



Product Information Packet

D50250P-BV

250HP,1750/1900RPM,DC,504-6AT,DPBV,F1,N

Part Detail							
Revision:	A	Status:	PRD/A	Change #:		Proprietary:	No
Type:	DC	Prod. Type:		Elec. Spec:	K0112A A	CD Diagram:	15209
Enclosure:	DPBV	Mfg Plant:		Mech. Spec:		Layout:	2339-4
Frame:	504-6	Mounting:		Poles:	00	Created Date:	04-09-2015
Base:		Rotation:		Insulation:	F	Eff. Date:	05-12-2017
Field Type:		Literature:		Elec. Diagram:		Replaced By:	

Specs			
Enclosure:	DPBV		
Frame:	504AT		
Agency Approvals:	CSA		
Base Indicator:	Rigid		
Duty Rating:	CONT		
Field Winding Type:	STR. SHUNT		
Insulation Class:	F		
Mounting Arrangement:	F1		
Motor Standards:	NEMA		

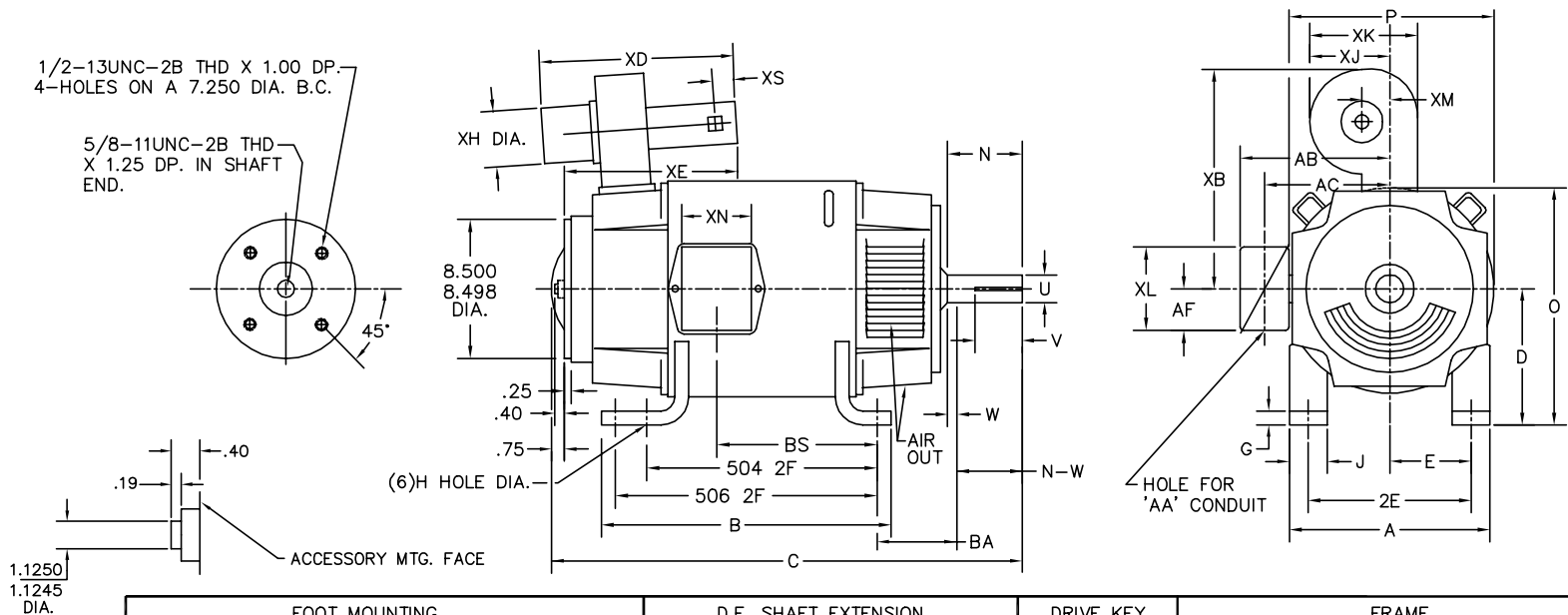
Nameplate NP1734

CAT.NO.	D50250P-BV	MODEL	T50R8003				
HP	250	RPM	1750/1900	FRAME	504-6AT		
ARM V	500	ARM A	405.00	WOUND	STR. SHUNT		
FLD V	150/300	FLD A	9.70				
CONN		OHMS		CL	F		
ENCL	DPBV	DUTY	CONT	MX AMB	40		
P CODE	C	CTSR		SER.F.	1.0		
S/N		E/S	K0112A A				
	BRUSH:50034-2						
O.D.E. BRG.	6216	D.E. BRG.	6218	BRUSH		QTY	

