



Customer information packet

D50150P

150HP, 1750/2000RPM, DC, 409AT, DPFG, F1, N

Specifications

Enclosure	DPFG
Frame	409AT
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	44.34 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Slinger Indicator	No Slinger

Part detail

Revision	B
Type	DC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	K0108A A
Layout	877-2
Eff. date	04-04-2022
CD Diagram	15209
Poles	00
Leads	
Proprietary	False
Created date	04-09-2015

Nameplate

NP1734									
CAT.NO.	D50150P			MODEL	T40R8002				
HP	150	RPM	1750/2000		FRAME	0409AT			
ARM V	500		ARM A	237.00	WOUND	STR. SHUNT			
FLD V	150/300	FLD A	7.08-4.70/3.54-2.35						
CONN			OHMS			CL	F		
ENCL	DPFG	DUTY	CONT		MX AMB	40			
P CODE	D	CTSR			SER.F.	1.0			
S/N				E/S	K0108A A				
	BRUSH:40019-3								
O.D.E. BRG.	6213	D.E. BRG.	6214	BRUSH					QTY

Accessories

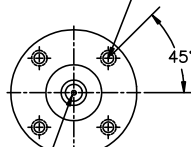
Part number	Description	Multiplier
96EP5000A01	C-FACE CONVERSION KIT FOR STOCK MTR,FR 4	

CUSTOMER NAME		MODEL NO.			MTG.		REMARKS:	
CUSTOMER P.O.		FRAME		R.P.M.	VOLTS	PHASE		INSUL
CERTIFIED BY		H.P.		TYPE	ENCL	FREQ.		AMB.

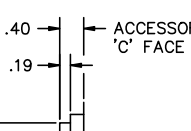
SHEET 2 OF 3

UNITS: INCH	SCALE: NONE	PROPORTION: NONE	PART NUMBER 877	DWG. SIZE A
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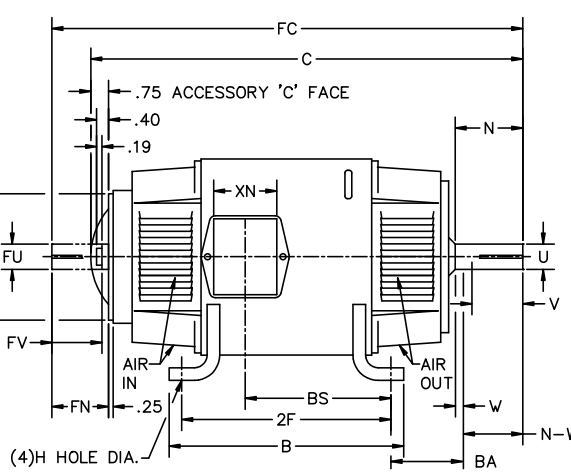
1/2-13UNC-2B THD X 1.00 DEEP
4-HOLES EQUALLY SPACED
ON A 7.250 DIA. B.C.

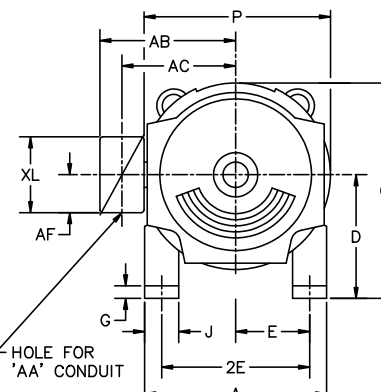


1/2-13 UNC-2B THD'S
1.00 DEEP IN SHAFT END



STANDARD COMM END
FOR SINGLE SHAFT EXTENSION





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	
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	

