

ABB BALDOR RELIANCE III

Customer information packet D5505P

5HP, 1750/2300RPM, DC, 1810AT, TEFC, TOD

Specifications

Armature Voltage	500 V
Base Speed	1750 rpm
Enclosure	TEFC
Field Voltage	300 V
Frame	1810AT
Output Power	5.000 HP
Agency Approvals	CSA
Ambient Temperature	40 °C
Armature Current	8.3 a
Drip Cover	No Drip Cover
Duty Rating	CONT
Feedback Device	NO FEEDBACK
Field Winding Type	STR. SHUNT
Heater Indicator	No Heater
Insulation Class	F
Lifting Lugs	Standard Lifting Lugs
Motor Standards	NEMA
Mounting Arrangement	F3
Overall Length	21.94 IN
Service Factor	1.00
Shaft Diameter	1.125 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Slinger Indicator	No Slinger
Thermal Device - Bearing	None

Part Detail

Revision	-
Type	DC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	K0014A A
Layout	885-1
Eff. date	12-27-2019
CD Diagram	15209
Poles	00
Leads	
Proprietary	False
Created date	12-26-2019

Nameplate

NP1734									
CAT.NO.				MODEL	T18S8012				
HP	5	RPM	1750/2300		FRAME		1810AT		
ARM V	500		ARM A		8.30	WOUND	STR. SHUNT		
FLD V	150/300		FLD A		.76-.38/.38-.19				
CONN			OHMS		576.		CL	F	
ENCL	TEFC		DUTY		CONT		MX AMB		40
P CODE	D		CTSR				SER.F.		1.0
S/N				E/S	K0014A A				
O.D.E. BRG.	6205	D.E. BRG.	6206		BRUSH		18044-8		QTY 2

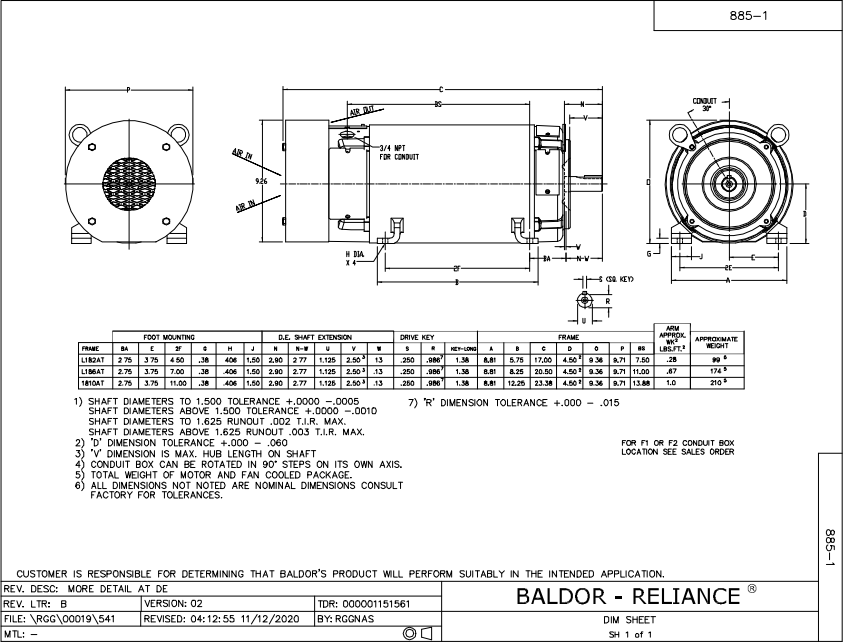
Parts List

Part number	Description	Quantity
SA377446	SA T18S8012	1.000 ea
AA018259	AA T18S8012	1.000 ea
036170004DA	DRSCW METRIC NAMEPLATE	4.000 ea
NP1734	NPL,BALDOR DC MTR ALUMINUM	1.000 ea
ME3002A06	COMMUTATOR ISOLATOR FOR 18043 COMM	1.000 ea
032018004AK	HHCS 1/4-20X1/2 PLATED	2.000 ea
034017012AB	LCKW 1/4 STD. PLATED 034017012AF	2.000 ea
034000012AB	WSHR 1/4 STD. PLATED	2.000 ea
18006	BRUSH ROCKER ASSY FRAME 180SERIES	1.000 ea
18044-8	BRUSH, 180 FR SERIES IM9101 MORGANITE/61	2.000 ea
18029-5	ODE BRKT MACH, FR 180, FOR TEFC MOTOR ON	1.000 ea
18032	FE BRKT MACH FR 180 STD AT	1.000 ea
032130008BA	5/16-18 X 1.0 HSHCS	4.000 ea
032130024BA	HSHCS	4.000 ea
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 ea
15490	LIFTING LUG,180 FRAME	2.000 ea
150449-25	T BOX GRD STUD ARG 1/4 20 DIA. STUD	1.000 ea
18807	FAN AND FAN HUB ASSY FR 180 FOR TEFC	1.000 ea
18137	TEFC FAN SHROUD, FR 180	1.000 ea
032018004BK	HHCS 5/16-18X1/2 PLATED	4.000 ea
WD4100A34	CAPLUG IN T-SERIES T12	1.000 ea
032018008CK	HHCS 3/8-16X1L PLATED	1.000 ea
034000014AB	WSH ID.406 OD.812 TH.065	1.000 ea
18026	GASKET,T BOX COVER,FR.1803/32 THK CORK/N	1.000 ea
18027	GASKET,ACCESS CVR,FR.180 3/32 THK DC205(	2.000 ea
18036	GASKET COVER FE,FR 180,TENV	1.000 ea
18038	GASKET,COVER,FE,TENV,3/32THK DC-205 CORK	2.000 ea
032018004AK	HHCS 1/4-20X1/2 PLATED	12.000 ea
18035	F/E CVR. SOLID BOTTOM TENV	1.000 ea
18037	F/E CVR. SOLID SIDE TENV	2.000 ea
18019	TERMINAL BOX COVER FRAME 180	1.000 ea

