

# **BALDOR**® • *RELIANCE*

## **Product Information Packet**

# **CD6202**

**2HP, 1750RPM, DC, 184C, 3646D, TEFC, F1**

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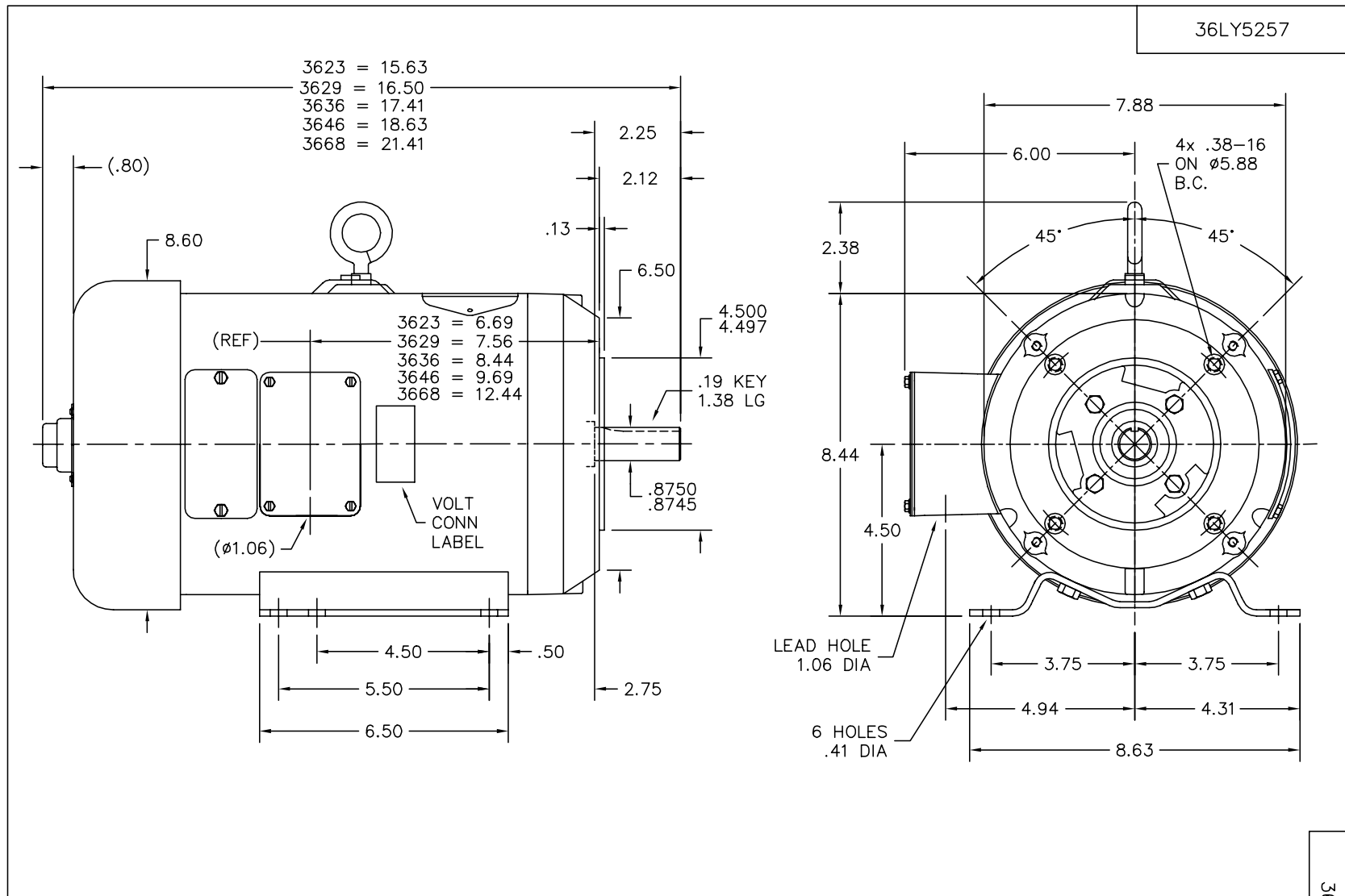
Part Detail							
Revision:	X	Status:	PRD/A	Change #:		Proprietary:	No
Type:	DC	Prod. Type:		Elec. Spec:	36WGZ105	CD Diagram:	
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	36-5257	Layout:	
Frame:	184C	Mounting:	F1	Poles:	2///	Created Date:	
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	06-24-2011
Field Type:	Shunt	Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP0111L			
CAT.NO.	CD6202		
SPEC.	36-5257Z105		
HP	2	ENCL	TEFC
RPM	1750		
FRAME	184C	TYPE	3646D
ARM V	180	ARM A	9.5
FLD V	200/100	FLD A	.4/.8
INSUL	F	AMB.	40
DUTY	CONT	SUPPLY	K
BRG/DE	6206	BRG/ODE	6205
BRUSHES	2/BP5125A01		
		BLANK	
SER.			
BLANK			
APRV-CSA		APRV-UL	

