



Customer information packet

SUM70204SM-8

2HP, 1755RPM, 3PH, 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	3
Agency Approvals	CCSA US
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Haz Area Temp Code	T3C
Heater Indicator	No Heater
Insulation Class	F
Inverter Code	Not Inverter
IP Rating	NONE
KVA Code	K
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
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger

Part detail

Revision	B
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	85827
Layout	619738-002
Eff. date	12-10-2024
CD Diagram	
Poles	///
Leads	
Proprietary	False
Created date	11-30-2021

Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Winding	Normally Closed Thermostat

Nameplate

000613007MS											
CAT.NO.	SUM70204SM-8		SPEC NO.		S18-CWS0-0018						
SER.NO.				FRAME SIZE		180TY					
CONSTANT HP RPM	HP	RPM	VOLTS		AMPS		HZ		S.F.		
	2	1755	200/400		7/3.5		6-60		1.00		
	2	1755	200/400		7/3.5		60		1.15		
			@		HZ	CODE	K				
	TYPE	P	INSUL.CLASS		F	TORQUE		10:1_VT		DESIGN	B
	D.E. BRG.	50BC02JPP30A		ENCL	TENV		DUTY	15 MIN		PH	3
	O.D.E. BRG.	25BC02JPG30A		MOTOR WEIGHT					AMB	40	
FINAL CONN VOLTAGE = 200 *15											
MIN IN AIR ;SUB. IN SEWAGE /											
WATER ONLY											

000613007RC		
CLASS I GROUP	C D X	NO.
CLASS II GROUP	X X X	
OPERATING TEMP CODE	T3C	

000692000MB	
SUITABLE FOR OPERATION ON PWM	
INVERTER EQUIPPED WITH IGBT	
DEVICES AND CAPABLE OF	
CARRIER	
FREQUENCY OF 2 KHZ MINIMUM	

000613007MS

CONSTANT HP RPM	CAT.NO.	SUM70204SM-8		SPEC NO.	S18-CWS0-0018			
	SER.NO.				FRAME SIZE	180TY		
		HP	RPM	VOLTS	AMPS	HZ	S.F.	
		2	1755	200/400	7/3.5		6-60	1.00
		2	1755	200/400	7/3.5		60	1.15
		@		HZ	CODE	K		
	TYPE	P	INSUL.CLASS		F	TORQUE	10:1_VT	
	D.E. BRG.	50BC02JPP30A			ENCL	TENV	DUTY	15 MIN
	O.D.E. BRG.	25BC02JPG30A			MOTOR WEIGHT		AMB	40
		FINAL CONN VOLTAGE = 200 *15						
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