

ABB BALDOR RELIANCE III

Customer information packet D5020P

20HP, 1750/2300RPM, DC, 259AT, DPFG, F1

Specifications

Armature Voltage	500 V
Base Speed	1750 rpm
Enclosure	DPFG
Field Voltage	150 V
	300 V
Output Power	20.000 HP
Agency Approvals	CSA
Ambient Temperature	40 °C
Armature Current	35.1 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	31.34 IN
Service Factor	1.00
Shaft Diameter	1.624 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.	K0038A A
Layout	876-1
Eff. date	12-12-2019
CD Diagram	15209
Poles	00
Leads	
Proprietary	False
Created date	12-11-2019

Nameplate

NP1734									
CAT.NO.				MODEL	T25S8005				
HP	20	RPM	1750/2300		FRAME	0259AT			
ARM V	500	ARM A		35.10	WOUND	STR. SHUNT			
FLD V	150/300	FLD A	2.48-1.50/1.24-.75						
CONN		OHMS	167.3		CL	F			
ENCL	DPFG	DUTY	CONT		MX AMB	40			
P CODE	D	CTSR			SER.F.	1.0			
S/N				E/S	K0038A A				
	BRUSH:150986-25-1								
O.D.E. BRG.	6207	D.E. BRG.	6209	BRUSH		150986-25-1		QTY	2

Parts List

Part number	Description	Quantity
SA376925	SA T25S8005	1.000 ea
AA018209	AA T25S8005	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
25686-1	ROCKER RING ASSY FR 250	1.000 ea
150986-25-1SP	BRUSH,250 FR. SERIES E-41	2.000 ea
25034-6	CE BRKT MACH FR 250 LOCK ODE BRG	1.000 ea
25066-6	FE BRKT MACH FR 250 FOR LOCKED ODE	1.000 ea
004824015A	GREASE POLYREX EM	0.200 lb
032130010CA	3/8-16 X 1.25 HSHCS	4.000 ea
032130010CA	3/8-16 X 1.25 HSHCS	4.000 ea
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 ea
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 ea
HW5100A09	W3328-036 WVY WSHR (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
150449-25	T BOX GRD STUD ARG 1/4 20 DIA. STUD	1.000 ea
25108-1	GASKET,TERM BOX,1/8"CORK NEOPRENE(DC-205	1.000 ea
25108-1	GASKET,TERM BOX,1/8"CORK NEOPRENE(DC-205	1.000 ea
032018006DK	HHCS 1/2-13X3/4 PLATED	4.000 ea
25106	TERMINAL BOX HOLE COVER, FR 250	1.000 ea
032018004AK	HHCS 1/4-20X1/2 PLATED	4.000 ea
25048-1	CVR GASKET,CE,FR-250 3/32 THK CORK/N	3.000 ea
25048-2	CVR GASKET,FE,FR-250 3/32 THK CORK/NEO	3.000 ea
032018004AK	HHCS 1/4-20X1/2 PLATED	28.000 ea
25062-2	LOUVER COVER,FE,FR-250 18GA C.R. STEEL	3.000 ea
25036-1	ACCESS COVER ODE, FR 250 SERIES	1.000 ea
25062-1	LOUVER COVER,CE,FR-250 18GA C.R. STEEL	2.000 ea

