

**BALDOR® • RELIANCE** 

**Product Information Packet**

**SUL50304SM**

**3HP,1800RPM,1PH,60HZ,180TY,TENV,FOOTLES**

Part Detail							
Revision:	-	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	A00008B E 011	CD Diagram:		Mfg Plant:	
Mech. Spec:		Layout:	066930-500	Poles:	04	Created Date:	04-09-2015
Base:		Eff. Date:	04-13-2015	Leads:			

Specs			
Catalog Number:	SUL50304SM		
Enclosure:	XPNV		
Frame:	180TY		
Frame Material:	Iron		
Output @ Frequency:	3.000 @ 60 HZ		
Voltage @ Frequency:	115 V @ 60 HZ		
	230 V @ 60 HZ		
XP Class and Group:	CLI GP C,D		
XP Division:	Division I		
Agency Approvals:	CCSA US		
	CSA		
	UL		
Base Indicator:	No Mounting		
Bearing Grease Type:	Polyrex EM (-20F +300F)		
Current @ Voltage:	20.0 A @ 230 V		
	40.0 A @ 115 V		
Design Code:	L		
Drip Cover:	No Drip Cover		

<b>Duty Rating:</b>	15 MIN		
<b>Heater Indicator:</b>	No Heater		
<b>Insulation Class:</b>	F		
<b>Inverter Code:</b>	Inverter Ready		
<b>KVA Code:</b>	J		
<b>Lifting Lugs:</b>	Vertical Lifting Lugs		
<b>Mounting Arrangement:</b>	V1		
<b>Product Family:</b>	Other		
<b>Pulley End Bearing Type:</b>	Ball		
<b>Pulley Face Code:</b>	P-Base		
<b>Shaft Rotation:</b>	Fixed Standard		
<b>Shaft Slinger Indicator:</b>	No Slinger		
<b>Speed Code:</b>	Single Speed		
<b>Motor Standards:</b>	NEMA		
<b>Starting Method:</b>	Direct on line		
<b>Thermal Device - Winding:</b>	Normally Closed Thermostat		
<b>XP Temp Code:</b>	T3C		

Nameplate 000613007AC		
CLASS I GROUP	C D X	NO. <input type="text"/>
CLASS II GROUP	X X X	
OPERATING TEMP CODE	T3C	

<b>Nameplate 000613007MN</b>									
<b>CAT NO</b>	SUL50304SM		<b>SPEC NO.</b>	C18G2703					
<b>HP</b>	3	<b>AMPS</b>	40.0/20.0		<b>VOLTS</b>	115/ 230		<b>DESIGN</b>	L
<b>FRAME SIZE</b>	X0180TY	<b>RPM</b>	1725		<b>HZ</b>	60	<b>AMB</b>	40	
<b>D.E. BRG.</b>	50BC02JPP30A		<b>PH</b>	1	<b>DUTY</b>	*		<b>INSUL</b>	F
<b>O.D.E. BRG.</b>	25BC02JPG30A		<b>TYPE</b>	CS	<b>ENCL</b>	TENV		<b>CODE</b>	J
			<b>POWER FACTOR</b>			<b>NEMA-NOM-EFF</b>			
			<b>MAX CORR KVAR</b>			<b>GUARANTEED EFFICIENCY</b>			
					<b>NEMA NOM/CSA QUOTED EFF @</b>	100% LOAD			
<b>SER.NO.</b>			<b>MOTOR WEIGHT</b>	260		<b>LBS.</b>			
	*15 MIN IN AIR ",SUB. IN								
	WATER" ONLY; FINAL CONN @230V;								
	MAX DEPTH-REF TO INSTR MAN								

<b>Nameplate 000613007MR</b>									
<b>CAT NO</b>	SUL50304SM		<b>SPEC NO.</b>	C18G2703					
<b>HP</b>	3	<b>AMPS</b>	40.0/20.0		<b>VOLTS</b>	115/ 230		<b>DESIGN</b>	L
<b>FRAME SIZE</b>	X0180TY	<b>RPM</b>	1725		<b>HZ</b>	60	<b>AMB</b>	40	
<b>D.E. BRG.</b>	50BC02JPP30A		<b>PH</b>	1		<b>DUTY</b>	*		
<b>O.D.E. BRG.</b>	25BC02JPG30A		<b>TYPE</b>	CS		<b>ENCL</b>	TENV		
			<b>POWER FACTOR</b>						
			<b>MAX CORR KVAR</b>						
			<b>NEMA NOM/CSA QUOTED EFF @</b>						
<b>SER.NO.</b>			<b>MOTOR WEIGHT</b>	260		<b>LBS.</b>		<b>GUARANTEED EFFICIENCY</b>	
								<b>100% LOAD</b>	
	*15 MIN IN AIR ", SUB. IN								
	WATER" ONLY; FINAL CONN @230V;								
	MAX DEPTH-REF TO INSTR MAN								

