

ABB BALDOR RELIANCE III



Customer information packet D2515P

0288AT, 15HP, 1750RPM, 240, 150, TEFC, F1

Specifications

Armature Voltage	240 V
Base Speed	1750 rpm
Enclosure	TEFC
Field Voltage	150 V
	300 V
Frame	288AT
Output Power	15.000 HP
Agency Approvals	CSA
Ambient Temperature	40 °C
Armature Current	51.7 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	35.84 IN
Service Factor	1.00
Shaft Diameter	1.875 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.	K0075A A
Layout	885-3
Eff. date	05-06-2020
CD Diagram	15209
Poles	00
Leads	
Proprietary	False
Created date	12-20-2019

Nameplate

NP1734						
CAT.NO.		MODEL	T28S8005			
HP	15	RPM	1750/2300	FRAME	0288AT	
ARM V	240	ARM A	51.70	WOUND	STR. SHUNT	
FLD V	150/300	FLD A	1.96-1.38/.98-.69			
CONN		OHMS	196.5	CL	F	
ENCL	TEFC	DUTY	CONT	MX AMB	40	
P CODE	D	CTSR		SER.F.	1.0	
S/N		E/S	K0075A A			
	-					
O.D.E. BRG.	6209	D.E. BRG.	6210	BRUSH	28610-1	QTY 2

Accessories

Part number	Description	Multiplier
93EP5000A01	C-FACE CONVERSION KIT FOR STOCK MTR,FR 2	

885-3

000164

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
287AT	4.75	5.50	12.50	.69	.531	2.50	3.91	3.75	1.875	3.50 ³	.16	.500	2.50	3.44	1.625	3.19	.375	2.44	13.81	14.13	34.09	37.08	7.00 ²	13.88	13.75
288AT	4.75	5.50	14.00	.69	.531	2.50	3.91	3.75	1.875	3.50 ³	.16	.500	2.50	3.44	1.625	3.19	.375	2.44	13.81	15.62	35.84	39.25	7.00 ²	13.88	13.75
2810AT	4.75	5.50	18.00	.69	.531	2.50	3.91	3.75	1.875	3.50 ³	.16	.500	2.50	3.44	1.625	3.19	.375	2.44	13.81	19.62	39.84	42.54	7.00 ²	13.88	13.75
2811AT	4.75	5.50	20.00	.69	.531	2.50	3.91	3.75	1.875	3.50 ³	.16	.500	2.50	3.44	1.625	3.19	.375	2.44	13.81	21.62	43.84	45.83	7.00 ²	13.88	13.75
2813AT	4.75	5.50	25.00	.69	.531	2.50	3.91	3.75	1.875	3.50 ³	.16	.500	2.50	3.44	1.625	3.19	.375	2.44	13.81	26.62	47.84	49.12	7.00 ²	13.88	13.75

FRAME	CONDUIT BOX							ARM APPROX. WK ² LBS.FT. ²	APPROXIMATE WEIGHT
	AA	AB	AC	AF	BS	XL	XN		
287AT	1 1/4	11.88	9.25	5.00	10.89	7.88	5.25	4.67	556 ⁵
288AT	1 1/4	11.88	9.25	5.00	12.64	7.88	5.25	5.36	616 ⁵
2810AT	1 1/4	11.88	9.25	5.00	16.64	7.88	5.25	6.80	776 ⁵
2811AT	1 1/4	11.88	9.25	5.00	19.14	7.88	5.25	7.62	785 ⁵
2813AT	1 1/4	11.88	9.25	5.00	23.64	7.88	5.25	9.40	792 ⁵

1) SHAFT DIAMETERS TO 1.500 TOLERANCE +.0000 - .0005
 SHAFT DIAMETERS ABOVE 1.500 TOLERANCE +.0000 - .0010
 SHAFT DIAMETERS TO 1.625 RUNOUT .002 T.I.R. MAX.
 SHAFT DIAMETERS ABOVE 1.625 RUNOUT .003 T.I.R. MAX.

2) 'D' DIMENSION TOLERANCE +.000 - .060
 3) 'V' 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 AND FAN COOLED PACKAGE.
 6) ALL DIMENSIONS NOT NOTED ARE NOMINAL DIMENSIONS CONSULT FACTORY FOR TOLERANCES.