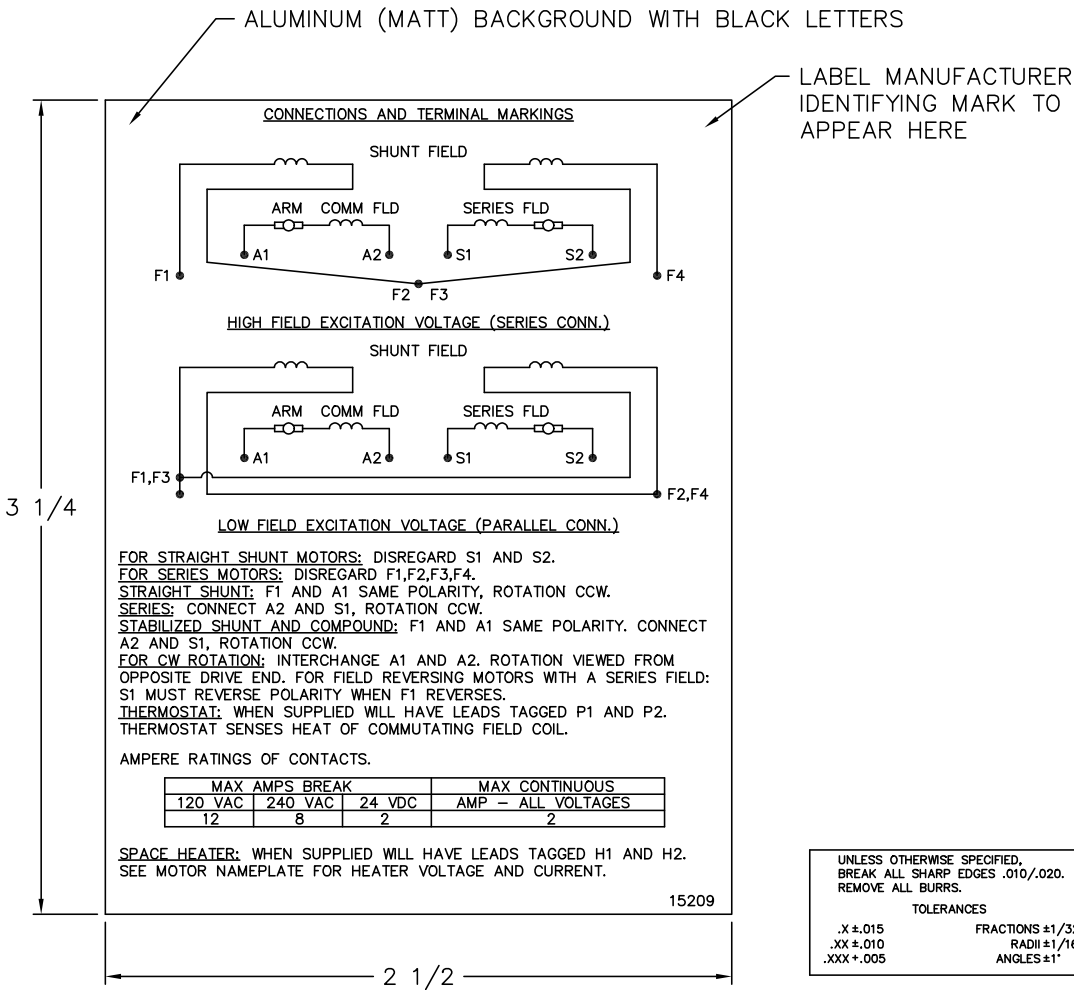
15599-37	DRIVE SCR,#10 X.37 TYPE UPLATED STEEL	5.000 ea
28022-1	VENT GUARD,WITH LOUVERS	1.000 ea
25109	TERMINAL BOX BASE FR 250	1.000 ea
25110	TERMINAL BOX COVER FR 250	1.000 ea
25111	GASKET,COVER,1/8"THK CORK/NEOPRENE (DC-2	1.000 ea
032018004AK	HHCS 1/4-20X1/2 PLATED	2.000 ea
032018004AK	HHCS 1/4-20X1/2 PLATED	4.000 ea
15209	LABEL CONNECTIONS & TERMINAL MARKIN	1.000 ea
15021-1	ACCESSORY FACE COVER FRAME 180-500 SERIE	1.000 ea
034180018FA	KEY 3/8 SQ X 2.25"	1.000 ea
004824007BTW	SPECIAL PAINT4824-3BVZ	0.100 ea

Accessories

Part number	Description	Multiplier
92EP5000A01	C-FACE CONVERSION KIT FOR STOCK MTR,FR 2	



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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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