

ABB BALDOR RELIANCE III

Customer information packet D5507P

2110AT, 7.5HP, 1750RPM, 500, 300, TEFC, F1

Specifications

Armature Voltage	500 V
Base Speed	1750 rpm
Enclosure	TEFC
Field Voltage	300 V
Frame	2110AT
Output Power	7.500 HP
Agency Approvals	CSA
Ambient Temperature	40 °C
Armature Current	12.3 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	F1
Overall Length	29.60 IN
Service Factor	1.00
Shaft Diameter	1.375 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.	K0017A A
Layout	885-2
Eff. date	01-02-2020
CD Diagram	15209
Poles	00
Leads	
Proprietary	False
Created date	12-20-2019

Nameplate

NP1734										
CAT.NO.	D5507P			MODEL	T21S8009					
HP	7.5	RPM	1750/2300		FRAME	2110AT				
ARM V	500		ARM A	12.30	WOUND	STR. SHUNT				
FLD V	150/300		FLD A	2.10-1.16/1.05-.58						
CONN			OHMS	198.		CL	F			
ENCL	TEFC		DUTY	CONT		MX AMB	40			
P CODE	D		CTSR			SER.F.	1.0			
S/N				E/S	K0017A A					
O.D.E. BRG.	6207	D.E. BRG.	6207	BRUSH		150986-21-2			QTY	2

