



Customer information packet

D5007P

7.5HP/1750-2300RPM/DC/NEMA 218AT

Specifications

Armature Voltage	500 V
Base Speed	1750 rpm
Enclosure	DPFG
Field Voltage	150 V
	300 V
Output Power	7.500 HP
Agency Approvals	CSA
Ambient Temperature	40 °C
Armature Current	13.2 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	25.93 IN
Service Factor	1.00
Shaft Diameter	1.375 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Slinger Indicator	No Slinger
Thermal Device - Bearing	None

Part detail

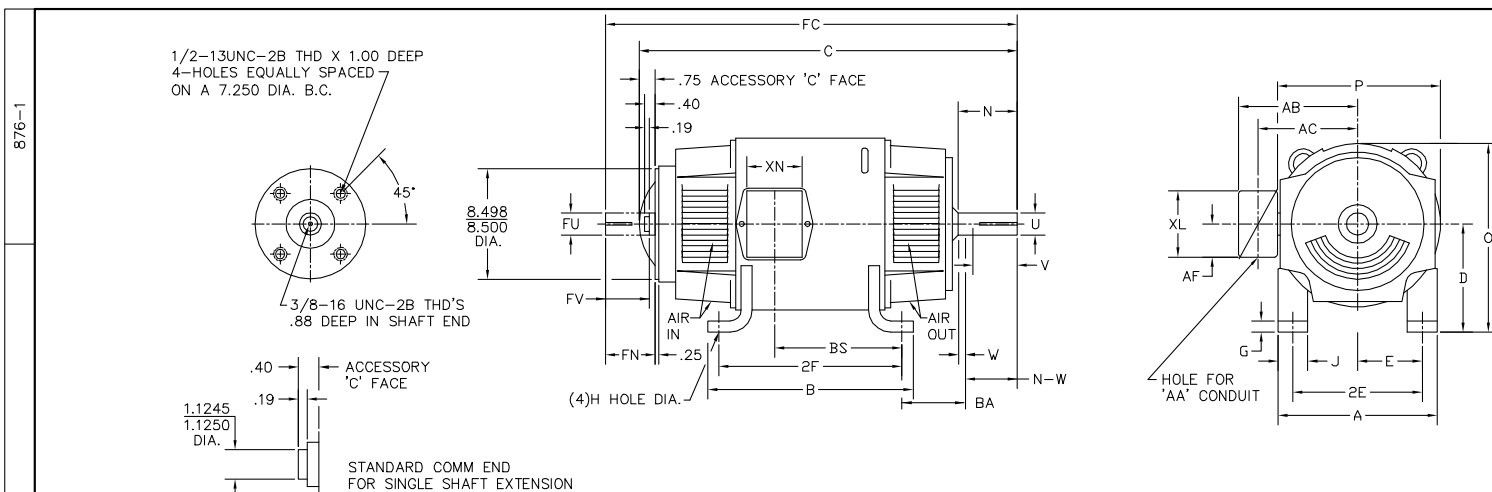
Revision	-
Type	DC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	K0015A A
Layout	876-1
Eff. date	01-06-2020
CD Diagram	15209
Poles	00
Leads	
Proprietary	False
Created date	12-20-2019

Nameplate

NP1734										
CAT.NO.	D5007P			MODEL	T21S8004					
HP	7.5	RPM	1750/2300		FRAME	0218AT				
ARM V	500		ARM A	13.20	WOUND	STR. SHUNT				
FLD V	150/300	FLD A	1.38-.70/.69-.35							
CONN			OHMS	307.6		CL	F			
ENCL	DPFG	DUTY	CONT		MX AMB	40				
P CODE	D	CTSR			SER.F.	1.0				
S/N				E/S	K0015A A					
	-									
O.D.E. BRG.	6207	D.E. BRG.	6207	BRUSH	150986-21-10				QTY	2

Accessories

Part number	Description	Multiplier
91EP5000A01	C-FACE CONVERSION KIT FOR STOCK MTR,FR 2	P1



	FOOT MOUNTING						D.E. SHAFT EXTENSION					DRIVE KEY			ACC SHAFT			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		
218AT	3.50	4.25	10.00	.50	.406	2.00	3.00	2.75	1.375	2.50 ³	.25	.312	1.75	2.44	1.125	2.19	.250	2.25	10.38	11.00	24.25	25.93	5.25 ²	10.47	10.44		
219AT	3.50	4.25	11.00	.50	.406	2.00	3.00	2.75	1.375	2.50 ³	.25	.312	1.75	2.44	1.125	2.19	.250	2.25	10.38	12.00	25.25	26.93	5.25 ²	10.47	10.44		
2110AT	3.50	4.25	12.50	.50	.406	2.00	3.00	2.75	1.375	2.50 ³	.25	.312	1.75	2.44	1.125	2.19	.250	2.25	10.38	13.50	26.75	28.43	5.25 ²	10.47	10.44		
258AT	4.25	5.00	12.50	.69	.531	2.25	3.44	3.25	1.625	3.00 ³	.19	.375	2.31	3.33	1.375	3.08	.312	3.00	12.38	14.00	27.25	29.84	6.25 ²	12.47	12.44		
259AT	4.25	5.00	14.00	.69	.531	2.25	3.44	3.25	1.625	3.00 ³	.19	.375	2.31	3.33	1.375	3.08	.312	3.00	12.38	15.50	28.75	31.34	6.25 ²	12.47	12.44		
2510AT	4.25	5.00	16.00	.69	.531	2.25	3.44	3.25	1.625	3.00 ³	.19	.375	2.31	3.33	1.375	3.08	.312	3.00	12.38	17.56	30.75	33.34	6.25 ²	12.47	12.44		
2513AT	4.25	5.00	22.00	.69	.531	2.25	3.44	3.25	1.625	3.00 ³	.19	.375	2.31	3.33	1.375	3.08	.312	3.00	12.38	23.50	36.75	39.34	6.25 ²	12.47	12.44		