Parts List		
Part Number	Description	Quantity
SA296988	SA T50R8003	1.000 EA
AA016039	AA T50R8003	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
50009-2	BRUSH ROCKER ASSY FR 50 SERIES	1.000 EA
50034-2SP	BRUSH,500 FR. SERIES E-77 SGL/CARBON	8.000 EA
004824015A	GREASE POLYREX EM	1.100 LB
032018014CK	HHCS 3/8-16X1-3/4L	4.000 EA
032018014EK	HHCS 5/8-11X1-3/4 PLTED.	4.000 EA
032018014EK	HHCS 5/8-11X1-3/4 PLTED.	4.000 EA
032018016CK	HHCS 3/8-16X2 PLATE	4.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
50051-9	CE BRKT MACH FR 500 STD FOR LOCKED	1.000 EA
50052-10	FE BRKT MACH FR 500 STD FOR LOCKED	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HW5100A18	WAVY WASHER, WB#W6173-058	1.000 EA
85XU1008A06	10-32X3/8 TY U DRIVE	4.000 EA
032018004BK	HHCS 5/16-18X1/2 PLATED	2.000 EA

Parts List (continued)		
Part Number	Description	Quantity
032018004BK	HHCS 5/16-18X1/2 PLATED	4.000 EA
032018006BK	HHCS 5/16-18X3/4 PLATED	4.000 EA
032018006DK	HHCS 1/2-13X3/4 PLATED	4.000 EA
032018008CK	HHCS 3/8-16X1L PLATED	4.000 EA
034036014AB	EX.TOOTH LCKW 3/8 PLTD.	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
36246	GASKET,TERM.BOX,FR.360 1/8 THK ARMSTRONG	1.000 EA
40030-1	FLANGENIPPLEMACH400FRAME3"-8N.P.T40030	1.000 EA
50025-2	VENT COVER,FAN END #16 GA STEEL	3.000 EA
50026-1	SOLID CVR,FE,FR-500 14GA (.075THK)	1.000 EA
50027-1	GASKET CVR,FE,FR-500 3/32 THK CORK/NEOPR	4.000 EA
FVB95010	BLOWER FILTER KIT LM9 WITH FILTER	1.000 EA
032130004BA	HSHCS 1/2 IN.	48.000 EA
HW4001A12	3.00 NPT SQUARE HEAD PIPE PLUG	1.000 EA
004824007BTW	SPECIAL PAINT4824-3BVZ	0.500 EA
034180042JA	KEY FE SHAFT EXT	1.000 EA
18PA1006	PACK FOR 449 SKID; STOCK	1.000 EA

2339-4



DIA.	FOOT MOUNTING							D.E. SHAFT EXTENSION					DRIVE KEY		FRAME						
	FRAME	BA	E	504 2F	506 2F	G	H	J	N	N-W	U	V	W	KEY-SQ.	KEY-LONG	A	B	C	D	O	P
	504-6AT	8.50	10.00	16.00	20.00	1.18	1.188	4.50	6.76	6.57	3.250 ¹	6.32 ⁴	.19	.750	5.25	24.88	22.88	45.75	12.50 ³	24.91	24.81

	CONDUIT BOX							BLOWER								APPROXIMATE WEIGHT	
FRAME	AA	AB	AC	AF	BS	XL	XN	SIZE	XB	XD	XE	XH	XM	XJ	XK		XS
504-6AT	3	20.65	16.81	2.62	13.25	11.63	7.76	9	25.50	28.31	20.94	10.75	5.50	12.38	15.25	3.75	1957

- 1) SHAFT DIAMETERS ABOVE 1.500 TOLERANCE +.0000 -.0010
- 2) SHAFT DIAMETERS ABOVE 1.625 RUNOUT .003 T.I.R. MAX.
- 3) 'D' DIMENSION TOLERANCE +.000 - .060
- 4) 'V' DIMENSION IS MAX. HUB LENGTH ON SHAFT
- 5) CONDUIT BOX CAN BE ROTATED IN 90° STEPS ON ITS OWN AXIS.
- 6) ALL DIMENSIONS NOT NOTED ARE NOMINAL DIMENSIONS CONSULT FACTORY FOR TOLERANCES.

