

BALDOR® • RELIANCE

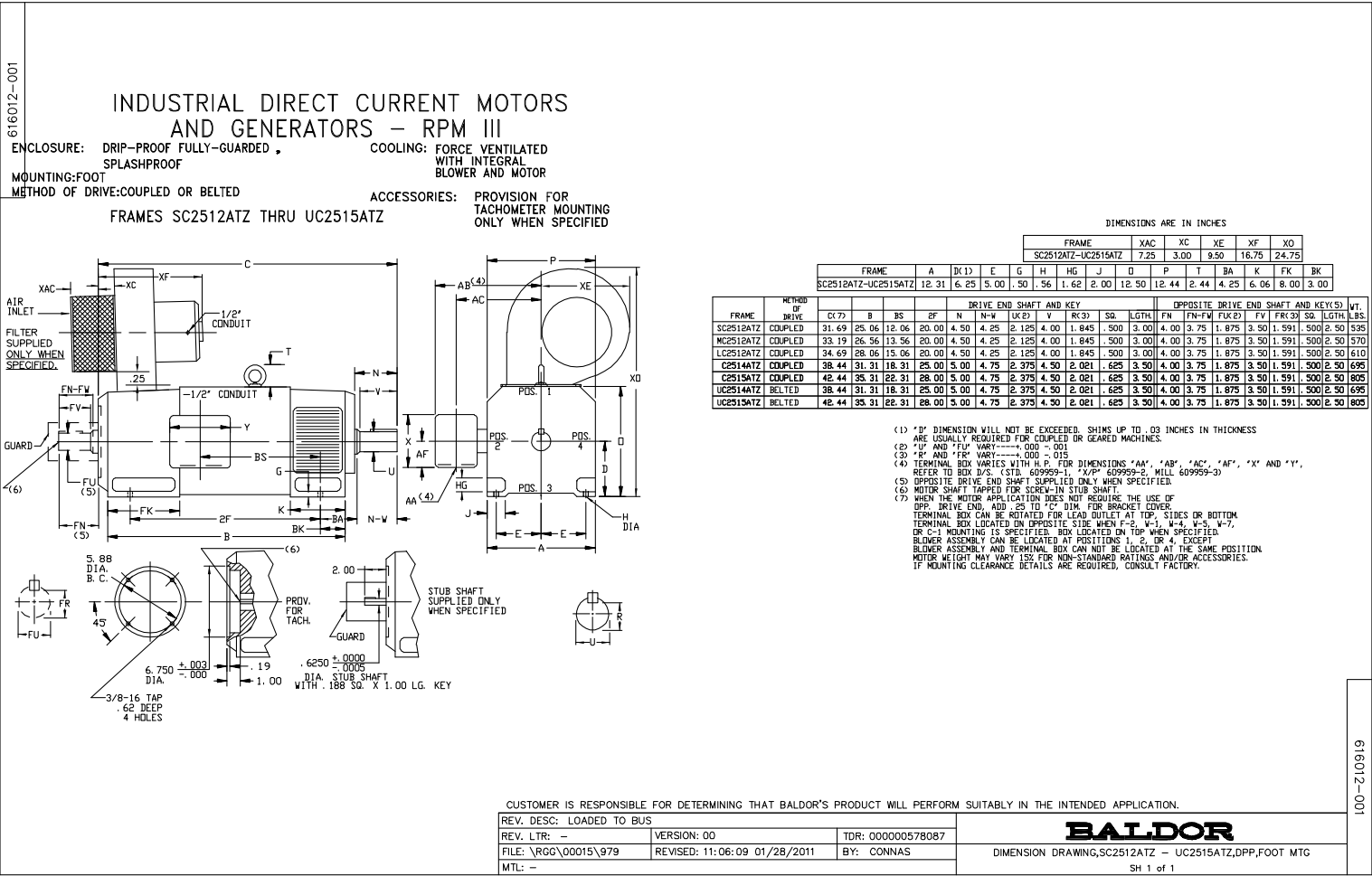
Product Information Packet

D5160R-BV

60HP,1150RPM,DC,2515ATZ,DPG-FV,

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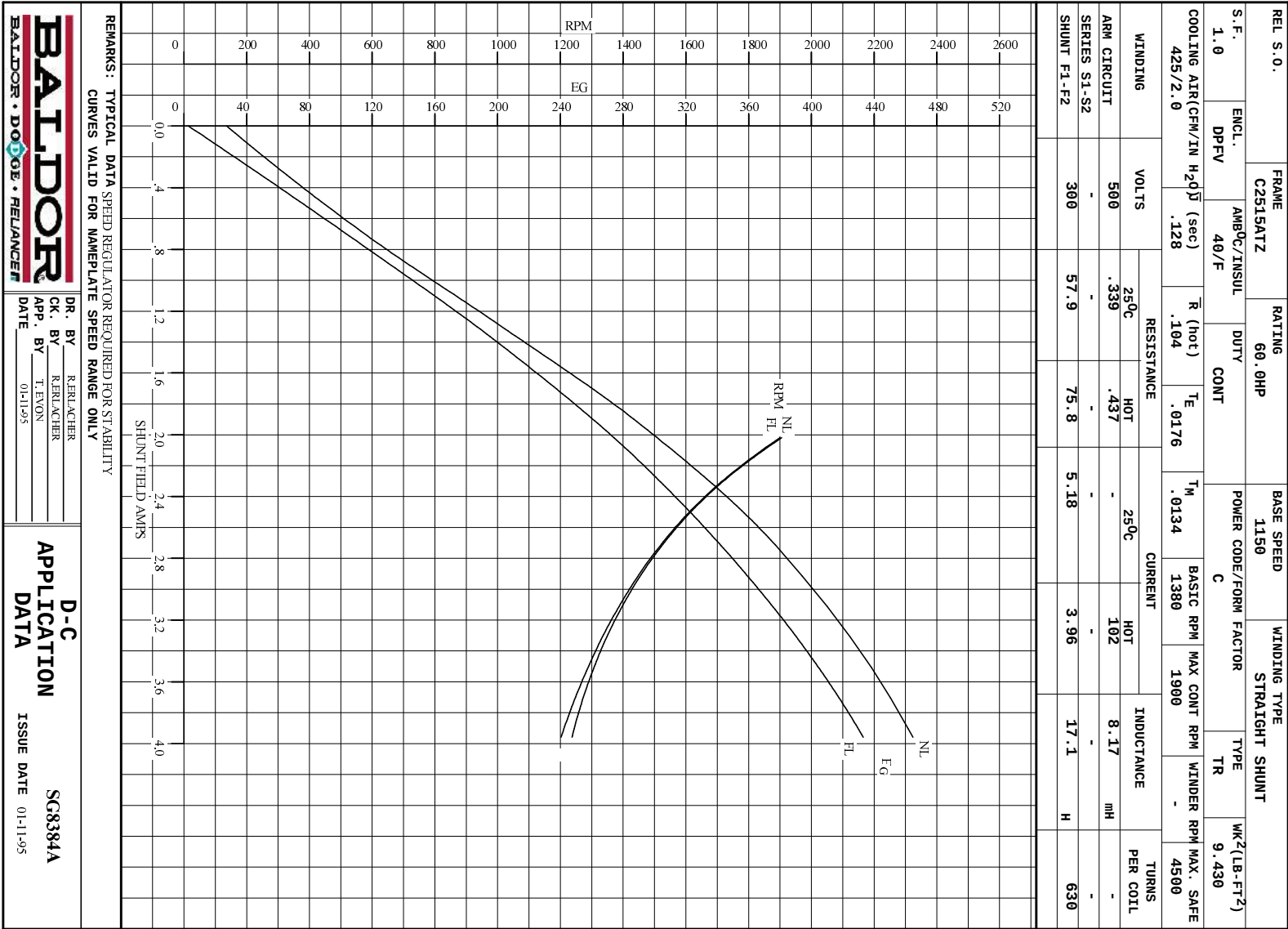
Part Detail			
Type:	DC	Prod. Type:	TR
Power Code:	C	Weight:	805
Frame Group:	C 2515ATZ	Mounting Pos.:	F2
HP:	60	Enclosure:	DPFV
RPM:	1150/1900	Wound:	STR. SHUNT
Service Factor:	1.0	Arm V:	500
Arm A:	102.00	Field V:	300
Field A:	5.18	Field A Hot:	3.96/2.01
Insulation Class:	F	Ambient:	40
Duty:	CONT	DE Bearing:	65BC03J30X
ODE Bearing:	50BC02J30X	Brushes:	419904-51AB
Brush Qty.:			





- | CUSTOMER | CUSTOMER ORDER NO. | RELIANCE S.D. NO. |
|----------|--------------------|-------------------|
| _____ | _____ | _____ |

C/R 244907, 290048, 354478, 354480



REL S.O.	FRAME	RATING	RPM	ARM. VOLTS	ARM. AMPS
	C2515ATZ	60.0HP	1150	500	102
WINDING TYPE					
	S.F.	ENCL.	AMB °C/INSUL	DUTY	FIELD VOLTS