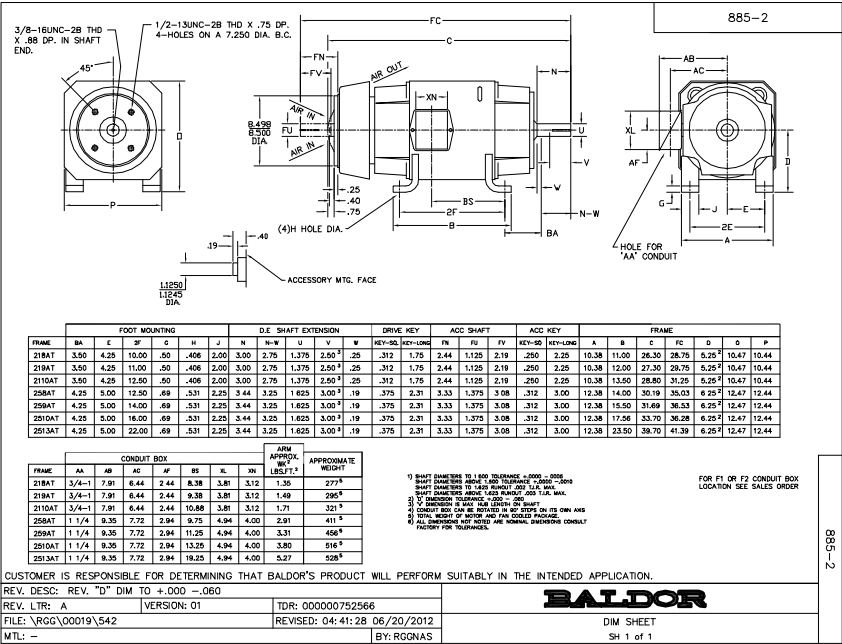
Parts List

Part number	Description	Quantity
SA377391	SA T21S8009	1.000 ea
AA018251	AA T21S8009	1.000 ea
036170004DA	DRSCW METRIC NAMEPLATE	4.000 ea
NP1734	NPL,BALDOR DC MTR ALUMINUM	1.000 ea
032018004BK	HHCS 5/16-18X1/2 PLATED	2.000 ea
15094	DISHED LOCKWASHER .332 ID, .865 OD	2.000 ea
21702-1	ROCKER RING ASSY FR 210 1 BRUSH PER BRU	1.000 ea
150986-21-1	BRUSH,210 FR. SERIES T563 NATIONAL	2.000 ea
21075-4	CE BRKT MACHINE FRAME 210 SERIES,SPL CE	1.000 ea
21073-8	FE BRKT MACH FR210 STANDARD FOR L	1.000 ea
004824015A	GREASE POLYREX EM	0.100 lb
032018048BK	5/16-18 X 6.00 HHCS	4.000 ea
032018032BK	HHCS 5/16-18X4"PLTD-250	4.000 ea
034630001AJ	1/8" PIPE COUPLING	1.000 ea
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 ea
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 ea
HW5100A07	W2816-030 WVY WASHER (WB)	1.000 ea
035000001A	ALFTG 1/8" 1610-BL	1.000 ea
035000001A	ALFTG 1/8" 1610-BL	1.000 ea
032130016AA	HSHCS	2.000 ea
034530012AB	1/8 X 1.50 PIPE NIPPLE	1.000 ea
150449-25	T BOX GRD STUD ARG 1/4 20 DIA. STUD	1.000 ea
21091	GASKET TERM BOX FRAME 210	1.000 ea
21091	GASKET TERM BOX FRAME 210	1.000 ea
034180008DA	KEY 1/4X1/4X1 L (shipping)	1.000 ea
21087-2	FAN MACHINING FR 210 SERIES	1.000 ea
15442	COVER RING TEFC ACC FACE #14 GA CR	1.000 ea
15021-2	ACC.FACE SCRNR,1/2 #13/15 FLTND. EXP.META	1.000 ea
21337	FAN SHROUD MACH FR 210 SERIES	1.000 ea
87XN5013K12	1/2-13X.75 SLOTTED UNDERCUT FLAT COUNTER	4.000 ea
032620012JB	#10-24 X 3/8 HXSS SCREW	2.000 ea

032018006DK	HHCS 1/2-13X3/4 PLATED	4.000 ea
21090	TERM BOX HOLE COVER 1018 STEEL PLATE	1.000 ea
032018004AK	HHCS 1/4-20X1/2 PLATED	4.000 ea
21079-2	GASKET COVER CE FRAME 210	3.000 ea
21079-1	GASKET,CVR,FAN END,FR.2103/32 THK DC205(	3.000 ea
032018004AK	HHCS 1/4-20X1/2 PLATED	28.000 ea
21497	ACC 'C' FACE CVR, FR 210 TEFC M	1.000 ea
21081-1	ACCESS COVER FRAME 21 SERIES	3.000 ea
21081-2	ACCESS COVER FRAME 21 SERIES	3.000 ea
032620032KB	HSSS 1/4-20X1" PLTD - 360	4.000 ea
033100012AB	1/4-20 HX MACH SCREW NUT	4.000 ea
15029-1	TERM.BOX BASE FR-210 DUREX P/N:1DR	1.000 ea
15029-2	TERM.BOX COVER FR-210 DUREX P/N:D616	1.000 ea
15029-3	GASKET T BOX CVR,1/8 THK ARMSTRONG DC 20	1.000 ea
032018004AK	HHCS 1/4-20X1/2 PLATED	2.000 ea
032018004AK	HHCS 1/4-20X1/2 PLATED	4.000 ea
15209	LABEL CONNECTIONS & TERMINAL MARKIN	1.000 ea
034180014EA	KEY 5/16X5/16X1-3/4L	1.000 ea
004824007BTW	SPECIAL PAINT4824-3BVZ	0.100 ea

Accessories

Part number	Description	Multiplier
91EP5000A01	C-FACE CONVERSION KIT FOR STOCK MTR,FR 2	P1