Parts List		
Part Number	Description	Quantity
SA006657	SA 36-5257Z105	1.000 EA
AA003291	AA 36-5257Z105	1.000 EA
LB1115	LABEL,LIFTING DEVICE	1.000 EA
36CB3000SP	CONDUIT BOX, CAST	1.000 EA
36GS1000SP	GASKET-CONDUIT BOX, .06 THICK #SV-330 LE	1.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000 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
36EP3300A03	FR ENDPLATE, MACH	1.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
36EP3303A06	STD PU ENDPLATE -ENCL- 206 BRG, NO GRSR,	1.000 EA
10XN2520A24	1/4-20X 1 1/2 HEX HD X	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 EA
10XN2520A12	O1/4-20X 3/4 HEX HEAD CAP	2.000 EA
HW1000A25	1/4 SAE FLAT WASHER (FS)	2.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	2.000 EA
36FN3000A01SP	EXFN, PLASTIC, 7.00 OD, .912 ID	1.000 EA
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
36FH5000A11	FAN COVER/TACH. ACC. ASSY.08 45823107	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
36CV4000	INSPECTION COVER, BRUSH Z	2.000 EA
36GS1016	GASKET, BRUSH INSP COVER X	2.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	4.000 EA
35CB4514	35 LIPPED CB LID	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
36GS1001SP	GASKET, CONDUIT BOX LID, .06 THICK #SV-3	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HW2501D13SP	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A01	KEY RETAINER 7/8" DIA SHAFT	1.000 EA
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.022 GA
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000 EA
36RK5002A01	ROCKERARM ASSY - H45	1.000 EA
HA3101A30	THRUBOLT- 1/4-20 X 13.312DEMBY	4.000 EA
LB1119	WARNING LABEL	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0860	CONN. DIAGRAM-DC(SHUNT WOUND MOTOR)	1.000 EA
NP0111L	NP STD LASER ENGRAVED DC MOTORS, UL CSA	1.000 EA
35PA1007	PACKAGING GROUP	1.000 EA

Accessories		
Part Number	Description	Multiplier
TK3600	TEFC TACH MTG.CONVERSION KIT	A8



CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

REV. DESC: REVISED TO CORRECT DIM FROM KOBX TO PU ENDPLATE		
REV. LTR: T	VERSION: 02	TDR: 000000423713
36LY5257	FILE: \AAA\00020\054	REVISED: 11:39:43 02/27/2007
	MTL: -	BY: ENMARW1

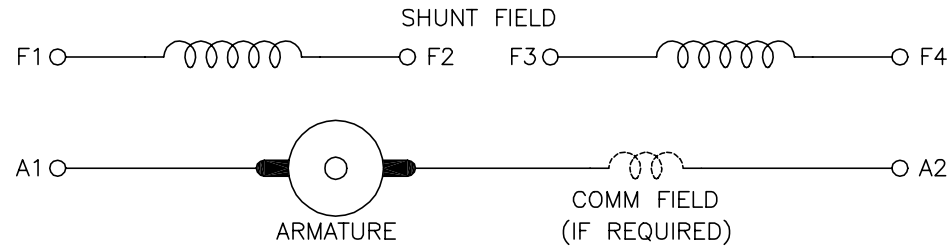
**BALDOR ELECTRIC Co.**

SPL HORZ 36DC TEFC NEMA 182-4C M.F.T.K. & T'STAT

36LY5257

CD0860C01

# SHUNT WOUND



CONNECTION	DIRECTION OF ROTATION			
	CWDE		CCWDE	
	POS TERM (+)	NEG TERM (-)	POS TERM (+)	NEG TERM (-)
HIGH VOLTAGE	A1 F1 CONNECT F2 & F3	A2 F4	A2 F1 CONNECT F2 & F3	A1 F4
LOW VOLTAGE	A1 F1 & F3	A2 F2 & F4	A2 F1 & F3	A1 F2 & F4

**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 CD0860			
REV. LTR: -	BY: JLP	REVISED: 15:35:22 11/03/2004	TDR: 347796
100098000		FILE: AAA00121477	REF: CD0860C01
		MTL: -	

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DC CONNECTION DIAGRAM, SHUNT FIELD, 6 LEAD, DUAL VOLTAGE

CD0860C01