



Customer information packet

D50125P

125HP, 1750/2000RPM, DC, 407AT, DPFG, FX, N

Specifications

Armature Voltage	500 V
Base Speed	1750 rpm
Enclosure	DPFG
Field Voltage	150 V
	300 V
Frame	407AT
Frame Material	Steel
Output Power	125.000 HP
Agency Approvals	CSA
Ambient Temperature	40 °C
Armature Current	200.0 a
Bearing Grease Type	Polyrex EM (-20F +300F)
Drip Cover	No Drip Cover
Duty Rating	CONT
Feedback Device	NO FEEDBACK
Field Winding Type	STR. SHUNT
Heater Indicator	No Heater
Lifting Lugs	Standard Lifting Lugs
Motor Standards	NEMA
Mounting Arrangement	F1
Overall Length	40.13 IN
Service Factor	1.00
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Slinger Indicator	No Slinger

Part detail

Revision	D
Type	DC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	K0069A A
Layout	877-2
Eff. date	03-22-2022
CD Diagram	15209
Poles	00
Leads	
Proprietary	False
Created date	04-09-2015

Nameplate

NP1734									
CAT.NO.	D50125P			MODEL	T40R8001				
HP	125	RPM	1750/2000		FRAME	0407AT			
ARM V	500		ARM A	200.00	WOUND	STR. SHUNT			
FLD V	150/300	FLD A	9.18-6.00/4.59-3.00						
CONN		OHMS				CL	F		
ENCL	DPFG	DUTY	CONT			MX AMB	40		
P CODE	D	CTSR				SER.F.	1.0		
S/N				E/S	K0069A A				
	BRUSH:40019-3								
O.D.E. BRG.	6213	D.E. BRG.	6214	BRUSH					
							QTY		

Accessories

Part number	Description	Multiplier
96EP5000A01	C-FACE CONVERSION KIT FOR STOCK MTR,FR 4	

CUSTOMER NAME
CUSTOMER P.O.
CERTIFIED BY

DATE

MODEL NO.
FRAME H.P.
R.P.M. TYPE
VOLTS ENCL

MTG. PHASE
FREQ.

REMARKS
INSUL
AMB.

SHEET 2 OF 3

UNITS: INCH
SCALE: NONE
PROPORTION: NONE
PART NUMBER: 877
DWG. SIZE: A

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

FOOT MOUNTING								D.E. SHAFT EXTENSION				DRIVE KEY		ACC SHAFT EXTENSION				KEY 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		
407AT	6.63	8.00	18.00	.81	.938	4.00	5.44	5.25	2.625	5.00 ³	.19	.625	4.00	4.95	2.375	4.70	.625	3.50	20.00	20.00	40.13	44.34	10.00 ²	20.19	20.38		
L407AT	6.63	8.00	18.00	.81	.938	4.00	5.44	5.25	2.625	5.00 ³	.19	.625	4.00	4.95	2.375	4.70	.625	3.50	20.00	20.00	41.25	45.46	10.00 ²	20.19	20.38		
409AT	6.63	8.00	22.00	.81	.938	4.00	5.44	5.25	2.625	5.00 ³	.19	.625	4.00	4.95	2.375	4.70	.625	3.50	20.00	24.00	44.63	48.84	10.00 ²	20.19	20.38		
L409AT	6.63	8.00	22.00	.81	.938	4.00	5.44	5.25	2.625	5.00 ³	.19	.625	4.00	4.95	2.375	4.70	.625	3.50	20.00	24.00	45.75	49.96	10.00 ²	20.19	20.38		
L4011AT	6.63	8.00	28.00	.81	.938	4.00	5.44	5.25	2.625	5.00 ³	.19	.625	4.00	4.95	2.375	4.70	.625	3.50	20.00	30.00	52.75	56.96	10.00 ²	20.19	20.38		

CONDUIT BOX								ARM APPROX. WK ² LBS.FT. ²	APPROXIMATE WEIGHT
FRAME	AA	AB	AC	AF	BS	XL	XN		
407AT	3	18.28	14.45	3.34	14.50	11.63	7.76	35.47	1317 ⁵
L407AT	3	18.28	14.45	3.34	15.62	11.63	7.76	35.47	1367 ⁵
409AT	3	18.28	14.45	3.34	19.00	11.63	7.76	43.81	1613 ⁵
L409AT	3	18.28	14.45	3.34	20.12	11.63	7.76	43.81	1663 ⁵
L4011AT	4	19.28	14.63	3.50	27.70	13.40	13.50	55.64	2260 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 T.I.R. MAX.
 4) SHAFT DIAMETERS ABOVE 1.625 RUNOUT .003 T.I.R. MAX.
 5) 'D' DIMENSION TOLERANCE +.000 -.060
 6) 'V' DIMENSION IS MAX. HUB LENGTH ON SHAFT
 7) CONDUIT BOX CAN BE ROTATED IN 90° STEPS ON ITS OWN AXES.
 8) TOTAL WEIGHT OF MOTOR.
 9) ALL DIMENSIONS NOT NOTED ARE NOMINAL DIMENSIONS CONSULT FACTORY FOR TOLERANCES.

