

BALDOR® • RELIANCE

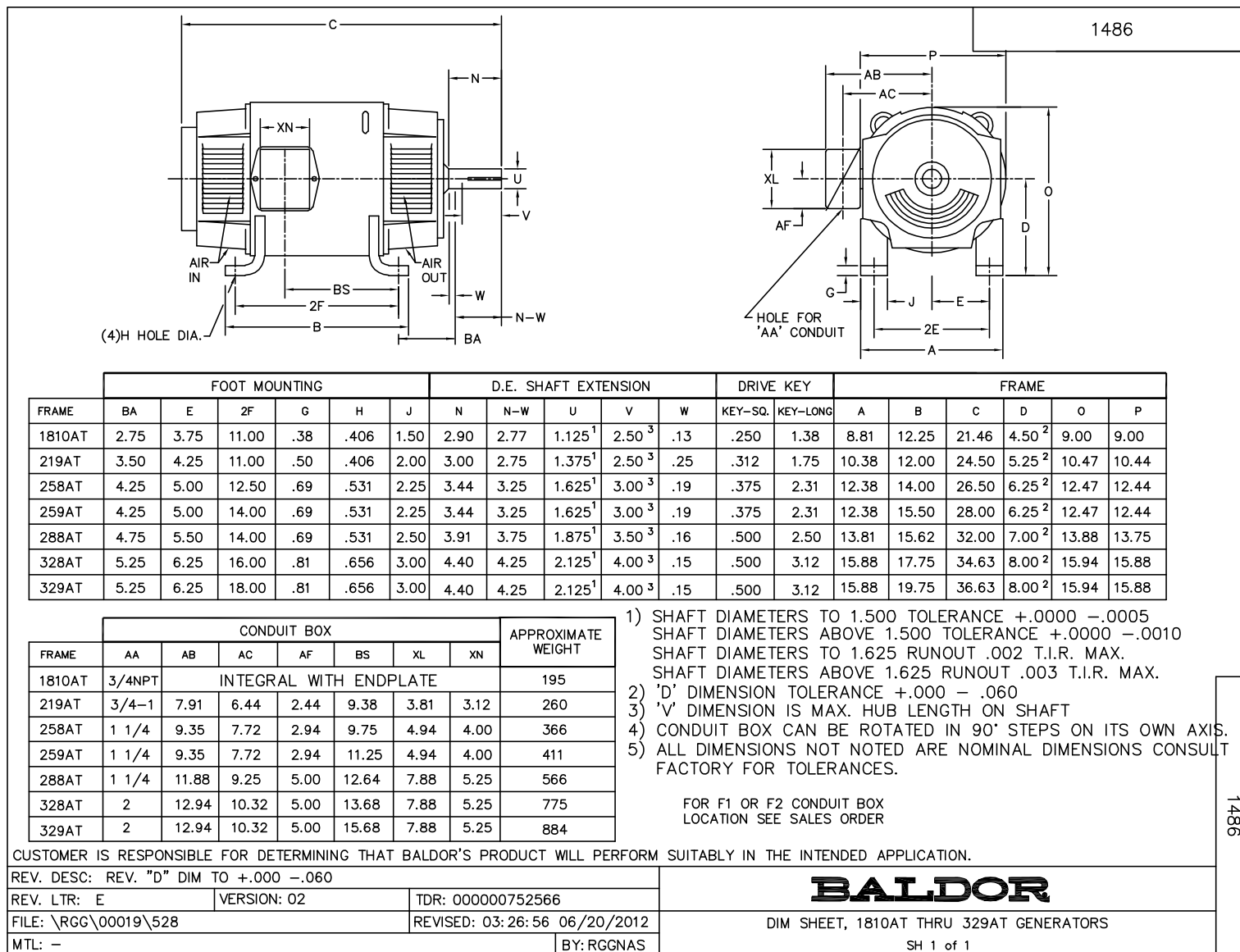
Product Information Packet

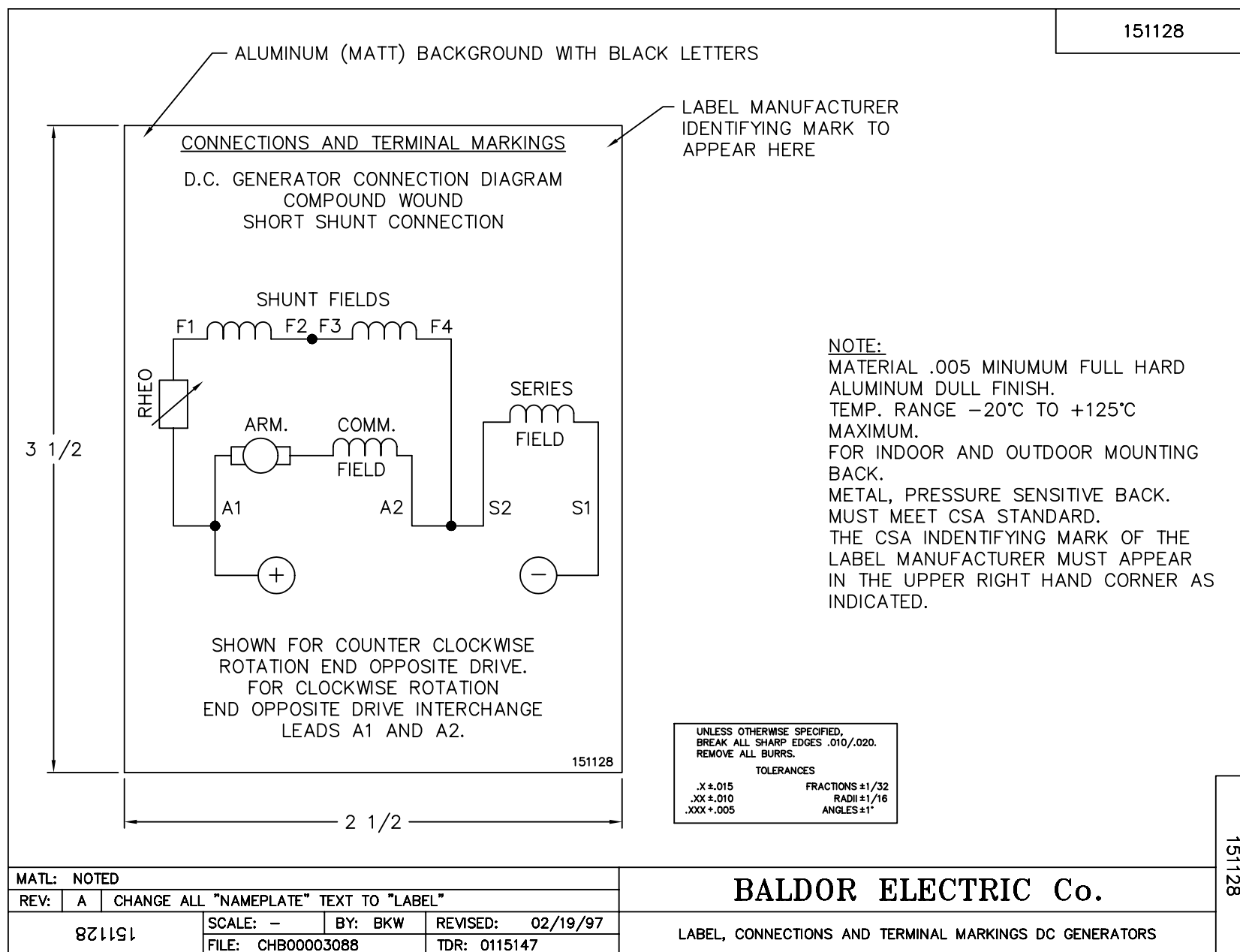
DMG2315

15KW,1750RPM,DC,259AT,DPFG,F2

Copyright © All product information within this document is subject to Baldor Electric Company copyright © protection, unless otherwise noted.

Part Detail			
Type:	DC	Prod. Type:	T
Power Code:	D	Weight:	250
Frame Group:	259AT	Mounting Pos.:	F2
HP:	15	Enclosure:	DPFG
RPM:	1750	Wound:	COMPOUND
Service Factor:	1.0	Arm V:	230
Arm A:	65.00	Field V:	230
Field A:	2.00	Field A Hot:	1.33
Insulation Class:	F	Ambient:	40
Duty:	CONT	DE Bearing:	6209
ODE Bearing:	6207	Brushes:	150986-25-1
Brush Qty.:			





REL. S.O.	FRAME	RATING	RPM	ARM. VOLTS	ARM. AMPS
	259	15.0HP	1750	230	65.0
WINDING TYPE					
S.F.	ENCL.	AMB °C/INSUL	DUTY	FIELD VOLTS	
STAB. SHUNT	1.0	DPG	40/F	CONT	230
