



Product Information Packet

CD2105R

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Part Detail							
Revision:	E	Status:	PRD/A	Change #:		Proprietary:	No
Type:	DC	Prod. Type:		Elec. Spec:		CD Diagram:	
Enclosure:		Mfg Plant:		Mech. Spec:		Layout:	609958-001
Frame:		Mounting:		Poles:	00	Created Date:	02-17-2014
Base:		Rotation:	R	Insulation:		Eff. Date:	01-10-2018
Field Type:		Literature:		Elec. Diagram:		Replaced By:	

Specs			
Frame:	DC2112ATCZ		
Frame Material:	Exposed Laminations		
Agency Approvals:	CCSA US		
Base Indicator:	Rigid		
Bearing Grease Type:	Polyrex EM (-20F +300F)		
Drip Cover:	No Drip Cover		
Feedback Device:	NO FEEDBACK		
Frame Prefix:	DC		
Heater Indicator:	No Heater		
Insulation Class:	F		
Lifting Lugs:	Standard Lifting Lugs		
Shaft Extension Location:	Pulley End		
Shaft Ground Indicator:	No Shaft Grounding		
Shaft Slinger Indicator:	No Slinger		
Motor Standards:	NEMA		

Nameplate 000613006HP

CAT.NO.	CD2105R
FR	DC2112ATCZ
ENCL.	TENV
ENCL MOD	
MAX SAFE SPEED	4500
FIELD DATA	
WINDING	STR. SHUNT
VOLTS	200
MAX AMPS @ 25 C	1.34
HOT AMPS	.87
FLD DATA FOR HIGH VOLTS	
FLD VOLTS 100/200	

SPEC NO.	T21S1101		
HP	5	DUTY	CONT
RPM	1750	S.F.	1.0
VOLTS	180	INSUL	F
AMPS	23.00	AMB.	40
SER.NO.			
POWER CODE	2/2-230-60-0		
D.E. BRG.	30BC02JPP30A		
O.D.E. BRG.	30BC02JPG30A		
MIN. AMB.	0	TYPE	TR

Parts List		
Part Number	Description	Quantity
SA279599	SA T21S1101	1.000 EA
AA015319	AA T21S1101	1.000 EA
000613006HP	NAMEPLATE - RPM III D-C MOTOR W/CSA LOGO	1.000 EA
000692000FP	NP, WARNING LIFT INSTRUCTIONS	1.000 EA
000692000FS	WARNING LABEL	1.000 EA
036170004EA	ROUND HEAD DRIVE SCREW	6.000 EA
406770007	C/D TAG	1.000 EA
609832002A	ENLAM	2.000 EA
419903030AD	DC FRAME INSULATION DC2112	1.000 EA
036000050HB	MHHCS M6X50MM PLATED	2.000 EA
801759067AA	BRKT,DE,DC180	1.000 EA
036000012HB	HHCS M6X12MM LONG PLATED	4.000 EA
418018074A	GROUND LABEL G100 METRIC 160 D.C.	1.000 EA
036000035JB	MHHCS M8-1.25X35MM PLATE	8.000 EA
400638001C	WSHR	1.000 EA
801758061A	BRKT,ODE,DC180	1.000 EA
036000012HB	HHCS M6X12MM LONG PLATED	1.000 EA
036010010GB	M5-.8 X 10 HXWHD SCREW	2.000 EA
419904050A	BRUSH N	2.000 EA
610470003R	BRASY METRIC	1.000 EA
032018004CK	HHCS 3/8-16X1/2L PLATED	4.000 EA
033518006LB	HWHMS, .75IN 1/4-20	2.000 EA
033520003JE	SHWHS	1.000 EA
036620008AB	M6 METRIC EXT LOCKWASHER	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
06CB3500	BALDOR CONDUIT BOX LID	1.000 EA
06GS1001	BALDOR CONDUIT BOX GASKET	1.000 EA
422919200	HHCVR KIT,DC180,ODE,SOLID	1.000 EA
422919200	HHCVR KIT,DC180,ODE,SOLID	1.000 EA
422919200	HHCVR KIT,DC180,ODE,SOLID	1.000 EA
422919214	HHCVR KIT,DC210,ODE,SOLID	1.000 EA
706305020A	GUARD, SHAFT	1.000 EA
706310300A	COND BOX	1.000 EA
000640000P	TAG WINDING THERMOST	1.000 EA
000692000NF	NP 2POLE METRIC LABEL	1.000 EA
034180014DA	KEY 1/4X1/4X1-3/4 L	1.000 EA
MG5047	VARNISH 004824-001HM	0.200 GA
MG1025N19	WILKOFAS, 778.50, RELIANCE BLUE-GREEN	0.200 GA
PA1100	PACK FOR #1 SKID; CUSTOM	1.000 EA
LB1171	LABEL CARTON 6X6 ON LINE BLANK	1.000 EA
482413015Y	#15 SLVG	6.000 FT
482413008Y	#8 SLEEVING (GREEN)	6.000 FT
041009029B	CONNECTOR, RTD	4.000 EA
041009029E	#8 BUTT CONNECTOR	3.000 EA
MN604	INSTALLATION MANUAL, RPM III DC DC180-DC	1.000 EA