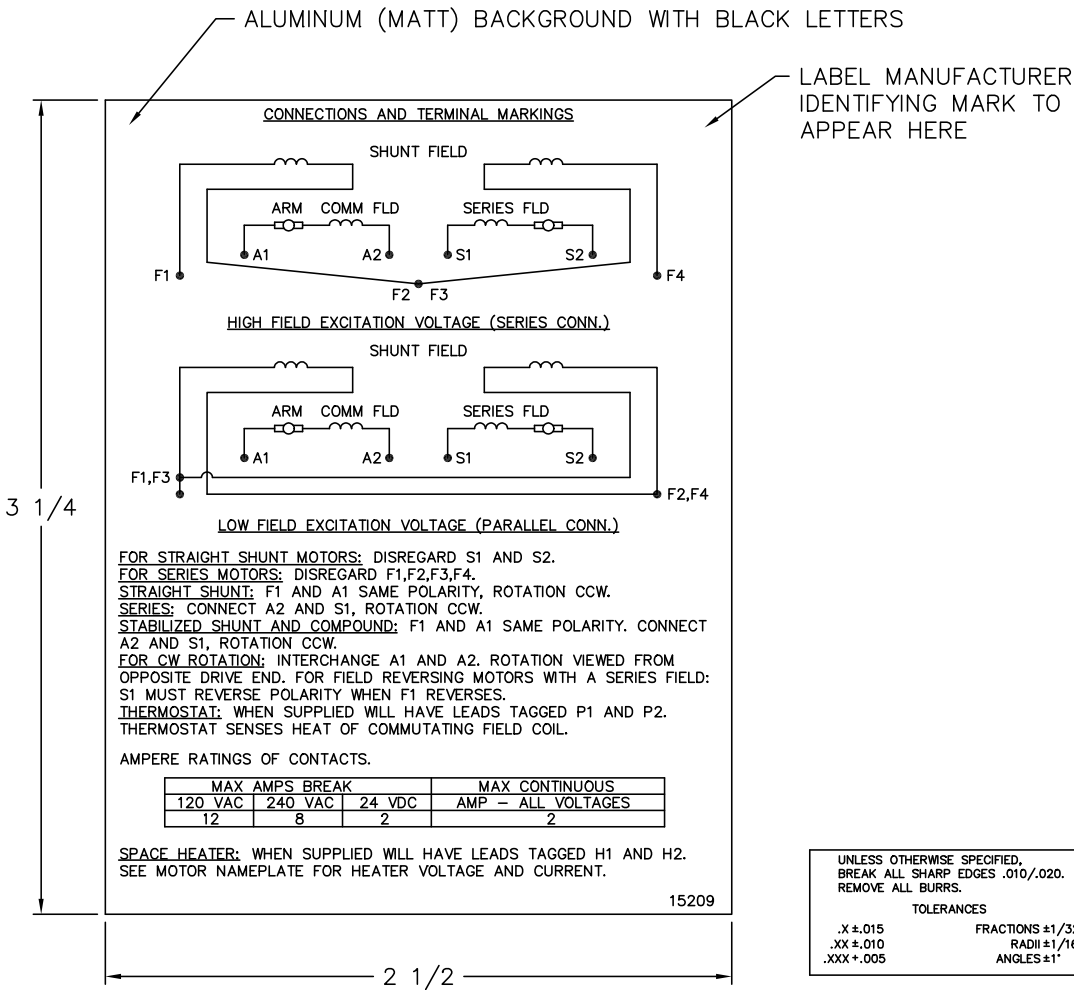
18021	BRUSH ACCESS COVER FR 18 SERIES	1.000 ea
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032620040LB	5/16-18 X 1-1/4 HXSOCSS- bin stock 7/7	4.000 ea
HA2179	STANDOFF,5/8 HEX X 2.38 LONG,5/16-18 TAP	4.000 ea
15209	LABEL CONNECTIONS & TERMINAL MARKIN	1.000 ea
034180011DA	1/4 SQ X 1.375 KEY	1.000 ea
004824007BTW	SPECIAL PAINT4824-3BVZ	0.100 ea

Accessories

Part number	Description	Multiplier
90EP5000A01	C-FACE CONVERSION KIT STOCK MTR,FR 180	



15209



NOTE:
MATERIAL .005 MINIMUM FULL HARD ALUMINUM DULL FINISH.
TEMP. RANGE -20°C TO +125°C MAXIMUM.
FOR INDOOR AND OUTDOOR MOUNTING BACK.
METAL, PRESSURE SENSITIVE BACK. MUST MEET CSA STANDARD.
THE CSA IDENTIFYING MARK OF THE LABEL MANUFACTURER MUST APPEAR IN THE UPPER RIGHT HAND CORNER AS INDICATED.

MATL: NOTED			
REV:	G	CHANGE ALL "NAMEPLATE" TEXT TO "LABEL"	
60Z91		SCALE: —	BY: BKW
		FILE: CHB00002485	REVISED: 02/19/97
		TDR: 0115147	

BALDOR ELECTRIC Co.

LABEL, CONNECTIONS AND TERMINAL MARKINGS DC

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