

BALDOR® • RELIANCE

Product Information Packet

D2003R

3HP,1750RPM,DC,189ATCZ,DPG,

Part Detail							
Revision:	C	Status:	PRD/A	Change #:		Proprietary:	No
Type:		Prod. Type:		Elec. Spec:		CD Diagram:	
Enclosure:		Mfg Plant:		Mech. Spec:		Layout:	609980-503
Frame:		Mounting:		Poles:		Created Date:	02-17-2014
Base:		Rotation:	R	Insulation:		Eff. Date:	12-16-2014
Field Type:		Literature:		Elec. Diagram:		Replaced By:	

Nameplate 000613006HP					
CAT.NO.	D2003R	SPEC NO.	T18R1127		
FR	DC0189ATCZ	HP	3	DUTY	CONT
ENCL.	DP	RPM	1750/ 2300	S.F.	1.0
ENCL MOD	GUARDED	VOLTS	240	INSUL	F
MAX SAFE SPEED	4500	AMPS	11.00	AMB.	40
	FIELD DATA		SER.NO.		
WINDING	STAB SHUNT	POWER CODE	C		
VOLTS	150	D.E. BRG.	30BC02JPP30A		
MAX AMPS @ 25 C	1.52	O.D.E. BRG.	30BC02JPG30A		
HOT AMPS	1.13/ .62	MIN. AMB.	0	TYPE	TR

Parts List		
Part Number	Description	Quantity
SA281184	SA T18R1127	1.000 EA
AA015352	AA T18R1127	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
406770001	C/D TAG (STAB SHUNT)	1.000 EA
419903080AA	FRINS DC189 4.5 CORE LTH	1.000 EA
036000050HB	MHHCS M6X50MM PLATED	2.000 EA
801758058AA	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
036500009AB	METRIC NUTM8-1.25PLTD-360	4.000 EA
036500009AB	METRIC NUTM8-1.25PLTD-360	4.000 EA
400638001C	WSHR	1.000 EA
609830005J	TBOLT METRC RP 609830-	4.000 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

Parts List (continued)		
Part Number	Description	Quantity
036620008AB	M6 METRIC EXT LOCKWASHER	1.000 EA
06CB3500	BALDOR CONDUIT BOX LID	1.000 EA
06GS1001	BALDOR CONDUIT BOX GASKET	1.000 EA
422919190	CVRKT BE	1.000 EA
422919190	CVRKT BE	1.000 EA
422919190	CVRKT BE	1.000 EA
422919199	CVRKT FE	1.000 EA
422919201	CVRKT FE	1.000 EA
422919201	CVRKT FE	1.000 EA
422919201	CVRKT FE	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	PAINT, 778.50 WILKO, RELIANCE ELEC GREEN	0.200 GA
PA1100	PACK FOR #1 SKID; CUSTOM	1.000 EA
LB1171	LABEL CARTON 6X6 ON LINE BLANK ROLLS	1.000 EA
482413010Y	#10 SLEEVING (GREEN)	6.000 FT
041009029D	12-10BUTT CONNECTOR 350 J	3.000 EA
MN604	RPM III DC DC180-DC210ATZ (175/bx) 1/09	1.000 EA
041009029B	CONNECTOR, RTD	4.000 EA
041009029D	12-10BUTT CONNECTOR 350 J	3.000 EA

Parts List (continued)		
Part Number	Description	Quantity
482413015Y	#15 SLVG	6.000 FT
482413010Y	#10 SLEEVING (GREEN)	6.000 FT

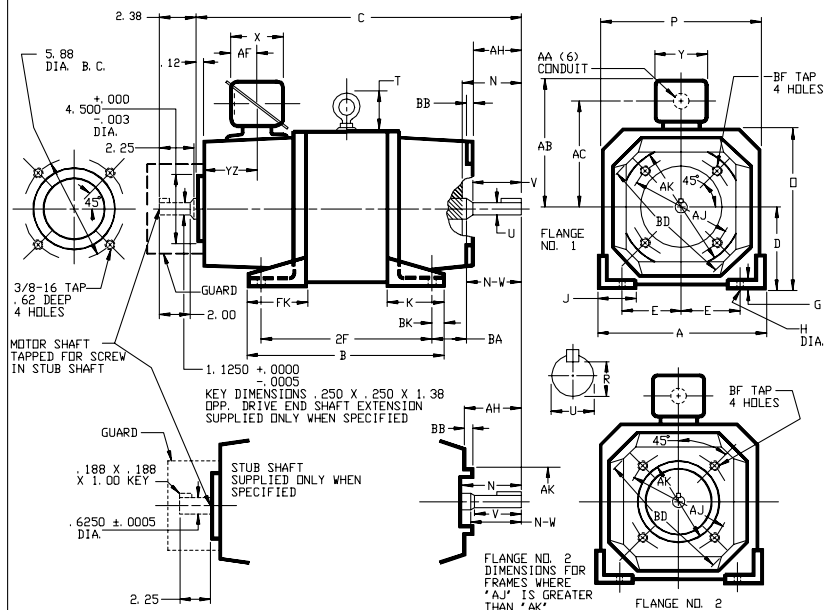
No performance data has been
assigned to this product.