<b>Nameplate 000692000MB</b>	
CW ROTATION: C18G2703L	

**Nameplate 000692000MB**

CONTROL BOX 701455002D

MODEL NUMBER C18G2703

HP 3 RPM 1725 VOLTS 115/230

AMPS 40.0/20.0 HZ 60

PHASE 1

W/D 413450-12

FINAL CONNECT AT 230V

DO NOT MOUNT IN HAZARDOUS LOCATION



Parts List		
Part Number	Description	Quantity
SA297501	SA C18G2703	1.000 EA
RA284470	RA C18G2703	1.000 EA
000613007AC	UL NAMEPLATE FOR HAZARDOUS LOCATIONS	1.000 EA
000613007MN	NP,MEDIUM AC,NO CERT,STD INDUSTRIAL	1.000 EA
000613007MR	NP, MEDIUM AC, CSA, STD INDUSTRIAL	1.000 EA
000692000EJ	NAME PLATE	1.000 EA
000901001AA	LABEL WARNING	1.000 EA
000692000MB	BALDOR RELIANCE MOTOR DATA NAMEPLATE	1.000 EA
034692002AE	HCSPP 1/4" 304 S.S.	1.000 EA
004824015A	GREASE POLYREX EM	1.000 LB
000692000MB	BALDOR RELIANCE MOTOR DATA NAMEPLATE	1.000 EA
032018010CG	HHCS 3/8-16X1-1/4L 316SS	4.000 EA
032130008CC	HSHCS 3/8-16 X 1.00" L	4.000 EA
032620020JD	HSSS 10-24X5/8L 304S.S.	1.000 EA
034692003AE	PPLG 3/8" 304 S.S.	2.000 EA
047174005B	SNAP RING	1.000 EA
047174005C	SNAP RING	1.000 EA
064262012B	SEAL	1.000 EA
064262012C	SEAL	1.000 EA
088204001AA	BRKT,DE,180SUB 88204-1WA	1.000 EA
088205001AA	SUB PLT 180 88205-1WC	1.000 EA
413412004A	SUBM MOISTURE PROBE	2.000 EA
413412005R	LEAD WIRE ASSY(BLANKET	1.000 EA
413480001R	RESISTOR ASSEMBLY-BLANKET	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
421900124FU	ORING	1.000 EA
421900124FU	ORING	1.000 EA
603760001AA	LABYRINTH	1.000 EA
032018006BM	HHCS 5/16-18X3/4 PLTGRN.	1.000 EA
032018008BG	HHCS 5/16-18X1 BRASS-447	4.000 EA
047024017A	QUICK CONN. 19008-002	2.000 EA
421900072FU	ORING	1.000 EA
424476003ZA	WIRING DIAGRAM MEDIUMA	1.000 EA
700385017F	CCA #8 25' 180	1.000 EA
701455002D	CT/BOX	1.000 EA
033775004EA	DRSCR #6-1/4 304 S.S.	4.000 EA
034180009DD	KEY 1/4X1/4X1-1/8L	1.000 EA
032375012GB	HSHSS 6-32X1-1/2~ PLATED	4.000 EA
034017007AB	LCKW NO.6 PLATED	4.000 EA
088203012A	BRKT,ODE,180SUB	1.000 EA
411140000AA	SWITCH ASSY SUBMERSIBLE	2.000 EA
413412007R	LEAD WIRE SWITCH	2.000 EA
421900124FU	ORING	1.000 EA
004824018AF	SHELL ROTELLA OIL 10W	1.500 LB
032018006AG	HHCS 1/4-20X3/4L 316 SS	3.000 EA
032018010CG	HHCS 3/8-16X1-1/4L 316SS	4.000 EA
000901001AA	LABEL WARNING	1.000 EA
B3630-9	SUBM THERMOSTAT TAG	1.000 EA
B-3664002	TAG, (NON REGREASABLE)	1.000 EA