FRAME	CONDUIT BOX							AFM APPROX. WK ² LBS./FT. ²	APPROXIMATE WEIGHT
	AA	AB	AC	AF	BS	XL	XN		
218AT	3/4-1	7.91	6.44	2.44	8.38	3.81	3.12	1.35	242 ⁵
219AT	3/4-1	7.91	6.44	2.44	9.38	3.81	3.12	1.49	260 ⁵
2110AT	3/4-1	7.91	6.44	2.44	10.88	3.81	3.12	1.71	286 ⁵
258AT	1 1/4	9.35	7.72	2.94	9.75	4.94	4.00	2.91	366 ⁵
259AT	1 1/4	9.35	7.72	2.94	11.25	4.94	4.00	3.31	411 ⁵
2510AT	1 1/4	9.35	7.72	2.94	13.25	4.94	4.00	3.80	471 ⁵
2513AT	1 1/4	9.35	7.72	2.94	19.25	4.94	4.00	5.27	532 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.

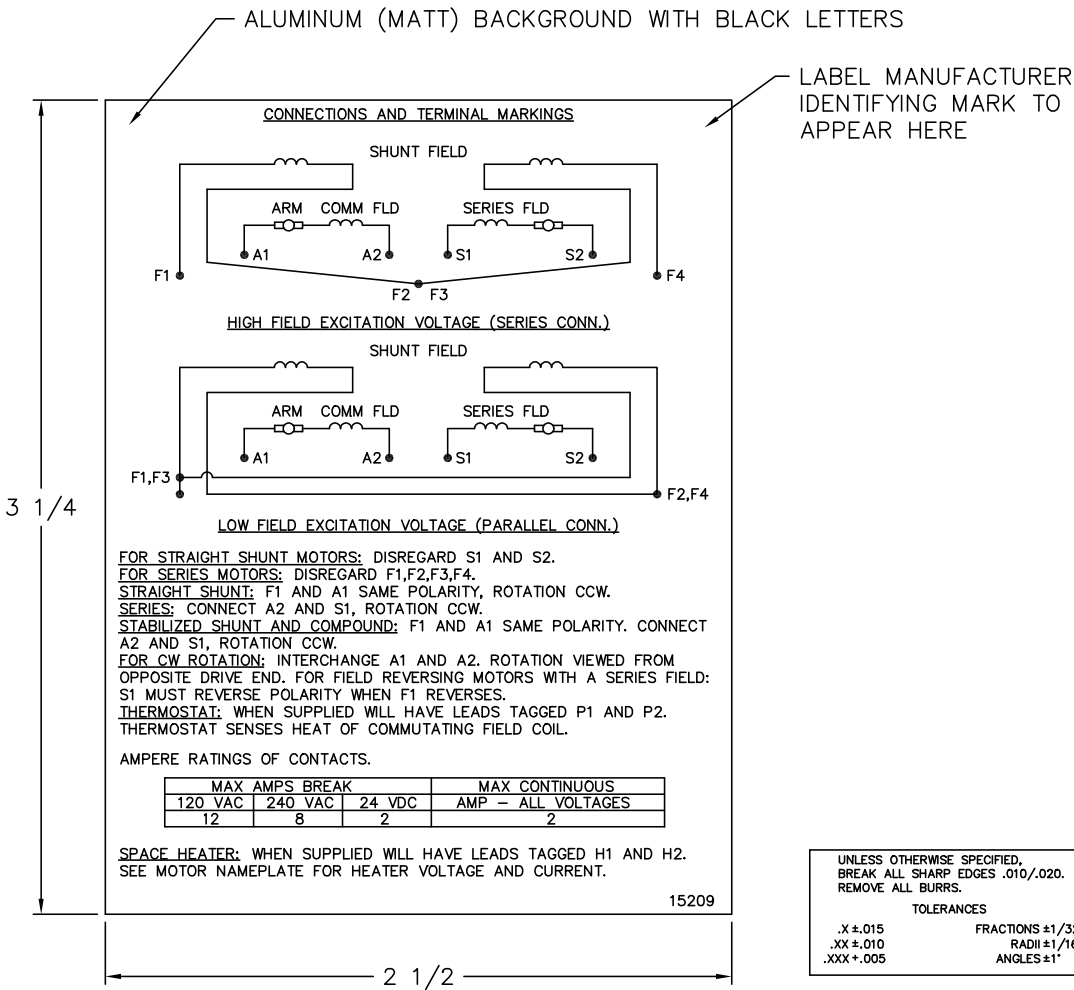
FOR F1 OR F2 CONDUIT BOX
LOCATION SEE SALES ORDER

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

REV. DESC: REV. "D" DIM TO +.000 -.060 ONLY		
REV. LTR: B	VERSION: 01	TDR: 000000752566
FILE: \RGG\00019\505	REVISED: 09:35:03 06/20/2012	BY: RGGNAS
MTL: -		

BALDOR
DIM SHEET,218AT-2513AT,DPFG,STD
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.

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