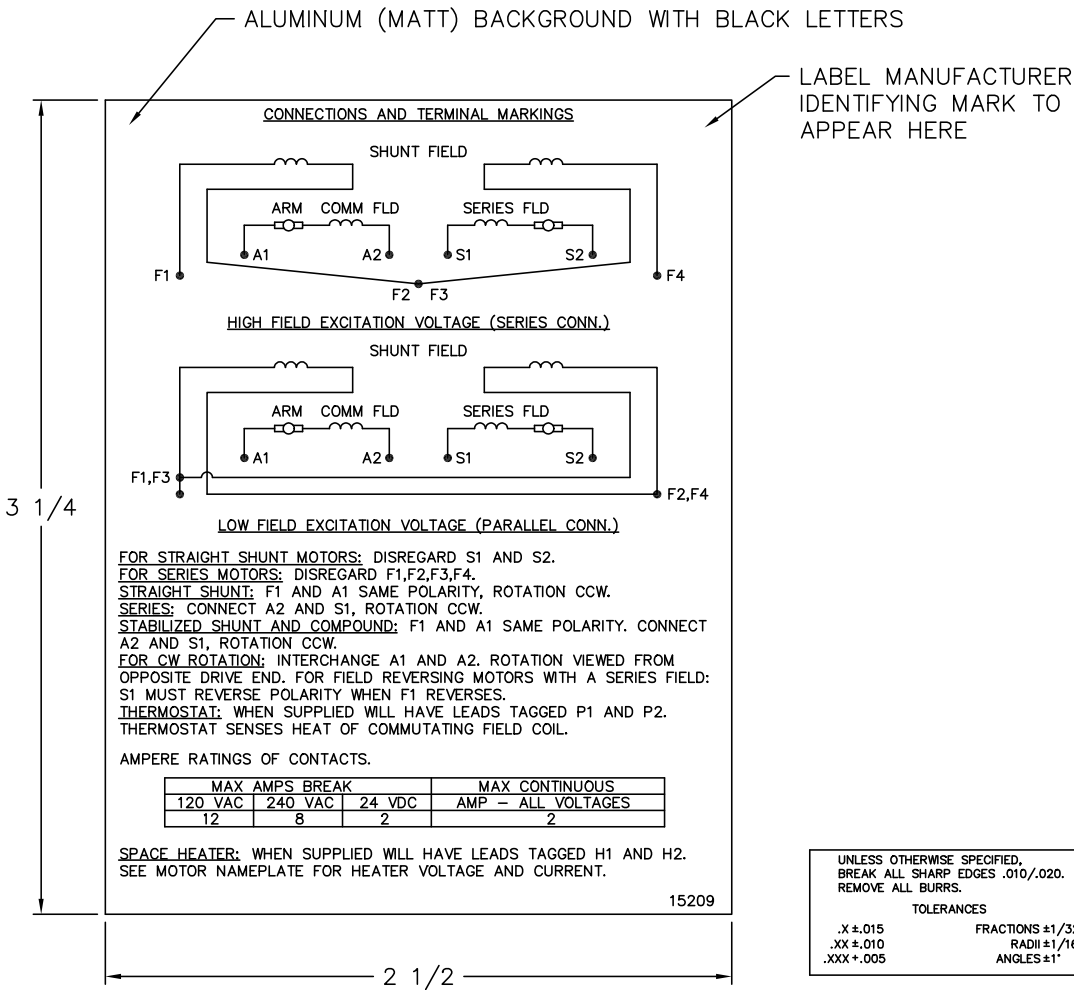
FRAME	CONDUIT BOX							ARM APPROX. WK ² LBS.FT. ²	APPROXIMATE WEIGHT
	AA	AB	AC	AF	BS	XL	XN		
407AT	3	18.28	14.45	3.34	14.50	11.63	7.76	35.47	1317 ⁵
L407AT	3	18.28	14.45	3.34	15.62	11.63	7.76	35.47	1367 ⁵
409AT	3	18.28	14.45	3.34	19.00	11.63	7.76	43.81	1613 ⁵
L409AT	3	18.28	14.45	3.34	20.12	11.63	7.76	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
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.
6) 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	BALDOR	TITLE: DIMENSION SHEET				
ENGINEER RFL 7-19-91		DPFG, STD AT				
ENGINEER DAC 7-19-91		SHEET 2 OF 3				
MANUF. RWT 7-19-91						
B 54100	ADD L4011AT FRAME	CSL 3-16-1994		PART NUMBER 877	DWG. SIZE A	REV. B
REV.	ECO.	DESCRIPTION	BY	DATE		

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