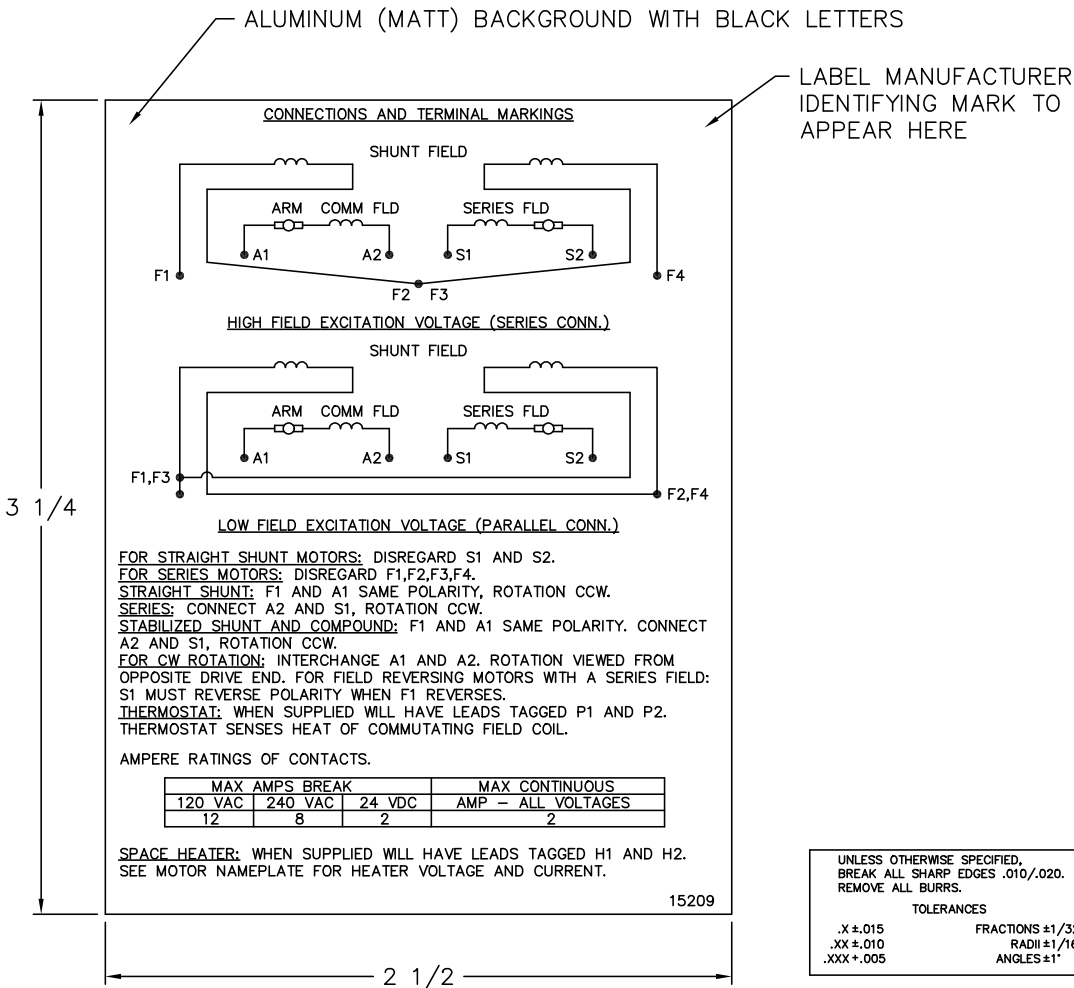
BALDOR ROUND DC ARMATURE INSULATION B/M

FRAME SIZE: **2110**
VOLTS: **301-600**

CORE LENGTH: **7.12**
#SLOTS: **24**

DESCRIPTION	#PCS	SIZE (USAGE) OR PART #	PURCHASE INFO	REMARKS
SLOT LINER	24	1.38" X 7.44" (10.27IN2)	612769207CC	4824-10-CX (.015")
TOP STICK	24	7.63" (.64')	4175320005CC	AY482409011 24-21-15
MIDSTICKS	24	NA	419910132C	4824-10-CX (.010")
SHAFT INSULATION	2	NA	418020001B	4824-10-CX (.007")
HEAD INSULATION	4	NA	609848005F	2 PCS EACH HEAD 4824-10-FH (.007")
COMMUTATOR INSULATION	NA	8.00"	MH1094A03	"GOLD TAPE"
NOMEX/GLASS CLOTH	NA	12.00"	FH482410150	4824-10FH
SLEEVING	NA	NA	NA	4824-13AW
			424503-002MHV	

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	REVISD: 02/19/97
		TDR: 0115147	

BALDOR ELECTRIC Co.

LABEL, CONNECTIONS AND TERMINAL MARKINGS DC

15209