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

DC180ATY-DC180ATCZ



DIMENSIONS ARE IN INCHES

FRAME	FLANGE	A	B (K1)	E	G	H	J	K	FK	BK	O	P	T	BA	BB	BD	BF	BP	BP TAP	AJ	AK(4)	A C SHAF T EXT. REF.
DC189ATY	NDL 2	9.00	4.50 3.75 .31	44.1	5.00	3.56	3.56	.50	8.88 8.75	1.88	2.75	.12	8.75	3/8-16	.62	5.88	4.500	140TC EXT.				
DC189ATCZ	NDL 1	9.00	4.50 3.75 .31	44.1	5.00	3.56	3.56	.50	8.88 8.75	1.88	2.75	.25	8.75	1/2-13	.88	7.25	4.500	180TC EXT.				
DC1810ATY	NDL 2	9.00	4.50 3.75 .31	44.1	5.00	3.56	3.56	.50	8.88 8.75	1.88	2.75	.12	8.75	3/8-16	.62	5.88	4.500	140TC EXT.				
DC1810ATCZ	NDL 1	9.00	4.50 3.75 .31	44.1	5.00	3.56	3.56	.50	8.88 8.75	1.88	2.75	.25	8.75	1/2-13	.88	7.25	4.500	180TC EXT.				
DC1811ATY	NDL 2	9.00	4.50 3.75 .31	44.1	5.00	3.56	3.56	.50	8.88 8.75	1.88	2.75	.12	8.75	3/8-16	.62	5.88	4.500	140TC EXT.				
DC1811ATCZ	NDL 1	9.00	4.50 3.75 .31	44.1	5.00	3.56	3.56	.50	8.88 8.75	1.88	2.75	.25	8.75	1/2-13	.88	7.25	4.500	180TC EXT.				

FRAME	FLANGE	C(5)	B	2F	DRIVE END SMART AND KEY										TERMINAL ROD DIMENSIONS						WT.
					N	N-U	U	V	AA	BB	SC	LGTH	AA	AR	AA	Y1	Y2				
DC189ATC	NL D	1	18.41	11.62	10.00	2	0.66	2.28	8750	0.20	0.12	1771	188	1.38	3/4	6.85	5.56	1.69	3.38	3.25	130
DC189ATC7	NL D	1	18.41	11.62	10.00	2	0.66	2.28	8750	0.20	0.12	1771	188	1.38	3/4	6.85	5.56	1.69	3.38	3.25	130
DC1810ATC	NL D	1	19.12	12.38	11.00	2	0.66	2.25	8750	0.20	0.12	1771	188	1.38	3/4	6.85	5.56	1.69	3.38	3.25	155
DC1810ATC7	NL D	1	19.12	12.38	11.00	2	0.66	2.25	8750	0.20	0.12	1771	188	1.38	3/4	6.85	5.56	1.69	3.38	3.25	155
DC1811ATC	NL D	1	21.66	13.88	12.50	2	0.66	2.25	8750	0.20	0.12	1771	188	1.38	3/4	6.85	5.56	1.69	3.38	3.25	185
DC1811ATC7	NL D	1	21.66	13.88	12.50	2	0.66	2.25	8750	0.20	0.12	1771	188	1.38	3/4	6.85	5.56	1.69	3.38	3.25	185

- (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 ROUNDT AND ECCENTRICITY .004 MAX. T. I. R.

- (5) WHEN THE MOTOR APPLICATION DOES NOT REQUIRE THE USE OF
OPP. 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.

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

REV. DESC: LOADED TO BUS		
REV. LTR: -	VERSION: 00	TDR: 000000577407
FILE: \RGG\00015\707	REVISED: 02:13:39 01/26/2011	BY: CONNAS
MTL: -		

BALDOR

DIMENSION DRAWING:DC180ATY – DC180ATCZ.DPP.TENV.FOOT MTG.

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