



Customer information packet

D5050P

0328AT, 50HP, 1750RPM, 500, 300, DPFG, F1

Specifications

Armature Voltage	500 V
Base Speed	1750 rpm
Enclosure	DPFG
Field Voltage	300 V
Frame	328AT
Output Power	50.000 HP
Agency Approvals	CSA
Ambient Temperature	40 °C
Armature Current	83.7 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	38.58 IN
Service Factor	1.00
Shaft Diameter	2.125 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Slinger Indicator	No Slinger
Thermal Device - Bearing	None

Part detail

Revision	A
Type	DC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	K0078A B
Layout	877-1
Eff. date	10-03-2023
CD Diagram	15209
Poles	00
Leads	
Proprietary	False
Created date	12-18-2019

Nameplate

NP1734									
CAT.NO.	D5050P		MODEL		T32S8002				
HP	50	RPM	1750/2100		FRAME		0328AT		
ARM V	500		ARM A		83.70	WOUND		STR. SHUNT	
FLD V	150/300	FLD A	4.00-2.04/2.00-1.02						
CONN			OHMS	105		CL		F	
ENCL	DPFG	DUTY	CONT		MX AMB		40		
P CODE	D	CTSR			SER.F.		1.0		
S/N			E/S	K0078A B					
	-								
O.D.E. BRG.	6210	D.E. BRG.	6211	BRUSH		28610-2		QTY	4

Accessories

Part number	Description	Multiplier
94EP5000A02	C-FACE CONVERSION KIT FOR STOCK MTR,FR 3	

877-1

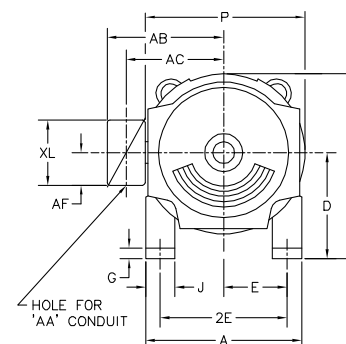
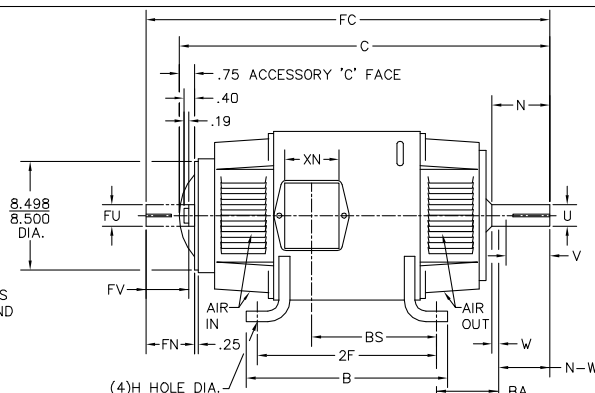
1/2-13UNC-2B THD X 1.00 DEEP
4-HOLES EQUALLY SPACED
ON A 7.250 DIA. B.C.



3/8-16 UNC-2B THD'S
.88 DEEP IN SHAFT END

.40
1.1245
1.1250
DIA.

STANDARD COMM END
FOR SINGLE SHAFT EXTENSION



	FOOT MOUNTING						D.E. SHAFT EXTENSION					DRIVE KEY		ACC SHAFT EXTENSION			ACC KEY		FRAME						
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 ³	.15	.500	3.12	3.94	1.875	3.69	.500	2.81	15.88	15.75	33.50	36.71	8.00 ²	15.94	15.88
328AT	5.25	6.25	16.00	.81	.656	3.00	4.40	4.25	2.125	4.00 ³	.15	.500	3.12	3.94	1.875	3.69	.500	2.81	15.88	17.75	35.38	38.58	8.00 ²	15.94	15.88
329AT	5.25	6.25	18.00	.81	.656	3.00	4.40	4.25	2.125	4.00 ³	.15	.500	3.12	3.94	1.875	3.69	.500	2.81	15.88	19.75	37.38	40.58	8.00 ²	15.94	15.88
365AT	5.88	7.00	12.25	.81	.813	3.25	4.94	4.75	2.375	4.50 ³	.19	.625	3.50	4.62	2.125	4.37	.500	3.13	17.75	13.75	33.69	37.56	9.00 ²	17.94	17.88
366AT	5.88	7.00	14.00	.81	.813	3.25	4.94	4.75	2.375	4.50 ³	.19	.625	3.50	4.62	2.125	4.37	.500	3.13	17.75	15.50	35.88	39.75	9.00 ²	17.94	17.88
368AT	5.88	7.00	18.00	.81	.813	3.25	4.94	4.75	2.375	4.50 ³	.19	.625	3.50	4.62	2.125	4.37	.500	3.13	17.75	19.50	38.88	42.75	9.00 ²	17.94	17.88
3610AT	5.88	7.00	22.00	.81	.813	3.25	4.94	4.75	2.375	4.50 ³	.19	.625	3.50	4.62	2.125	4.37	.500	3.13	17.75	23.50	42.20	46.10	9.00 ²	17.94	17.88
3612AT	5.88	7.00	28.00	.81	.813	3.25	4.94	4.75	2.375	4.50 ³	.19	.625	3.50	4.62	2.125	4.37	.500	3.13	17.75	29.50	46.31	49.10	9.00 ²	17.94	17.88

