ABB BALDOR RELIANCE

Customer information packet

SUL50154SM

1HP, 1735RPM, 1PH, 60HZ, 180TY, XPNV, V1
Class - CLI GP C,D
Division - Not Applicable

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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	M
Lifting Lugs	Standard Lifting Lugs
Motor Standards	NEMA
Motor Type	M
Mounting Arrangement	V1
Number of Poles	6
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.	A00081B E 004
Layout	066930-701
Eff. date	04-27-2022
CD Diagram	
Poles	04
Leads	
Proprietary	False
Created date	11-12-2018

Shaft Rotation	Fixed Opposite Standard
Shaft Slinger Indicator	No Slinger
Speed Code	Single Speed
Starting Method	Full Voltage
Thermal Device - Winding	Normally Closed Thermostat

Nameplate

000613007MN												
CAT NO	SUL50154SM		**SPEC NO.**	S18-A000-0289								
HP	1.5	**AMPS**	10.6		**VOLTS**	230		**DESIGN**	L			
FRAME SIZE	180TY	**RPM**	1735	**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**	M			
			POWER FACTOR					**NEMA-NOM-EFF**				
			MAX CORR KVAR					**GUARANTEED EFFICIENCY**				
			NEMA NOM/CSA QUOTED EFF @					**100% LOAD**				
SER.NO.			**MOTOR WEIGHT**	291	**LBS.**							
	FINAL CONN VOLTAGE = 230 *15											
	MIN IN AIR ;SUB. IN SEWAGE /											
	WATER ONLY MAXDEPTH IN MANUAL											

000692000MB
CONTROL BOX 701455-23K
MODEL # S18-A000-0289
1 HP ; 1735 RPM ; 230 VOLTS;
10.6 AMPS ; 60 HZ ; 1 PHASE;
W/D 414711-1A
FINAL CONNECT AT 230V
DO NOT MOUNT IN HAZARDOUS
LOCATION

000613007MR

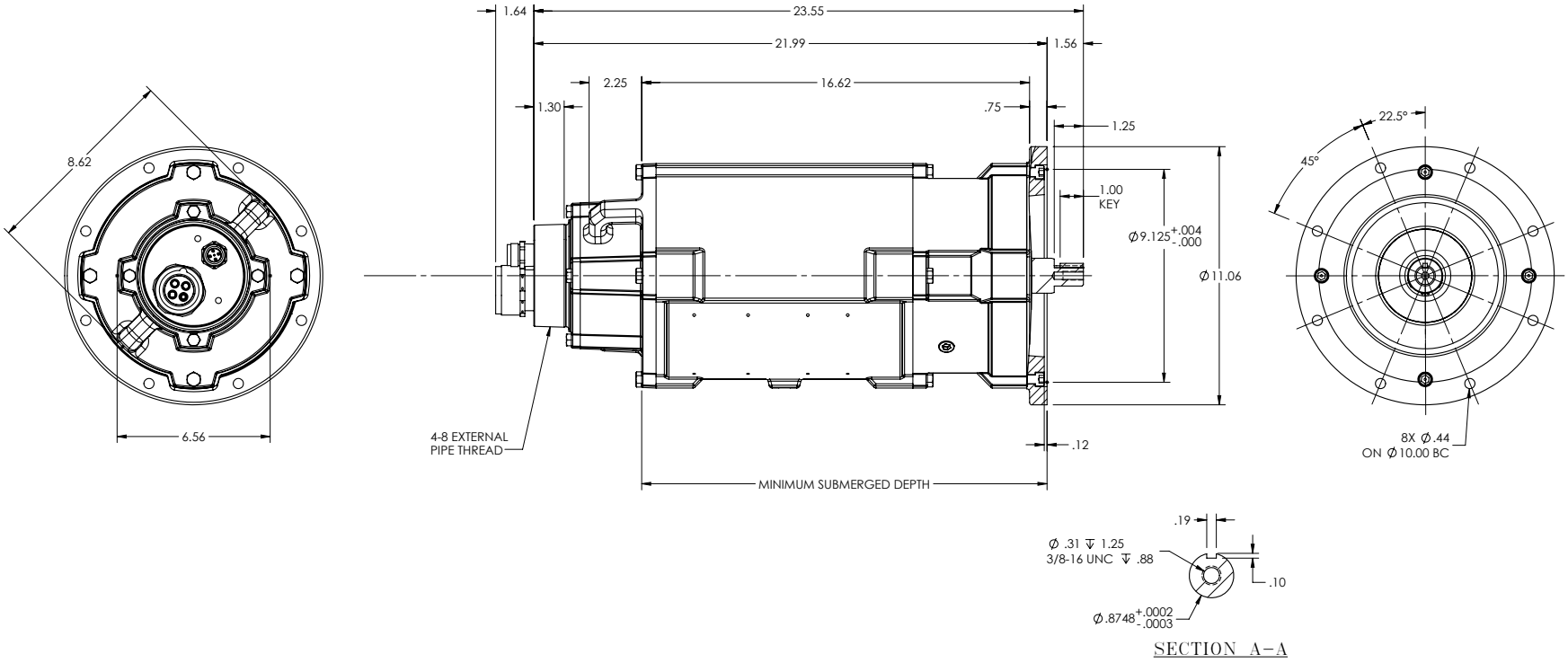
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DUTY MASTER ALTERNATING CURRENT MOTORS

SQUIRREL-CAGE INDUCTION
ENCLOSURE: TOTALLY ENCLOSED

SUBMERSIBLE
ONE SIZE SMALLER FLANGE AND SHAFT

066930-701



SECTION A–A

NOTES:
1. FACE RUNOUT AND ECCENTRICITY .008 MAX T.I.R.
2. PROTECTIVE CONDUIT FURNISHED BY CUSTOMER
3. WEIGHT (LBS): 200
4. PROVIDED WITH CABLE CONNECTOR TO LENGTH OF CABLE AS REQUESTED BY CUSTOMER

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION

REV. DESC: CHANGE LAB/OFFICE FROM 102 TO 018			
REV: A	VERSION: 01	REVISED: 08:40:43 06/02/2021	TDR: 000001164667
MODEL NO. 066930-701			REF: -
BY: USWATUR			B

BALDOR

DIM SHT 180TY SUB,1 SIZE SMALLER FLG/SH WITH CABLE CONNECTOR

066930-701