



Product Information Packet

D50200P-BV

200HP,1750/1900RPM,DC,409AT,DPBV,F1,N

Part Detail							
Revision:	A	Status:	PRD/A	Change #:		Proprietary:	No
Type:	DC	Prod. Type:		Elec. Spec:	K0109A A	CD Diagram:	15209
Enclosure:	DPBV	Mfg Plant:		Mech. Spec:		Layout:	1336-5
Frame:	0409A	Mounting:		Poles:	00	Created Date:	04-09-2015
Base:		Rotation:		Insulation:	F	Eff. Date:	12-05-2016
Field Type:		Literature:		Elec. Diagram:		Replaced By:	

Specs			
Enclosure:	DPBV		
Frame:	409AT		
Agency Approvals:	CSA		
Base Indicator:	Rigid		
Duty Rating:	CONT		
Field Winding Type:	STR. SHUNT		
Insulation Class:	F		
Mounting Arrangement:	F1		
Motor Standards:	NEMA		

Nameplate NP1734

CAT.NO.	D50200P-BV	MODEL	T40R8004				
HP	200	RPM	1750/1900	FRAME	0409AT		
ARM V	500	ARM A	311.00	WOUND	STR. SHUNT		
FLD V	150/300	FLD A	7.50				
CONN		OHMS		CL	F		
ENCL	DPBV	DUTY	CONT	MX AMB	40		
P CODE	C	CTSR		SER.F.	1.0		
S/N		E/S	K0109A A				
	BRUSH:40019-3						
O.D.E. BRG.	6213	D.E. BRG.	6214	BRUSH		QTY	

Parts List		
Part Number	Description	Quantity
SA297007	SA T40R8004	1.000 EA
AA016058	AA T40R8004	1.000 EA
036170004DA	DRSCW METRIC NAMEPLATE	4.000 EA
150247	CAUTION LABEL,BLWR WHEEL ROTATION,MYLAR	1.000 EA
NP1734	NPL,BALDOR DC MTR ALUMINUM	1.000 EA
15209	LABEL CONNECTIONS & TERMINAL MARKIN	1.000 EA
032018004BK	HHCS 5/16-18X1/2 PLATED	4.000 EA
15094	DISHED LOCKWASHER .332 ID, .865 OD	4.000 EA
40005-2	DUAL BRUSH ROCKER ASSY	1.000 EA
40019-3	BRUSH,400 FR. SERIES E-77 SGL/CARBON	8.000 EA
004824015A	GREASE POLYREX EM	0.900 LB
032018010BK	HHCS 5/16-18X1-1/4 PLTD.	4.000 EA
032018010DK	HHCS 1/2-13X1-1/4 PLATED	4.000 EA
032018010DK	HHCS 1/2-13X1-1/4 PLATED	4.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
151132	WAVE SPRING,#SSB-0492, CARB.STL,SMALLEY	1.000 EA
40020-2	FE BRKT MACH FR 400	1.000 EA
40021-2	CE BRKT MACH FR 400 STD L	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
032018004AK	HHCS 1/4-20X1/2 PLATED	3.000 EA
032018004BK	HHCS 5/16-18X1/2 PLATED	2.000 EA
032018004BK	HHCS 5/16-18X1/2 PLATED	4.000 EA

