



Customer information packet

D50150P2-BV

407AT, 150HP, 1750RPM, 500, 150, DPBV, F1

Specifications

Enclosure	DPBV
Frame	407AT
Frame Material	Steel
Output Power	150.000 HP
Agency Approvals	CSA
Ambient Temperature	40 °C
Bearing Grease Type	Polyrex EM (-20F +300F)
Drip Cover	No Drip Cover
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
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Slinger Indicator	No Slinger

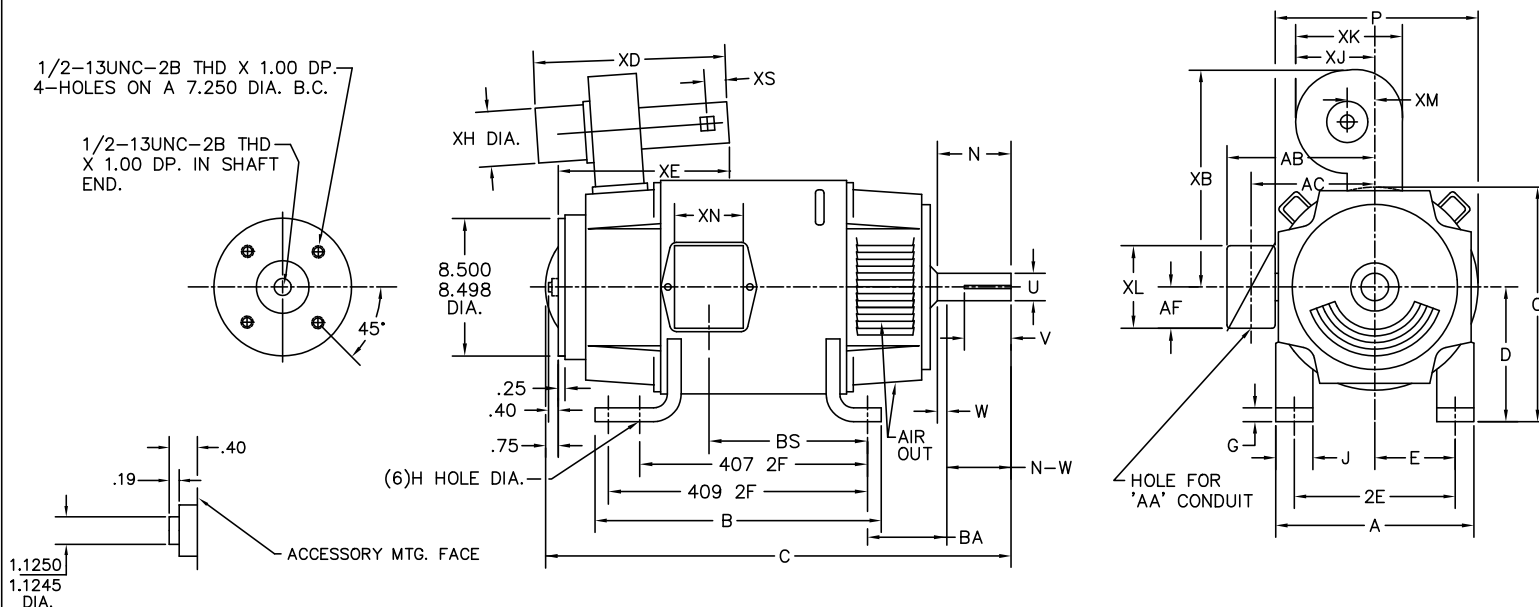
Part detail

Revision	C
Type	DC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	K0107A B
Layout	2340
Eff. date	03-07-2022
CD Diagram	15209
Poles	00
Leads	
Proprietary	False
Created date	04-09-2015

