

**BALDOR • RELIANCE**

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# Customer information packet

## D50100P

100HP, 1750/2000RPM, DC, 368AT, DPGF, FX, N

**Specifications**

<b>Enclosure</b>	DPFG
<b>Frame</b>	368AT
<b>Frame Material</b>	Steel
<b>Output Power</b>	100.000 HP
<b>Agency Approvals</b>	CSA
<b>Ambient Temperature</b>	40 °C
<b>Bearing Grease Type</b>	Polyrex EM (-20F +300F)
<b>Drip Cover</b>	No Drip Cover
<b>Feedback Device</b>	NO FEEDBACK
<b>Field Winding Type</b>	STR. SHUNT
<b>Heater Indicator</b>	No Heater
<b>Lifting Lugs</b>	Standard Lifting Lugs
<b>Motor Standards</b>	NEMA
<b>Mounting Arrangement</b>	F1
<b>Overall Length</b>	38.88 IN
<b>Shaft Extension Location</b>	Pulley End
<b>Shaft Ground Indicator</b>	No Shaft Grounding
<b>Shaft Slinger Indicator</b>	No Slinger

**Part detail**

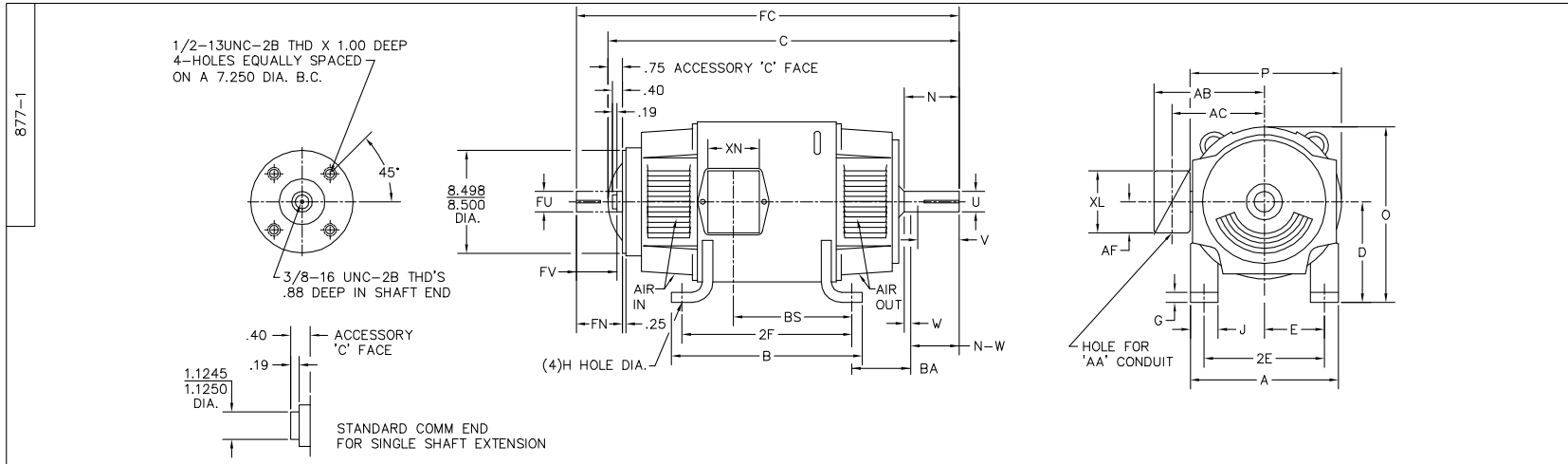
<b>Revision</b>	B
<b>Type</b>	DC
<b>Mech. spec.</b>	
<b>Base</b>	
<b>Status</b>	PRD/A
<b>Elec. spec.</b>	K0093A A
<b>Layout</b>	877-1
<b>Eff. date</b>	03-06-2019
<b>CD Diagram</b>	15209
<b>Poles</b>	00
<b>Leads</b>	
<b>Proprietary</b>	False
<b>Created date</b>	04-09-2015

**Nameplate**

<b>NP1734</b>					
<b>CAT.NO.</b>	D50100P	<b>MODEL</b>	T36R8003		
<b>HP</b>	100	<b>RPM</b>	1750/2000	<b>FRAME</b>	0368AT
<b>ARM V</b>	500	<b>ARM A</b>	158.00	<b>WOUND</b>	STR. SHUNT
<b>FLD V</b>	150/300	<b>FLD A</b>	8.84-6.00/4.42-3.00		
<b>CONN</b>		<b>OHMS</b>		<b>CL</b>	F
<b>ENCL</b>	DPFG	<b>DUTY</b>	CONT	<b>MX AMB</b>	40
<b>P CODE</b>	D	<b>CTSR</b>		<b>SER.F.</b>	1.0
<b>S/N</b>		<b>E/S</b>	K0093A A		
	BRUSH:36024-3				
<b>O.D.E. BRG.</b>	6211	<b>D.E. BRG.</b>	6213	<b>BRUSH</b>	<b>QTY</b>

