

BALDOR® • RELIANCE 

Product Information Packet

D5507P

7.5HP,1750/2300RPM,DC,2110AT,TEFC,F1

| Part Detail | | | | | | | |
|-------------|----|-------------|-------|----------------|----|---------------|------------|
| Revision: | J | Status: | PRD/A | Change #: | | Proprietary: | No |
| Type: | DC | Prod. Type: | | Elec. Spec: | | CD Diagram: | |
| Enclosure: | | Mfg Plant: | | Mech. Spec: | | Layout: | |
| Frame: | | Mounting: | | Poles: | 00 | Created Date: | 04-22-2014 |
| Base: | | Rotation: | R | Insulation: | | Eff. Date: | 10-28-2016 |
| Field Type: | | Literature: | | Elec. Diagram: | | Replaced By: | |

| Specs | | | |
|---------------------------|-------------------------|--|--|
| Frame: | 2110AT | | |
| Frame Material: | Steel | | |
| Agency Approvals: | CSA | | |
| Base Indicator: | Rigid | | |
| Bearing Grease Type: | Polyrex EM (-20F +300F) | | |
| Drip Cover: | No Drip Cover | | |
| Feedback Device: | NO FEEDBACK | | |
| Heater Indicator: | No Heater | | |
| Insulation Class: | F | | |
| Lifting Lugs: | Standard Lifting Lugs | | |
| Shaft Extension Location: | Pulley End | | |
| Shaft Ground Indicator: | No Shaft Grounding | | |
| Shaft Slinger Indicator: | No Slinger | | |
| Motor Standards: | NEMA | | |

| Nameplate NP1734 | | | | | | | | | | |
|------------------|--------------------------|-----------|-------------|-------|-------------|------------|-----|--|-----|---|
| CAT.NO. | D5507P | | | MODEL | T21R8009 | | | | | |
| HP | 7.5 | RPM | 1750/2300 | | FRAME | 2110AT | | | | |
| ARM V | 500 | ARM A | 12.30 | | WOUND | STR. SHUNT | | | | |
| FLD V | 300 | FLD A | 1.05-1.16/1 | | | | | | | |
| CONN | | OHMS | | | | CL | F | | | |
| ENCL | TEFC | DUTY | CONT | | | MX AMB | 40 | | | |
| P CODE | D | CTSR | | | | SER.F. | 1.0 | | | |
| S/N | | | | E/S | K00017A A | | | | | |
| | FLD. DATA FOR HIGH VOLTS | | | | | | | | | |
| | FLD VOLTS 150/300 | | | | | | | | | |
| O.D.E. BRG. | 6207 | D.E. BRG. | 6207 | BRUSH | 150986-21-2 | | | | QTY | 2 |

| Parts List | | |
|---------------|--|----------|
| Part Number | Description | Quantity |
| SA281218 | SA T21R8009 | 1.000 EA |
| AA015386 | AA T21R8009 | 1.000 EA |
| NP1734 | NPL,BALDOR DC MTR ALUMINUM | 1.000 EA |
| 15209 | LABEL CONNECTIONS & TERMINAL MARKIN | 1.000 EA |
| 21702-1 | ROCKER RING ASSY FR 210 1 BRUSH PER BRU | 1.000 EA |
| 032018004BK | HHCS 5/16-18X1/2 PLATED | 2.000 EA |
| 150986-21-1SP | BRUSH,210 FR. SERIES T563 NATIONAL | 2.000 EA |
| 15094 | DISHED LOCKWASHER .332 ID, .865 OD | 2.000 EA |
| 046001026J | THERM N/C S06-145 | 1.000 EA |
| 032018014CK | HHCS 3/8-16X1-3/4L | 4.000 EA |
| 21038-1 | INTERPOLE STACK, FR 2110 | 2.000 EA |
| 424504007CB | SHIM PACKAGE | 1.000 EA |
| 032018014CK | HHCS 3/8-16X1-3/4L | 4.000 EA |
| 424508102A | BALDOR ROUND DC FRAME INSULATION B/M | 1.000 EA |
| 424503002MHV | ARMATURE INSULATION B/M 2110 ROUND FRAME | 1.000 EA |
| 034180063CA | KEY 3/16 SQ X 7.88" | 1.000 EA |
| 21010-3 | ARM END LAM. | 2.000 EA |
| MG5047 | VARNISH 004824-001HM | 0.200 GA |
| 21013 | FAN,INJ MOLDED,210 SERIESBLACK FIBERGLAS | 1.000 EA |
| 21016 | BALANCE RING FR 21 SERIES | 2.000 EA |
| 15094 | DISHED LOCKWASHER .332 ID, .865 OD | 2.000 EA |
| 032018004BK | HHCS 5/16-18X1/2 PLATED | 2.000 EA |
| 034141137AA | SNAP RING | 1.000 EA |
| 482415000A | GREASE (MOBIL POLYREX EM) | 0.100 LB |