Parts List (continued)		
Part Number	Description	Quantity
032018004BK	HHCS 5/16-18X1/2 PLATED	44.000 EA
032018006BK	HHCS 5/16-18X3/4 PLATED	6.000 EA
032018006CK	HHCS 3/8-16X3/4L PLATED	4.000 EA
032018006DK	HHCS 1/2-13X3/4 PLATED	4.000 EA
034036014AB	EX.TOOTH LCKW 3/8 PLTD.	1.000 EA
10223	LM8 BLOWER ASSEMBLY LARGE MOTOR	1.000 EA
P10230	FILTER KIT FOR LM8/LM9 BLOWER ASSEMBLY	1.000 EA
15021-1	ACCESSORY FACE COVER FRAME 180-500 SERIE	1.000 EA
15025	TERMINAL BOX BACK FRAME 36 & 40 SERIES #	1.000 EA
15026-1	COVER TERM BOX MACH FR 36 & 40 SERIES	1.000 EA
150906-62	GRDG STUD,HX HD BOLT 3/8-16,W/HD PAINTED	1.000 EA
15599-37	DRIVE SCR,#10 X.37 TYPE UPLATED STEEL	6.000 EA
36018-2	SLD CVR,CE,FR-360 14 GA(.075THK)	1.000 EA
36018-2	SLD CVR,CE,FR-360 14 GA(.075THK)	3.000 EA
36019-1	GASKET CVR,FE,3/32 THK, ARMSTRONG DC205	4.000 EA
36019-2	GASKET CVR,CE,3/32 THK ARMSTRONG DC205	4.000 EA
36020-1	SMILE CVR,(LOUVERS)FR-36018 GA C.R. STEE	1.000 EA
36057-1	VENT CVR,LVR,FE,FR-360 18 GA(.048THK)	3.000 EA
36066-2	BLWR ADAPTR FOR 360 & 400 TO MOUNT LM8 O	1.000 EA
36246	GASKET,TERM.BOX,FR.360 1/8 THK ARMSTRONG	1.000 EA
40030-1	FLANGENIPPLEMACH400FRAME3"-8N.P.T40030	1.000 EA
HW4001A15	3.00 NPT RECESSED HEAD PLUG, RIGID (PLG	1.000 EA
004824007BTW	SPECIAL PAINT4824-3BVZ	0.300 EA
034180032HA	KEY 5/8X5/8X4 L bin stocked	1.000 EA

PA3100	PACK FOR #3 SKID; CUSTOM	1.000 EA
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Accessories		
Part Number	Description	Multiplier
96EP5000A01	C-FACE CONVERSION KIT FOR STOCK MTR,FR 4	

15209

ALUMINUM (MATT) BACKGROUND WITH BLACK LETTERS

LABEL MANUFACTURER IDENTIFYING MARK TO APPEAR HERE

3 1/4

2 1/2

15209

CONNECTIONS AND TERMINAL MARKINGS

SHUNT FIELD

ARM COMM FLD

SERIES FLD

F1 F2 F3 F4

A1 A2 S1 S2

HIGH FIELD EXCITATION VOLTAGE (SERIES CONN.)

SHUNT FIELD

ARM COMM FLD

SERIES FLD

F1,F3 F2,F4

A1 A2 S1 S2

LOW FIELD EXCITATION VOLTAGE (PARALLEL CONN.)

FOR STRAIGHT SHUNT MOTORS: DISREGARD S1 AND S2.

FOR SERIES MOTORS: DISREGARD F1,F2,F3,F4.

STRAIGHT SHUNT: F1 AND A1 SAME POLARITY, ROTATION CCW.

SERIES: CONNECT A2 AND S1, ROTATION CCW.

STABILIZED SHUNT AND COMPOUND: F1 AND A1 SAME POLARITY. CONNECT A2 AND S1, ROTATION CCW.

FOR CW ROTATION: INTERCHANGE A1 AND A2. ROTATION VIEWED FROM OPPOSITE DRIVE END. FOR FIELD REVERSING MOTORS WITH A SERIES FIELD: S1 MUST REVERSE POLARITY WHEN F1 REVERSES.

THERMOSTAT: WHEN SUPPLIED WILL HAVE LEADS TAGGED P1 AND P2. THERMOSTAT SENSES HEAT OF COMMUTATING FIELD COIL.

AMPERE RATINGS OF CONTACTS.

MAX AMPS BREAK			MAX CONTINUOUS	
120 VAC	240 VAC	24 VDC	AMP - ALL VOLTAGES	
12	8	2	2	

SPACE HEATER: WHEN SUPPLIED WILL HAVE LEADS TAGGED H1 AND H2. SEE MOTOR NAMEPLATE FOR HEATER VOLTAGE AND CURRENT.

UNLESS OTHERWISE SPECIFIED,
BREAK ALL SHARP EDGES .010/.020.
REMOVE ALL BURRS.

TOLERANCES

.X ±.015 FRACTIONS ±1/32

.XX ±.010 RADII ±1/16

.XXX ±.005 ANGLES ±1°

MATL: NOTED

REV: G CHANGE ALL "NAMEPLATE" TEXT TO "LABEL"

60ZS1

SCALE: - BY: BKW REVISED: 02/19/97

FILE: CHB00002485 TDR: 0115147

BALDOR ELECTRIC Co.

LABEL, CONNECTIONS AND TERMINAL MARKINGS DC

15209

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<http://www.baldor.com/support/Literature/Load.ashx/MN605?ManNumber=MN605>