**Accessories**

<b>Part number</b>	<b>Description</b>	<b>Multiplier</b>
D50100P	100HP,1750/2000RPM,DC,368AT,DPFG,FX,N	N2



FRAME	FOOT MOUNTING						D.E. SHAFT EXTENSION					DRIVE KEY		ACC SHAFT EXTENSION			ACC KEY		FRAME						
	BA	E	2F	G	H	J	N	N-W	U	V	W	KEY-SQ.	KEY-LONG	FN	FU	FV	KEY-SQ.	KEY-LONG	A	B	C	FC	D	O	P
327AT	5.25	6.25	14.00	.81	.656	3.00	4.40	4.25	2.125	4.00 <sup>3</sup>	.15	.500	3.12	3.94	1.875	3.69	.500	2.81	15.88	15.75	33.50	36.71	8.00 <sup>2</sup>	15.94	15.88
328AT	5.25	6.25	16.00	.81	.656	3.00	4.40	4.25	2.125	4.00 <sup>3</sup>	.15	.500	3.12	3.94	1.875	3.69	.500	2.81	15.88	17.75	35.38	38.58	8.00 <sup>2</sup>	15.94	15.88
329AT	5.25	6.25	18.00	.81	.656	3.00	4.40	4.25	2.125	4.00 <sup>3</sup>	.15	.500	3.12	3.94	1.875	3.69	.500	2.81	15.88	19.75	37.38	40.58	8.00 <sup>2</sup>	15.94	15.88
365AT	5.88	7.00	12.25	.81	.813	3.25	4.94	4.75	2.375	4.50 <sup>3</sup>	.19	.625	3.50	4.62	2.125	4.37	.500	3.13	17.75	13.75	33.69	37.56	9.00 <sup>2</sup>	17.94	17.88
366AT	5.88	7.00	14.00	.81	.813	3.25	4.94	4.75	2.375	4.50 <sup>3</sup>	.19	.625	3.50	4.62	2.125	4.37	.500	3.13	17.75	15.50	35.88	39.75	9.00 <sup>2</sup>	17.94	17.88
368AT	5.88	7.00	18.00	.81	.813	3.25	4.94	4.75	2.375	4.50 <sup>3</sup>	.19	.625	3.50	4.62	2.125	4.37	.500	3.13	17.75	19.50	38.88	42.75	9.00 <sup>2</sup>	17.94	17.88
3610AT	5.88	7.00	22.00	.81	.813	3.25	4.94	4.75	2.375	4.50 <sup>3</sup>	.19	.625	3.50	4.62	2.125	4.37	.500	3.13	17.75	23.50	42.20	46.10	9.00 <sup>2</sup>	17.94	17.88
3612AT	5.88	7.00	28.00	.81	.813	3.25	4.94	4.75	2.375	4.50 <sup>3</sup>	.19	.625	3.50	4.62	2.125	4.37	.500	3.13	17.75	29.50	46.31	49.10	9.00 <sup>2</sup>	17.94	17.88

FRAME	CONDUIT BOX						ARM APPROX. WK <sup>2</sup> LBS.FT. <sup>2</sup>	APPROXIMATE WEIGHT	
	AA	AB	AC	AF	BS	XL			
327AT	2	12.94	10.32	5.00	11.81	7.88	5.25	8.45	700 <sup>5</sup>
328AT	2	12.94	10.32	5.00	13.68	7.88	5.25	9.67	775 <sup>5</sup>
329AT	2	12.94	10.32	5.00	15.68	7.88	5.25	10.97	884 <sup>5</sup>
365AT	2 1/2	14.06	11.38	5.00	9.06	7.88	5.25	15.61	765 <sup>5</sup>
366AT	2 1/2	14.06	11.38	5.00	11.25	7.88	5.25	18.27	875 <sup>5</sup>
368AT	2 1/2	14.06	11.38	5.00	14.25	7.88	5.25	22.21	1035 <sup>5</sup>
3610AT	3	16.86	13.09	6.53	18.25	11.63	7.76	28.00	1070 <sup>5</sup>
3612AT	3	16.86	13.09	6.53	24.25	11.63	7.76	31.60	1136 <sup>5</sup>

- 1) SHAFT DIAMETERS TO 1.500 TOLERANCE +.0000 - .0005  
SHAFT DIAMETERS ABOVE 1.500 TOLERANCE +.0000 - .0010
- 2) SHAFT DIAMETERS TO 1.825 RUNOUT .002 T.I.R. MAX.  
SHAFT DIAMETERS ABOVE 1.825 RUNOUT .003 T.I.R. MAX.
- 3) 'Y' DIMENSION IS MAX. HUB LENGTH ON SHAFT
- 4) CONDUIT BOX CAN BE ROTATED IN 90° STEPS ON ITS OWN AXIS.
- 5) TOTAL WEIGHT OF MOTOR.
- 6) ALL DIMENSIONS NOT NOTED ARE NOMINAL DIMENSIONS CONSULT FACTORY FOR TOLERANCES.

