO.		S18-A000-0287					
HP	1	AMPS	8.10		VOLTS		230		DESIGN	-
FRAME SIZE	180TY		RPM	1730		HZ	60	AMB	40	SF 1.15
D.E. BRG.	50BC02JPP30A			PH	1	DUTY		15MIN		INSUL F
O.D.E. BRG.	25BC02JPG30A			TYPE	CS	ENCL		TENV		CODE L
				POWER FACTOR			NEMA-NOM-EFF			
				MAX CORR KVAR			GUARANTEED EFFICIENCY			
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SER.NO.					MOTOR WEIGHT		240		LBS.	
				FINAL CONN VOLTAGE = 230 *15						
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				WATER ONLY MAXDEPTH IN MANUAL						