POWER CODE					
TYPE	WK ² (LB-FT ²)	HOT ARM. CIR. RES.	FLD. AMPS@25 °C	HOT FIELD RES	
D	T	2.686	.401	2.00	172
ARM. CIR. IND. (mh)					
FIELD IND. (H)	COOLING AIR (CFM/IN H 20)		TURNS PER COIL SHUNT/SERIES		TEST DATE
5.12	91.9	-/-		2000/15	-
LOAD PERFORMANCE					
LOAD	AMPERES	TORQUE IN OZ.-FT.	OUTPUT IN HP	RPM	% EFFICIENCY
NO LOAD	552	0	0	1533	0
1/4	16	0	0	1452	0
2/4	33	0	0	1378	0
3/4	49	0	0	1322	0
4/4	65	0	0	1261	0
O.L.	98	0	0	1171	0
RPM VS. FIELD AMPS					
FIELD AMPS	RPM N.L.	RPM F.L.	Eg N.L. @ BASE SPEED	Eg F.L. @ BASE SPEED	
1.33	1532	1261	259	248	
1.09	1681	1699	238	225	
.858	1944	1811	207	195	
.620	2481	1990	162	156	
.382	3824	2300	105	108	
REMARKS: TYPICAL DATA					

BALDOR
BALDOR • DOUG • RELIANCE

DR. BY E. H. GILLIOT
CK. BY B. GRANT
APP. BY R. ERLACHER
DATE 01-23-2009

D-C MOTOR
PERFORMANCE
DATA
DK0041A
ISSUE DATE 01-23-2009