

# **BALDOR® • RELIANCE**

## **Product Information Packet**

### **D2304**

**1HP,1750RPM,DC,56,3535D,TEFC,F1**

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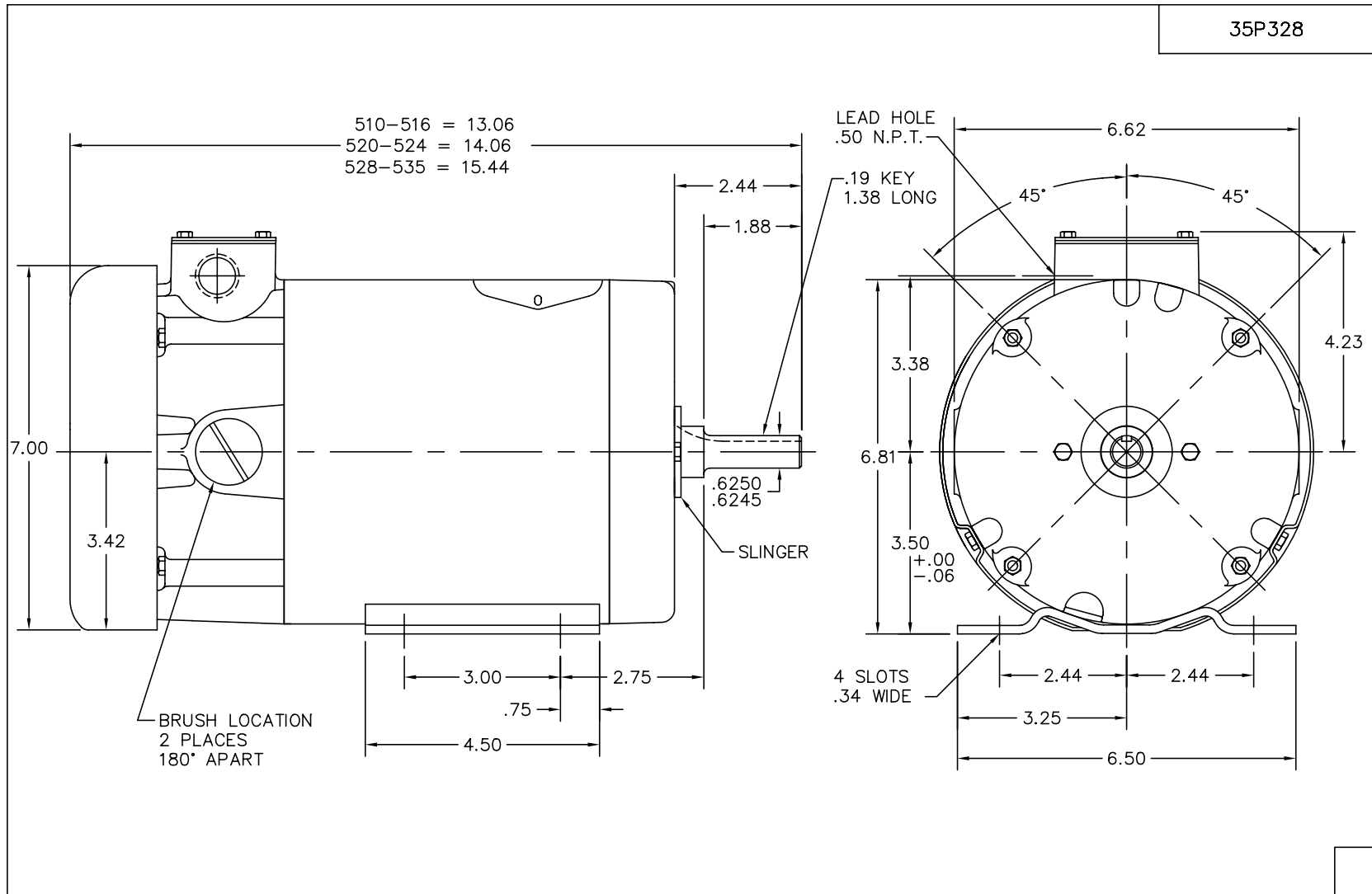
Part Detail							
Revision:	L	Status:	PRD/A	Change #:		Proprietary:	No
Type:	DC	Prod. Type:		Elec. Spec:	35WGZ395	CD Diagram:	
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	35P328	Layout:	
Frame:	56	Mounting:	F1	Poles:	2///	Created Date:	
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	08-07-2012
Field Type:	Compound/stab Shunt	Literature:		Elec. Diagram:		Replaced By:	

**Nameplate NP0111L**

CAT.NO.	D2304						
SPEC.	35P328Z395						
HP	1	ENCL				TEFC	
RPM	1750						
FRAME	56	TYPE				3535D	
ARM V	230	ARM A				4	
FLD V	230	FLD A				.25	
INSUL	F	AMB.				40	
DUTY	CONT	SUPPLY				A	
BRG/DE	6205	BRG/ODE				6203	
BRUSHES	2/BP5000T15						
	--	BLANK					
SER.							
BLANK	IEEE 45						
APRV-CSA					APRV-UL		