STRAIGHT SHUNT	1.0	DPFV	40/F	CONT	300
POWER CODE					
	TYPE	WK ² (LB-FT ²)	HOT ARM.CIR.RES.	FLD. AMPS@25 °C	HOT FIELD RES
C	TR	9.430	.437	5.17	75.7
ARM. CIR. IND. (mh)					
	FIELD IND. (H)	COOLING AIR(CFM/IN H 20)		TURNS PER COIL SHUNT/SERIES	TEST DATE
8.16	17.0	425/2.0		630/.00000	-
LOAD PERFORMANCE					
LOAD	AMPERES	TORQUE IN LB.-FT.	OUTPUT IN HP	RPM	% EFFICIENCY
NO LOAD	1.5	0	0	1232	0
1/4	26	67.1	15.5	1215	82.6
2/4	51	137	31.3	1203	87.2
3/4	77	203	46.2	1196	87.3
4/4	102	264	60.3	1199	86.0
0.L.	153	369	85.7	1219	82.2
RPM VS. FIELD AMPS					
FIELD AMPS	RPM N.L.	RPM F.L.	Eg N.L. @ BASE SPEED	Eg F.L. @ BASE SPEED	
3.95	1232	1198	464	433	
3.47	1313	1295	436	401	
2.98	1431	1423	400	365	
2.50	1613	1609	356	323	
2.01	1905	1900	301	274	

REMARKS: TYPICAL DATA

MAXIMUM SAFE SPEED = 4500 RPM
SPEED REGULATOR REQUIRED FOR STABILITY



DR. BY R. ERLACHER
 CK. BY T. EVON
 APP. BY T. EVON
 DATE 01-11-95

D-C MOTOR PERFORMANCE DATA
 D68384A
 ISSUE DATE 01-11-95