CONDUIT BOX								ARM APPROX. WK ² LBS.FT. ²	APPROXIMATE WEIGHT
FRAME	AA	AB	AC	AF	BS	XL	XN		
327AT	2	12.94	10.32	5.00	11.81	7.88	5.25	8.45	700 ⁵
328AT	2	12.94	10.32	5.00	13.68	7.88	5.25	9.67	775 ⁵
329AT	2	12.94	10.32	5.00	15.68	7.88	5.25	10.97	884 ⁵
365AT	2 1/2	14.06	11.38	5.00	9.06	7.88	5.25	15.61	765 ⁵
366AT	2 1/2	14.06	11.38	5.00	11.25	7.88	5.25	18.27	875 ⁵
368AT	2 1/2	14.06	11.38	5.00	14.25	7.88	5.25	22.21	1036 ⁵
3610AT	3	16.86	13.09	6.53	18.25	11.63	7.76	28.00	1070 ⁵
3612AT	3	16.86	13.09	6.53	24.25	11.63	7.76	31.60	1136 ⁵

- 1) SHAFT DIAMETERS TO 1.500 TOLERANCE +.0000 - .0005
- 2) SHAFT DIAMETERS ABOVE 1.500 TOLERANCE +.0000 - .0010
- 3) SHAFT DIAMETERS TO 1.625 RUNOUT .002 I.R. MAX.
- 4) SHAFT DIAMETERS ABOVE 1.625 RUNOUT .003 I.R. MAX.
- 5) 'V' DIMENSION IS MAX. HUB LENGTH ON SHAFT
- 6) CONDUIT BOX CAN BE ROTATED IN 90° STEPS ON ITS OWN AXIS.
- 7) TOTAL WEIGHT OF MOTOR.
- 8) 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.

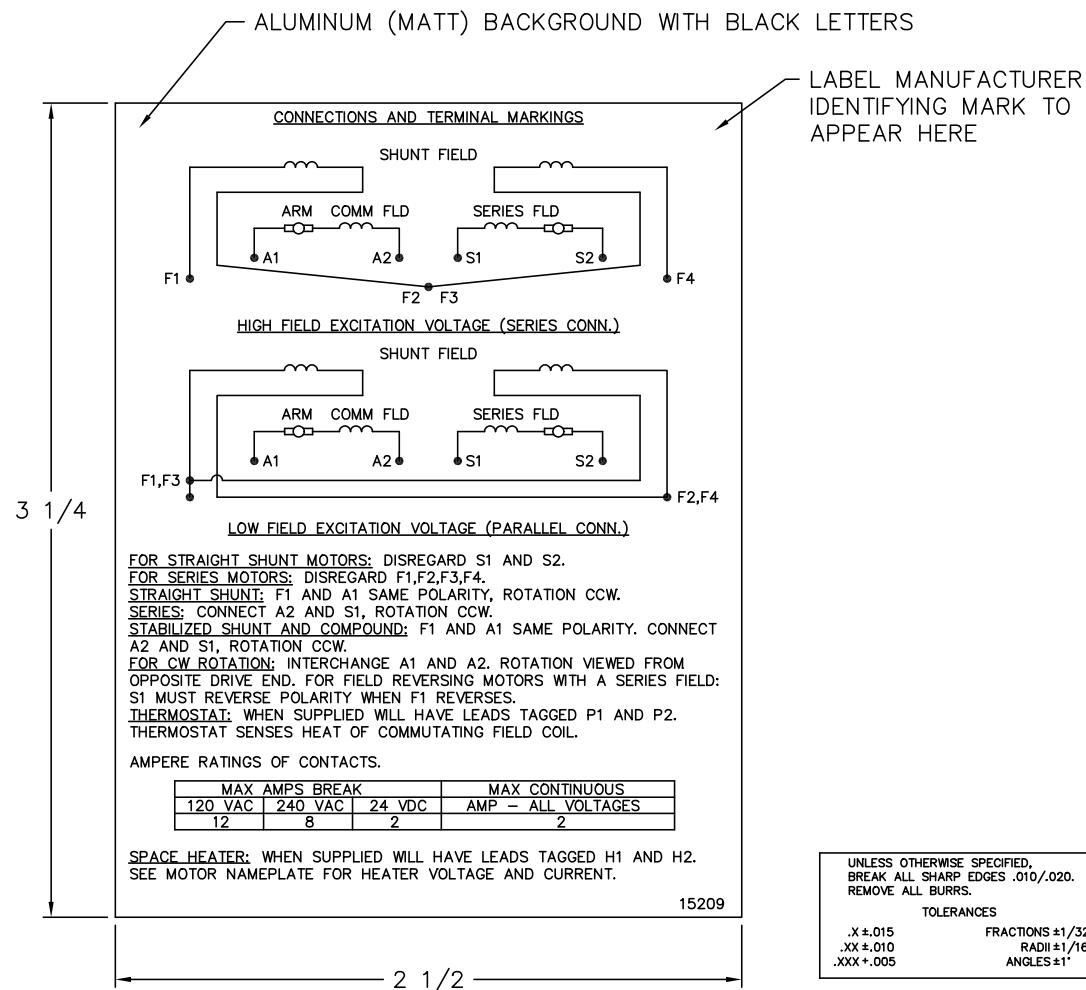
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FILE: \RGG\00019\101	REVISED: 10:43:23 11/09/2012	BY: RGGWT
MTL: -		

BALDOR

DIM SHEET
SH 1 of 1

877-1

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.

15209

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