Parts List		
Part Number	Description	Quantity
SA046567	SA 35P328Z395	1.000 EA
AA005344	AA 35P328Z395	1.000 EA
MH2001A01B08	GLASTIC SHEET .093" X 1.084" X 36"	0.126 LB
BP5000T15SP	CARBON BRUSH-35P,180VOLTS	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW3001B01	003SS CUP WASHER, FOR #8 SCREW	1.000 EA
35EP1119A06	FR ENDPLATE, MACH	1.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
35EP1102A23	PU ENDPLATE, MACH	1.000 EA
51XN1032A20	10-32 X 1 1/4 HX WS SL SR	2.000 EA
80XN1032A03	10-32 X 3/16 SET SCREW	2.000 EA
BP5201A14SP	BRUSH HOLDER ASSY	1.000 EA
MJ5001A01	46-665 RED SEALER	0.001 QT
MJ5004A05	#242-21 LOCTITE GENERAL PURPOSE MED. STR	0.001 EA
35FN3002A05SP	EXFN, PLASTIC, 6.376 OD, .638 ID	1.000 EA
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
35FH4005A04	IEC FH NO GRSSR W/1.09 SHAFT HOLE, W/ AUT	1.000 EA
11XT1032A06	10-32 X 3/8 HX WSHR HD SLTD TYPE 23	3.000 EA
WD4100A109	PLUG STIMPSON D3550	1.000 EA
35CB4504	COND. BOX LID 35 DC & PM FRAMES, STAMPED	1.000 EA
35GS1008	GASKET, CONDUIT BOX LID -- 1/16 LEXIDE #	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA
HA1005A03SP	SLINGER, OD 1.750, ID .938, 205 BRG	1.000 EA
HW2501D13SP	KEY, 3/16 SQ X 1.375	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA
MJ5001A01	46-665 RED SEALER	0.001 QT
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.017 GA
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000 EA
WD4102A07	STRAIN RELIEF - MICRO PLASTIC #23MP07W20	1.000 EA
HA3100A34	THRUBOLT 10-32 X 11.250	4.000 EA
LB5040	INSTRUCTION TAG, AC & DC	1.000 EA
LB1119	WARNING LABEL	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0862	DC -- COMPOUND WOUND MOTOR CONNECTION LA	1.000 EA
NP0111L	NP STD LASER ENGRAVED DC MOTORS, UL CSA	1.000 EA
35PA1007	PACKAGING GROUP	1.000 EA

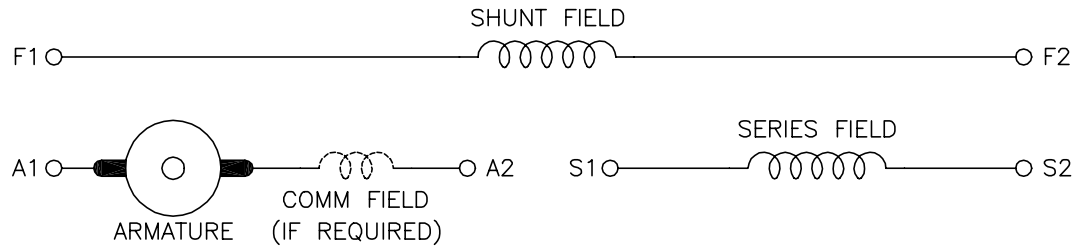


CUST. NAME		CUST. P.O.		CERTIFIED BY		MODEL		INSUL		AMB	
H.P.		MTG		TYPE		R.P.M.		VOLTS		ENCL	
PHASE		FREQ		FRAME		REMARKS:					
REV:	F	LOADED TO ACAD									
35P328		SCALE: .4	BY: TDJ	REVISED: 02/01/96		<b>BALDOR ELECTRIC Co.</b>					
		FILE: AAA00023204	TDR: 0064842		STD HORZ 35DC NEMA 56 TEFC 2 POLE W/BOLT ON BASE & WP-14-II						

35P328

CD0862B01

# COMPOUND WOUND



DIRECTION OF ROTATION				
CWDE		CCWDE		
POS TERM (+)	NEG TERM (-)	POS TERM (+)	NEG TERM (-)	
A1	S2	A2	S2	
F1	F2	F1	F2	
CONNECT A2 & S1		CONNECT A1 & S1		

**NOTES:**

1. LIMIT STARTING INRUSH CURRENT TO NOT MORE THAN 3 TIMES RATED AMPERES BY ENERGIZING THE FULL SHUNT FIELD BEFORE BRINGING THE ARMATURE VOLTAGE UP SLOWLY OR IN STEPS.
2. OPTIONAL FIELD REOSTAT MAY BE CONNECTED IN SERIES WITH THE SHUNT FIELD.
3. OPTIONAL THERMOSTAT LEADS ARE MARKED J,J.

REV. DESC: NEW, REPLACE CD0862			
REV. LTR: -	BY: JLP	REVISED: 16:10:51 11/03/2004	TDR: 347796
10BZ980DC		FILE: AAA00121482	REF: CD0862B01
CD0862B01		MTL: -	

**BALDOR ELECTRIC Co.**

DC CONNECTION DIAGRAM, COMPOUND FIELD, 6 LEAD

CD0862B01