| Parts List (continued) | | |
|------------------------|---|-----------|
| Part Number | Description | Quantity |
| 032018032BK | HHCS 5/16-18X4"PLTD-250 | 4.000 EA |
| 032018048BK | 5/16-18 X 6.00 HHCS | 4.000 EA |
| HW5100A07 | W2816-030 WVY WASHER (WB) | 1.000 EA |
| 035000001A | ALFTG 1/8" 1610-BL | 1.000 EA |
| HW4500A17 | 317400 ALEMITE GREASE RELIEF | 1.000 EA |
| 034630001AJ | 1/8" PIPE COUPLING | 1.000 EA |
| 21073-8 | FE BRKT MACH FR210 STANDARD FOR L | 1.000 EA |
| 21075-4 | CE BRKT MACHINE FRAME 210 SERIES,SPL CE | 1.000 EA |
| 032130016AA | SHSCS | 2.000 EA |
| 035000001A | ALFTG 1/8" 1610-BL | 1.000 EA |
| HW4500A17 | 317400 ALEMITE GREASE RELIEF | 1.000 EA |
| 034530012AB | 1/8 X 1.50 PIPE NIPPLE | 1.000 EA |
| 21091 | GASKET TERM BOX FRAME 210 | 2.000 EA |
| 21090 | TERM BOX HOLE COVER 1018 STEEL PLATE | 1.000 EA |
| 15029-2 | TERM.BOX COVER FR-210 DUREX P/N:D616 | 1.000 EA |
| 032018004AK | HHCS 1/4-20X1/2 PLATED | 2.000 EA |
| 21079-2 | GASKET COVER CE FRAME 210 | 3.000 EA |
| 032018004AK | HHCS 1/4-20X1/2 PLATED | 28.000 EA |
| 21081-2 | ACCESS COVER FRAME 21 SERIES | 3.000 EA |
| 034180008DA | KEY 1/4X1/4X1 L (shipping) | 1.000 EA |
| 15021-2 | ACC.FACE SCRIN,1/2 #13/15 FLTND. EXP.META | 1.000 EA |
| 21337 | FAN SHROUD MACH FR 210 SERIES | 1.000 EA |
| 032620012JB | #10-24 X 3/8 HXSS SCREW | 2.000 EA |
| 032620032KB | HSSS 1/4-20X1" PLTD - 360 | 4.000 EA |

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|-------------|--|----------|
| 150449-25 | T BOX GRD STUD ARG 1/4 20 DIA. STUD | 1.000 EA |
| 21091 | GASKET TERM BOX FRAME 210 | 1.000 EA |
| 15029-1 | TERM.BOX BASE FR-210 DUREX P/N:1DR | 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 | 4.000 EA |
| 21079-1 | GASKET,CVR,FAN END,FR.2103/32 THK DC205(| 3.000 EA |
| 21081-1 | ACCESS COVER FRAME 21 SERIES | 3.000 EA |
| 21497 | ACC 'C' FACE CVR, FR 210 TEFC M | 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 |
| 87XN5013K12 | 1/2-13X.75 SLOTTED UNDERCUT FLAT COUNTER | 4.000 EA |
| 032018006DK | HHCS 1/2-13X3/4 PLATED | 4.000 EA |
| 033100012AB | 1/4-20 HX MACH SCREW NUT | 4.000 EA |
| MG1025G05 | WILKOFAS, 789.227, MED. GRAY CHAR. MET. | 0.100 GA |
| PA1100 | PACK FOR #1 SKID; CUSTOM | 1.000 EA |
| 034180014EA | KEY 5/16X5/16X1-3/4L | 1.000 EA |
| LB1171 | LABEL CARTON 6X6 ON LINE BLANK | 1.000 EA |
| 482413015Y | #15 SLVG | 6.000 FT |
| 482413010Y | #10 SLEEVING (GREEN) | 6.000 FT |
| 041009029B | CONNECTOR, RTD | 4.000 EA |
| 041009029D | 12-10BUTT CONNECTOR 350 J | 3.000 EA |
| MN605 | INTEGRAL HP DC MOTORS 2/09 | 1.000 EA |

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