FOR F1 OR F2 CONDUIT BOX LOCATION SEE SALES ORDER

DESIGNER
CSL
7-19-91
ENGINEER
RFL
7-19-91
ENGINEER
DAG
7-19-91
MANUF.
RWT
7-19-91

TITLE: DIMENSION SHEET
DPFG, STD AT
SHEET 2 OF 3

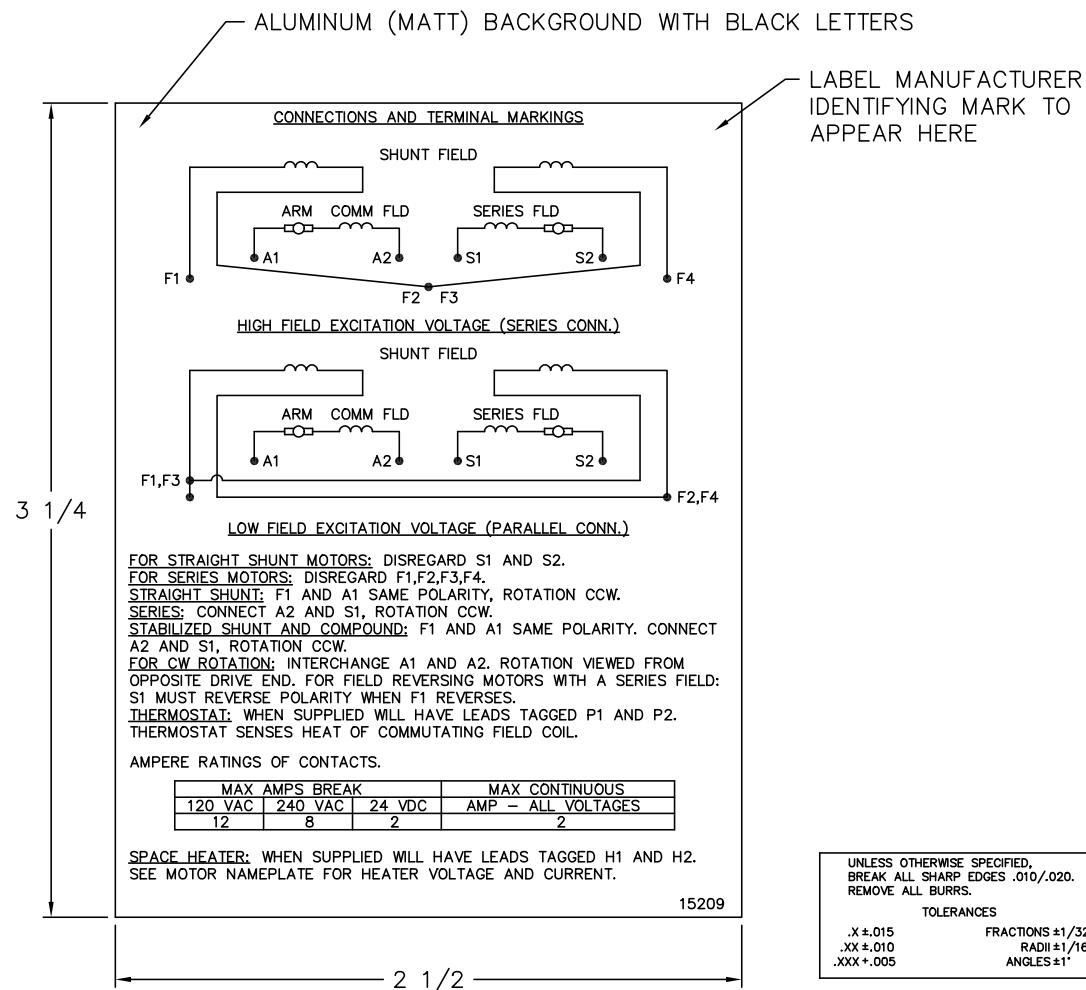
BALDOR

B 54100 ADD L4011AT FRAME
REV. ECO. DESCRIPTION

CSL 3-16-1994
BY DATE

MANUF. PART NUMBER 877
DWG. SIZE A

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°

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

15209