

BALDOR® • RELIANCE

Product Information Packet

CDMG2310

10KW,2500RPM,DC,219ATC,DPFG,F2

Part Detail							
Revision:	B	Status:	PRD/A	Change #:		Proprietary:	No
Type:		Prod. Type:		Elec. Spec:		CD Diagram:	
Enclosure:		Mfg Plant:		Mech. Spec:		Layout:	2056
Frame:		Mounting:		Poles:		Created Date:	02-17-2014
Base:		Rotation:		Insulation:		Eff. Date:	11-26-2014
Field Type:		Literature:		Elec. Diagram:		Replaced By:	

Nameplate 15405							
CAT.NO.	CDMG2310	MODEL	T21R8006				
K.W.	10 KW	RPM	2500	FRAME	0219ATC		
ARM V	230	ARM A	43.50	WOUND	COMPOUND		
FLD V	230	FLD A	.88-1.22/1.08-.61				
CONN		OHMS	188.5	CL	F		
ENCL	DPFG	DUTY	CONT	MX AMB	40		
SER.F.	1.0						
SER.NO		E/S	K00002A				
O.D.E. BRG.	6207	D.E. BRG.	6207	BRUSH	150986-21-1	QTY	2

Parts List		
Part Number	Description	Quantity
SA281202	SA T21R8006	1.000 EA
AA015370	AA T21R8006	1.000 EA
000613006NT	NAME PLATE IEC	1.000 EA
15405	ALUM CSA DC GENERATOR	1.000 EA
151128	LABEL DC GENERATOR CONN. & TERMINAL MARK	1.000 EA
MG1025N19	PAINT, 778.50 WILKO, RELIANCE ELEC GREEN	0.100 GA
21010-3	ARM END LAM.	2.000 EA
032018004BK	HHCS 5/16-18X1/2 PLATED	2.000 EA
21013	FAN,INJ MOLDED,210 SERIESBLACK FIBERGLAS	1.000 EA
21016	BALANCE RING FR 21 SERIES #7 GA HR S	2.000 EA
034180050CA	KEY 3/16 SQ X 6.25	1.000 EA
032018014CK	HHCS 3/8-16X1-3/4L	4.000 EA
032018014CK	HHCS 3/8-16X1-3/4L	4.000 EA
21038-2	INTERPOLE STACK, FR 219	2.000 EA
424504006AA	SHIM PACKAGE	1.000 EA
424508100A	BALDOR ROUND DC FRAME INSULATION B/M	1.000 EA
034141137AA	SNAP RING	1.000 EA
15094	DISHED LOCKWASHER .332 ID, .865 OD	2.000 EA
150986-21-1SP	BRUSH,210 FR. SERIES E-41 SGL/CARBON	2.000 EA
032018032BK	HHCS 5/16-18X4"PLTD-250	4.000 EA
21078-6	FE BRKT MACH ATC 210FR. STANDARD FOR L	1.000 EA
HW5100A07	W2816-030 WVY WASHER (WB)	1.000 EA
032018004AK	HHCS 1/4-20X1/2 PLATED	4.000 EA
21090	TERM BOX HOLE COVER 1018 STEEL PLATE	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
21091	GASKET TERM BOX FRAME 210 1/8 THK CO	1.000 EA
032018048BK	5/16-18 X 6.00 HHCS	4.000 EA
032130016AA	HSCHS	2.000 EA
034690001AC	P/PLG	2.000 EA
21075-13	ODE BRKT MACH,FR 210,LOCKED ODE BRG,FOR	1.000 EA
HA4048A05	DRIVE-IN PLUG,1.38"EXPAN.PLUG,	1.000 EA
032018004BK	HHCS 5/16-18X1/2 PLATED	2.000 EA
15094	DISHED LOCKWASHER .332 ID, .865 OD	2.000 EA
21702-1	ROCKER RING ASSY FR 210 1 BRUSH PER BRU	1.000 EA
032018004AK	HHCS 1/4-20X1/2 PLATED	2.000 EA
032018004AK	HHCS 1/4-20X1/2 PLATED	28.000 EA
15029-1	TERM.BOX BASE FR-210 DUREX P/N:1DR	1.000 EA
15029-2	TERM.BOX COVER FR-210 DUREX P/N:D616	1.000 EA
15029-3	GASKET T BOX CVR,1/8 THK ARMSTRONG DC 20	1.000 EA
150449-25	T BOX GRD STUD ARG 1/4 20 DIA. STUD	1.000 EA
21079-1	GASKET,CVR,FAN END,FR.2103/32 THK DC205(	3.000 EA
21079-2	GASKET COVER CE FRAME 210	3.000 EA
21080-1	VENT COVER FR 21 SERIES	3.000 EA
21080-2	VENT COVER, FR 21 SERIES W-5.00	3.000 EA
MG1025G05	MEDIUM CHARCOAL METALLIC GREY	1.000 GA
034180014EA	KEY 5/16X5/16X1-3/4L	1.000 EA
PA1100	PACK FOR #1 SKID; CUSTOM	1.000 EA
MG5047	VARNISH 004824-001HM	0.400 GA
LB1171	LABEL CARTON 6X6 ON LINE BLANK ROLLS	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
482413009Y	#9 SLEEVING (GREEN)	6.000 FT
482413015Y	#15 SLVG	6.000 FT
482413010Y	#10 SLEEVING (GREEN)	6.000 FT
041009029E	#8 BUTT CONNECTOR	3.000 EA
041009029B	CONNECTOR, RTD	4.000 EA
041009029D	12-10BUTT CONNECTOR 350 J	3.000 EA
MN605	INTEGRAL HP DC MOTORS 2/09	1.000 EA