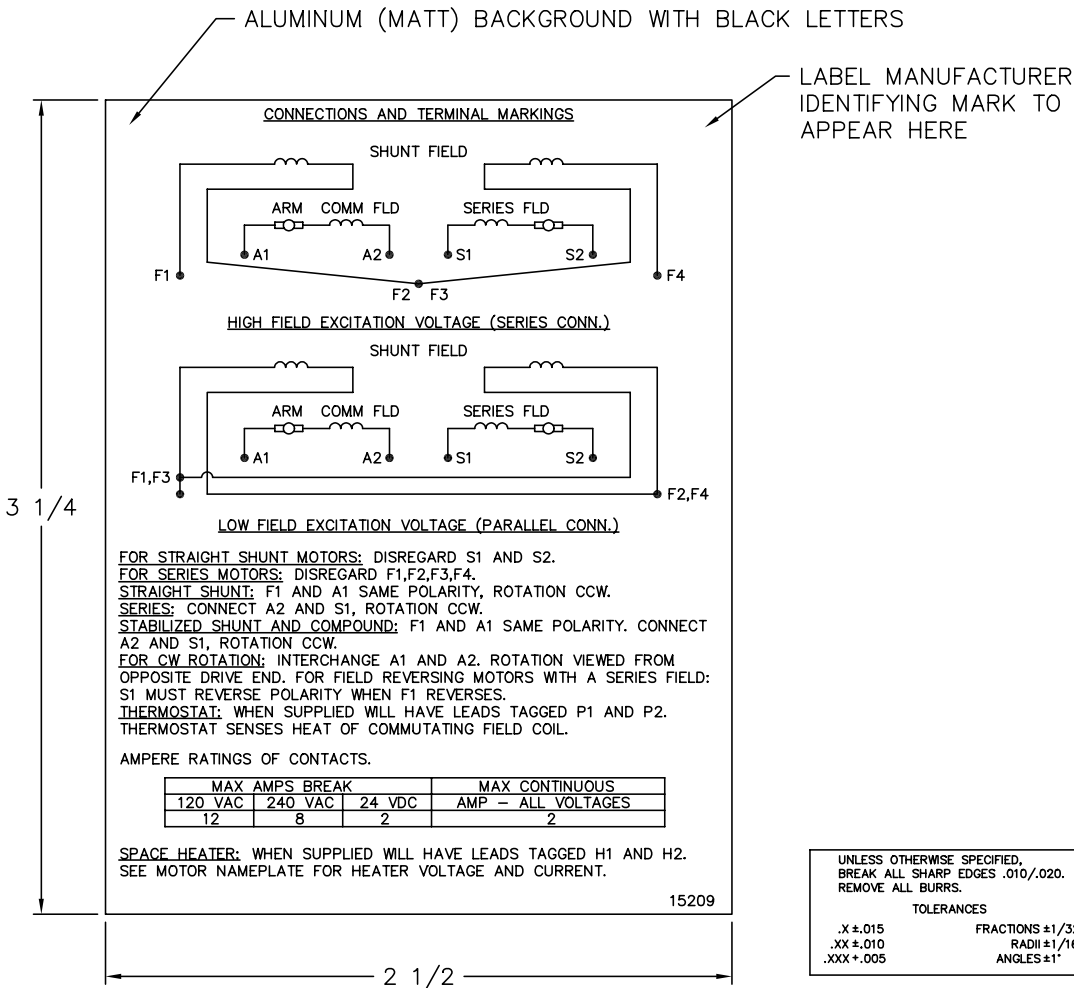
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

REV. DESC: NEW			
REV. LTR: -	BY: MBT	REVISED: 08: 49: 51 04/08/2004	TDR: 328876
4-6952Z		FILE: CHB00011581	REF: 2339-4
		MTL: -	

BALDOR ELECTRIC Co.
DIM SHEET,504-6AT,DPBV,504/506 MTG,LM9 BLOWER

2339-4

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"

60ZS1

SCALE: -

BY: BKW

REVISED: 02/19/97

FILE: CHB00002485

TDR: 0115147

BALDOR ELECTRIC Co.

LABEL, CONNECTIONS AND TERMINAL MARKINGS DC

15209

Marketing maintained PDF of MN605:

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