FOR F1 OR F2 CONDUIT BOX LOCATION SEE SALES ORDER

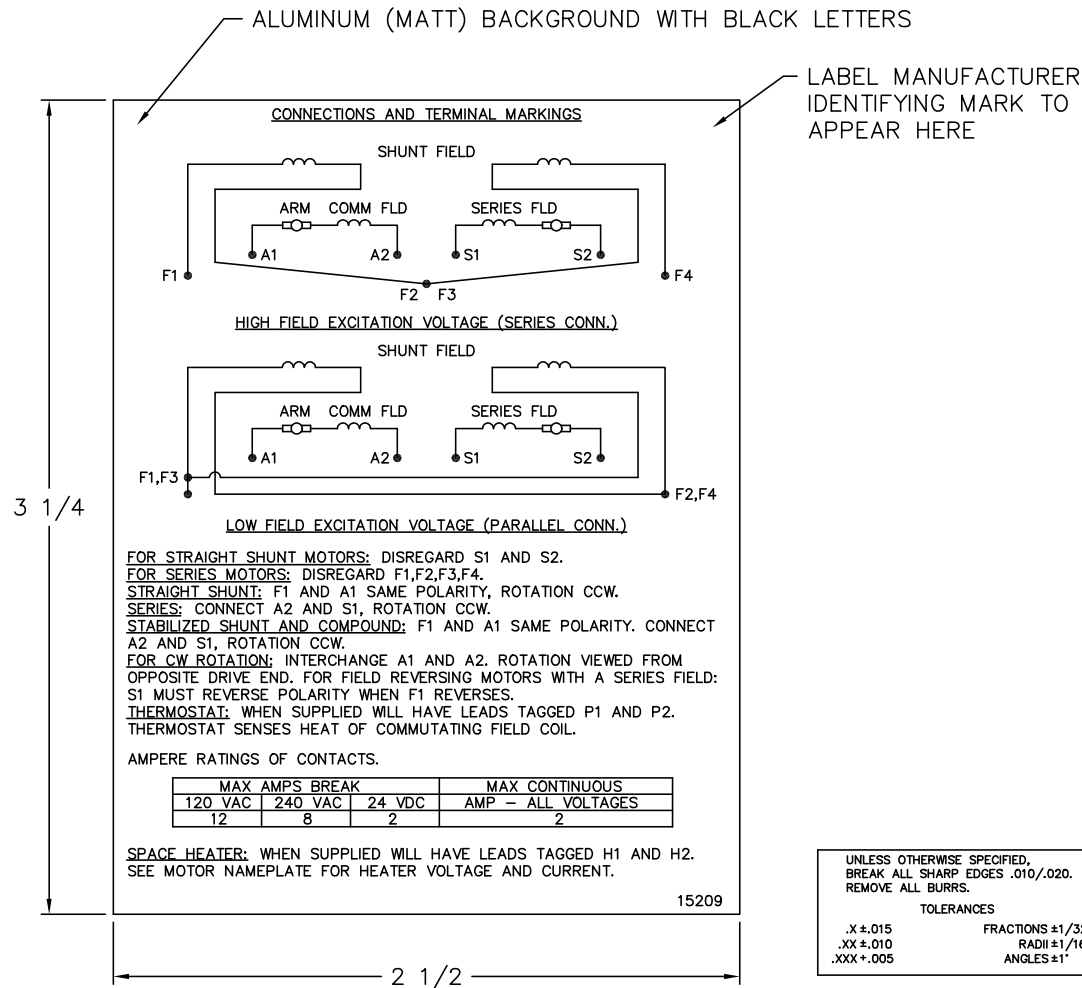
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: RELOAD TO BUS		
REV. LTR: C	VERSION: 02	TDR: 00000773327
FILE: \RGG\00019\101	REVISED: 10:43:23 11/09/2012	BY: RCGWT
MTL: -		

**BALDOR**

DIM SHEET  
SH 1 of 1

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 REVISED: 02/19/97
	FILE: CHB00002485 TDR: 0115147

**BALDOR ELECTRIC Co.**

LABEL, CONNECTIONS AND TERMINAL MARKINGS DC

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