Nameplate

NP1734									
CAT.NO.	D50150P2-BV		MODEL		T40R8003				
HP	150	RPM	1750/2000		FRAME		0407AT		
ARM V	500		ARM A		238.00	WOUND		STR. SHUNT	
FLD V	150/300	FLD A	8.10-5.40/4.05-2.70						
CONN			OHMS				CL	F	
ENCL	DPBV	DUTY	CONT				MX AMB	40	
P CODE	C	CTSR					SER.F.	1.0	
S/N			E/S		K0107A B				
	BRUSH:40019-3								
O.D.E. BRG.	6213	D.E. BRG.	6214	BRUSH				QTY	

2340



FOOT MOUNTING								D.E. SHAFT EXTENSION					DRIVE KEY		FRAME					
FRAME	BA	E	407 2F	409 2F	G	H	J	N	N-W	U	V	W	KEY-SQ.	KEY-LONG	A	B	C	D	O	P
407-9AT	6.63	8.00	18.00	22.00	.81	.938	4.00	5.44	5.25	2.625 ¹	5.00 ⁴	.19	.625	4.00	20.00	24.00	40.13	10.00 ³	20.19	20.38

	CONDUIT BOX							BLOWER								APPROXIMATE WEIGHT	
FRAME	AA	AB	AC	AF	BS	XL	XN	SIZE	XB	XD	XE	XH	XM	XJ	XK		XS
407-9AT	3	18.28	14.45	3.34	14.50	11.63	7.76	6	19.63	26.38	19.13	10.25	4.19	9.44	11.50	3.75	1355

- 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.

