



Customer information packet

D2020P

20HP/1750-2300RPM/DC/NEMA 259AT

Specifications

Armature Voltage	240 V
Base Speed	1750 rpm
Enclosure	DPFG
Field Voltage	300 V
Output Power	20.000 HP
Agency Approvals	CSA
Ambient Temperature	40 °C
Armature Current	70.5 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	31.34 IN
Service Factor	1.00
Shaft Diameter	1.624 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Slinger Indicator	No Slinger
Thermal Device - Bearing	None

Part detail

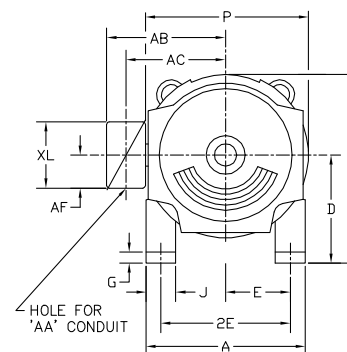
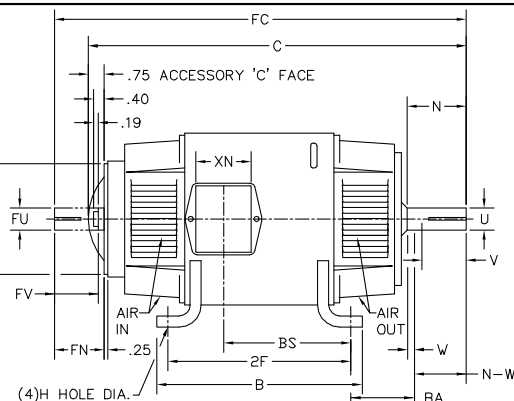
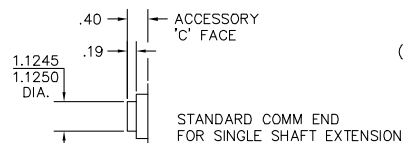
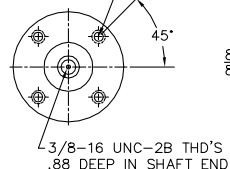
Revision	-
Type	DC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	K0037A A
Layout	876-1
Eff. date	12-26-2019
CD Diagram	15209
Poles	00
Leads	
Proprietary	False
Created date	12-20-2019

Nameplate

NP1734										
CAT.NO.	D2020P		MODEL		T25S8004					
HP	20	RPM	1750/2300		FRAME		0259AT			
ARM V	240		ARM A		70.50	WOUND		STR. SHUNT		
FLD V	150/300		FLD A		2.48-1.50/1.24-.75					
CONN			OHMS		167.6		CL		F	
ENCL	DPFG		DUTY		CONT		MX AMB		40	
P CODE	D		CTSR				SER.F.		1.0	
S/N			E/S		K0037A A					
	-									
O.D.E. BRG.	6207	D.E. BRG.		6209	BRUSH		150986-25-1		QTY	4

876-1

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			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	
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

CONDUIT BOX								ARM APPROX. WK ² LBS.FT. ²	APPROXIMATE WEIGHT
FRAME	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

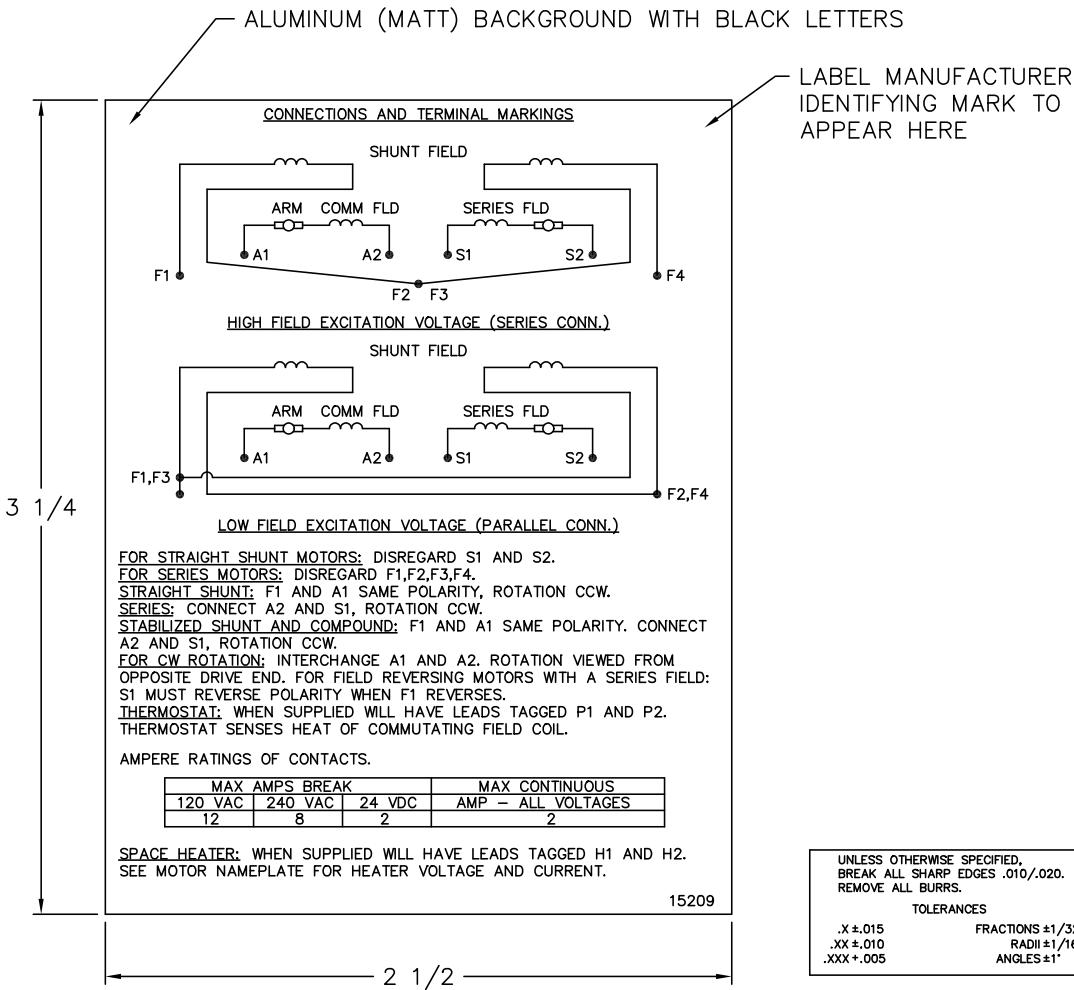
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

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, F1
SH 1 of 1

1-876-1

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