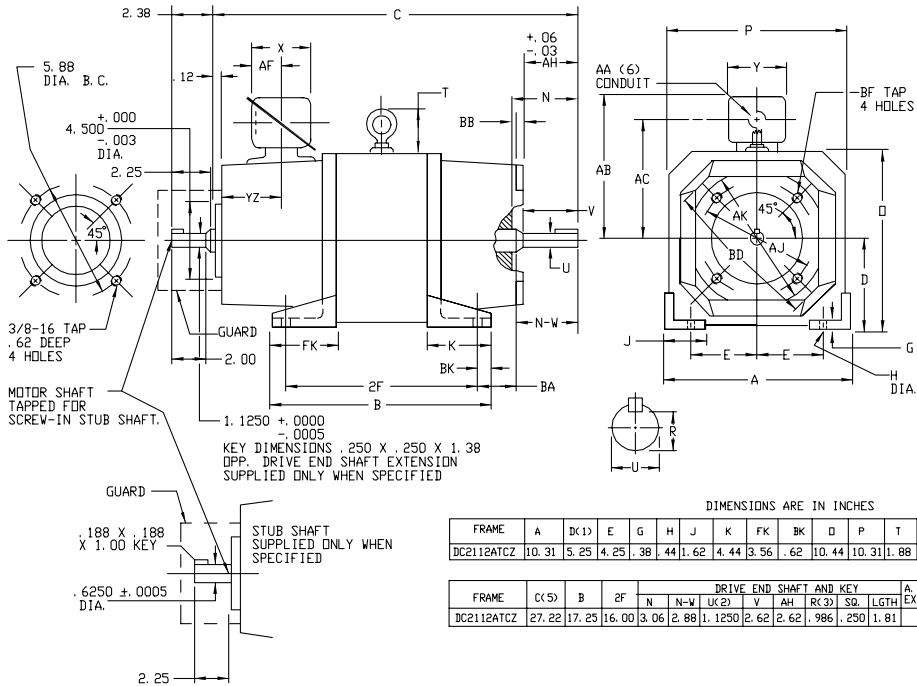
609958-001

INDUSTRIAL DIRECT CURRENT MOTORS
AND GENERATORS – RPM III

ENCLOSURE:DRIP-PROOF FULLY-GUARDED
SPLASHPROOF, TOTALLY ENCLOSED
MOUNTING:FOOT,"C" FACE
METHOD OF DRIVE:COUPLED OR BELTED

COOLING:SELF-VENTILATED
NON-VENTILATED
ACCESSORIES:PROVISIONS FOR
TACHOMETER MOUNTING
ONLY WHEN SPECIFIED

DC2112ATCZ



- (1) *D* DIMENSION WILL NOT BE EXCEEDED. SHIMS UP TO .03 INCHES IN THICKNESS ARE USUALLY REQUIRED FOR COUPLED OR GEARED MACHINES.
 - (2) *U* VARIES +.0000, -.0005.
 - (3) *R* VARIES +.000, -.015.
 - (4) *AK* VARIES +.000, -.003. FACE RUNDOUT AND ECCENTRICITY .004 MAX. T. I. R.
 - (5) WHEN THE MOTOR APPLICATION DOES NOT REQUIRE THE USE OF DPP, DRIVE END, ADD .25 TO *C* DIM. FOR BRACKET COVER.
 - (6) TERMINAL BOX CAN BE ROTATED TO REPOSITION CONDUIT CONNECTION. IF MOUNTING CLEARANCE DETAILS ARE REQUIRED CONSULT FACTORY.
- MOTOR WEIGHT MAY VARY 15% FOR NON-STANDARD RATINGS AND/OR ACCESSORIES.

DIMENSIONS ARE IN INCHES

FRAME	A	DK(1)	E	G	H	J	K	FK	BK	Q	P	T	BA	BB	BD	BF TAP	BF TAP DEPTH*	AJ	AK(4)
DC2112ATCZ	10.31	5.25	4.25	.38	4.44	1.62	4.44	3.56	.62	10.44	10.31	1.88	3.50	.25	8.75	1/2-13	.88	7.25	8.500

FRAME	C(5)	B	2F	DRIVE END SHAFT AND KEY										A.C. SHAFT EXT. REF.	TERMINAL BOX DIMENSIONS						WT. LBS.
				N	N-W	UK(2)	V	AH	R(3)	SD	LGTH	AA	AB		AC	AF	X	Y	YZ		
DC2112ATCZ	27.22	17.25	16.00	3.06	2.88	1.1250	2.62	2.62	.986	.250	1.81	180T	3/4	6.88	5.56	1.69	3.38	3.88	3.25	350	

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

REV. DESC: CHANGE LAB OFFICE TO 015 FROM 018	VERSION: 01	TDR: 000000872511
REV. LTR: A	REvised: 01:05:56 09/22/2014	BY: RSNDLB2
FILE: \RSN\00029\755		
MTL: -		

BALDOR
DIMENSION SHEET DC2112ATCZ
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