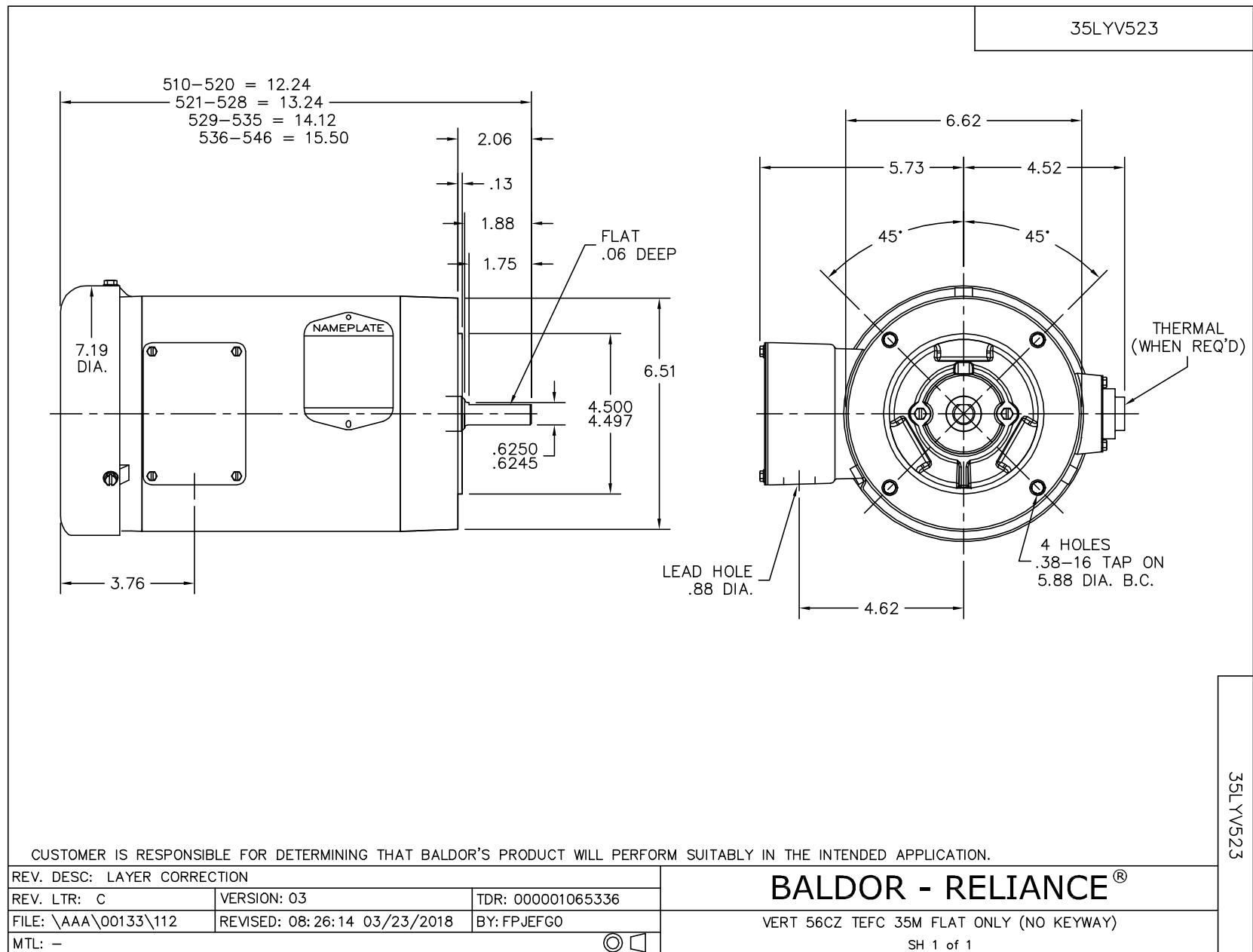
FOR F1 OR F2 CONDUIT BOX
LOCATION SEE SALES ORDER

MATL:	-		
REV:	-	NEW LOAD	
0722	SCALE: -	BY: RRL	REVISED: 01/27/98
	FILE: CHB00005828	TDR: 0127363	

BALDOR ELECTRIC Co.

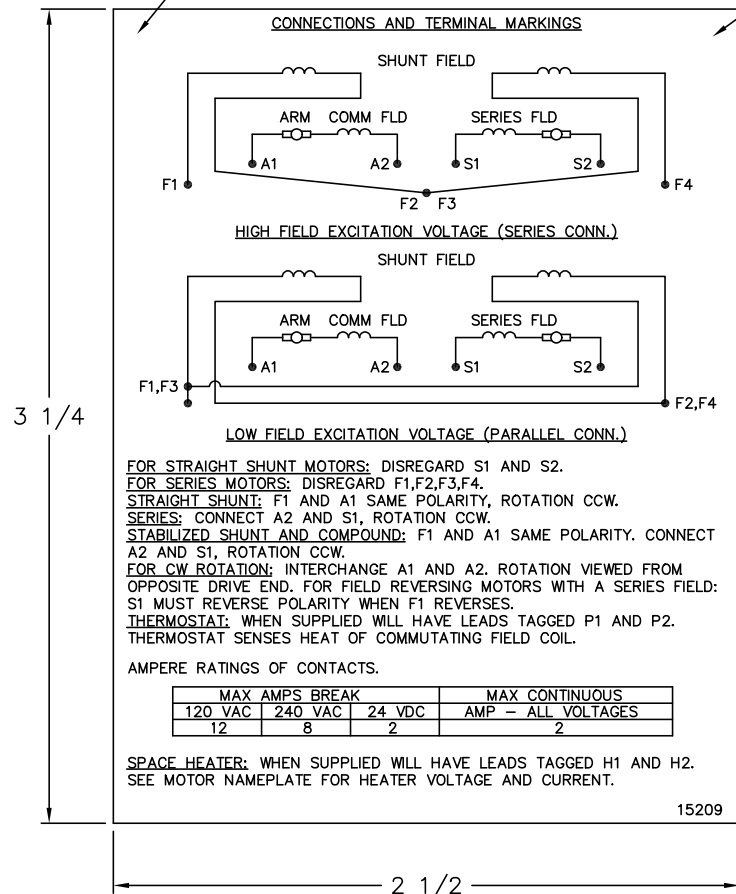
DIM SHEET, 407-9AT, DPBV, WITH 407 AND 409 MOUNTING

2340



15209

ALUMINUM (MATT) BACKGROUND WITH BLACK LETTERS

LABEL MANUFACTURER
IDENTIFYING MARK TO
APPEAR HERE**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	RADI ±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

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LABEL, CONNECTIONS AND TERMINAL MARKINGS DC

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