No performance data has been
assigned to this product.



FRAME	BA	E	2F	G	H	J	AH	AJ	AK	SB MIN	BC	BD	BF THREAD	DEEP	N	N-W	U	V	W	KEY-SQ.	KEY-LONG	A	B	C	D	O	P
1810AT	2.75	3.75	11.00	.38	.406	1.50	2.125	7.250	8.500	.25	—	8.69	1/2-13	.75	2.90	2.77	1.125 ¹	2.50 ³	.13	.250	1.38	12.25	12.25	21.46	4.50 ²	9.00	9.00
219AT	3.50	4.25	11.00	.50	.406	2.00	2.50	7.250	8.500	.24	.25	8.75	1/2-13	1.00	3.00	2.75	1.375 ¹	2.50 ³	.25	.312	1.75	12.00	12.00	24.50	5.25 ²	10.47	10.44
258AT	4.25	5.00	12.50	.69	.531	2.25	3.00	7.250	8.500	.27	.25	8.75	1/2-13	.97	3.44	3.25	1.625 ¹	3.00 ³	.19	.375	2.31	12.38	14.00	26.50	6.25 ²	12.47	12.44
259AT	4.25	5.00	14.00	.69	.531	2.25	3.00	7.250	8.500	.27	.25	8.75	1/2-13	.97	3.44	3.25	1.625 ¹	3.00 ³	.19	.375	2.31	15.50	15.50	28.00	6.25 ²	12.47	12.44
288AT	4.75	5.50	14.00	.69	.531	2.50	3.50	9.000	10.500	.25	.25	10.75	1/2-13	.75	3.91	3.75	1.875 ¹	3.50 ³	.16	.500	2.50	15.62	15.62	32.00	7.00 ²	13.88	13.75
328AT	5.25	6.25	16.00	.81	.656	3.00	4.00	11.000	12.500	.25	.25	12.75	5/8-11	.88	4.40	4.25	2.125 ¹	4.00 ³	.15	.500	3.12	17.75	17.75	34.63	8.00 ²	15.94	15.88
329AT	5.25	6.25	18.00	.81	.656	3.00	4.00	11.000	12.500	.25	.25	12.75	5/8-11	.88	4.40	4.25	2.125 ¹	4.00 ³	.15	.500	3.12	19.75	19.75	36.63	8.00 ²	15.94	15.88

FRAME	AA	AB	AC	AF	BS	XL	XN	WEIGHT
1810AT	3/4NPT	INTEGRAL WITH ENDOPLATE						195
219AT	3-4-1	7.91	6.44	2.44	9.38	3.81	3.12	260
258AT	1-1/4	9.35	7.72	2.94	9.75	4.94	4.00	366
259AT	1-1/4	9.35	7.72	2.94	11.25	4.94	4.00	411
288AT	1-1/4	11.88	9.25	5.00	12.64	7.88	5.25	566
328AT	2	12.94	10.32	5.00	13.68	7.88	5.25	775
329AT	2	12.94	10.32	5.00	15.68	7.88	5.25	884

- 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 - .030
- 3) 'V' DIMENSION IS MAX. HUB LENGTH ON SHAFT
- 4) CONDUIT BOX CAN BE ROTATED IN 90° STEPS ON ITS OWN AXIS.
- 5) ALL DIMENSIONS NOT NOTED ARE NOMINAL DIMENSIONS CONSULT
 FACTORY FOR TOLERANCES.

MATL: —

REV:	-	NEW DWG. RELEASE
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2056

SCALE: —

BY: MBT

REVISÉ: 07/28/95

FILE:	CHB00004002
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TDR: 0078613

BALDOR ELECTRIC Co.

DIM SHEET, 1810ATC THRU 329ATC GENERATORS