FOR F1 OR F2 CONDUIT BOX LOCATION SEE SALES ORDER

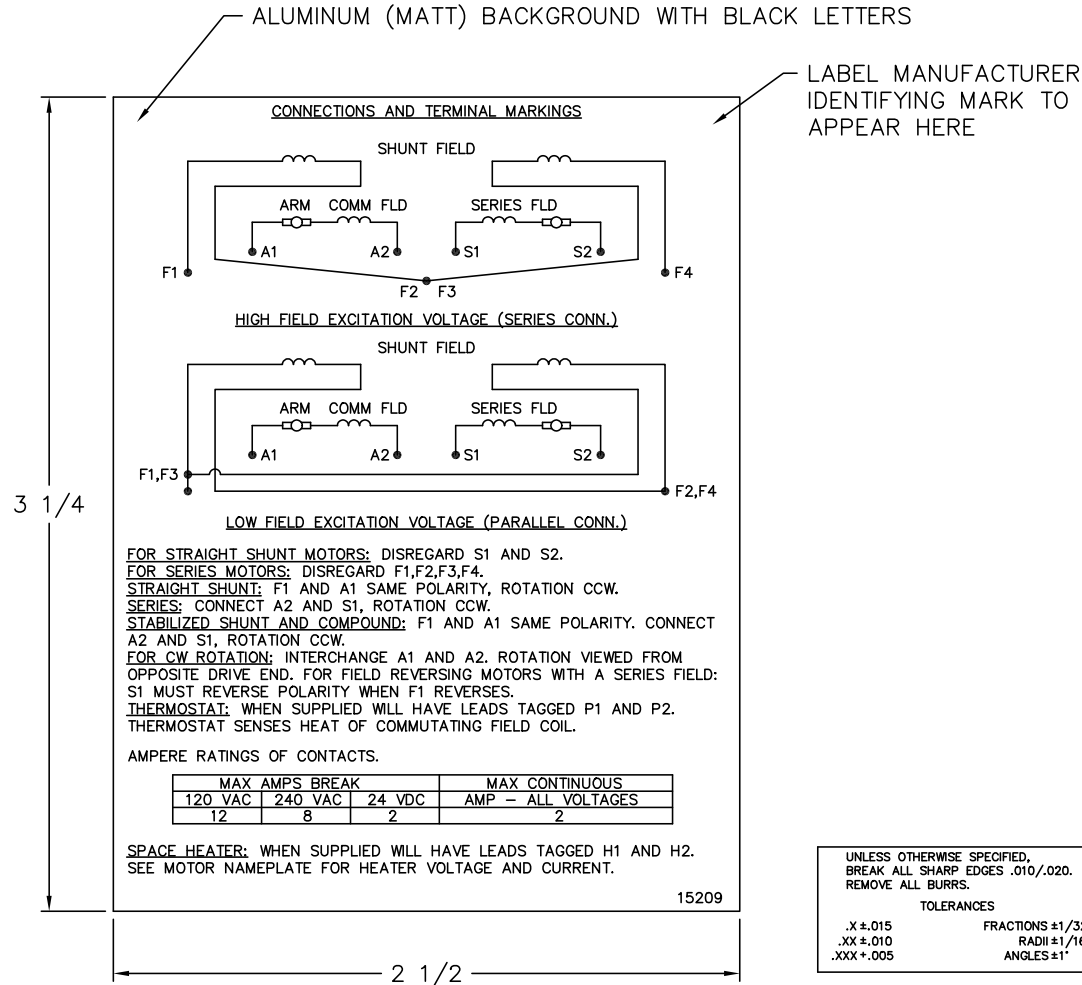
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: RELOAD DRAWING TO BUS		
REV. LTR: C	VERSION: 02	TDR: 00000780453
FILE: \RGG\00019\543	REVISED: 03:11:12 01/09/2013	BY: RGGWT
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.

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°

15209

MATL: NOTED			
REV:	G	CHANGE ALL "NAMEPLATE" TEXT TO "LABEL"	
60Z91		SCALE: -	BY: BKW
		FILE: CHB00002485	REVISED: 02/19/97
		TDR: 0115147	

BALDOR ELECTRIC Co.

LABEL, CONNECTIONS AND TERMINAL MARKINGS DC