

BALDOR® • RELIANCE

Product Information Packet

CDPWD3306

.25HP,1750RPM,DC,56C,3320P,TENV,F1

Part Detail							
Revision:	AA	Status:	PRD/A	Change #:		Proprietary:	No
Type:	DC	Prod. Type:		Elec. Spec:	33WGZ132	CD Diagram:	CD0194
Enclosure:	TENV	Mfg Plant:		Mech. Spec:	33-2154	Layout:	33LY2154
Frame:	56C	Mounting:	F1	Poles:	///	Created Date:	
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	11-08-2013
Field Type:		Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP1509					
CAT.NO.	CDPWD3306				
SPEC.	33-2154Z132				
HP	.25	ENCL		TENV	
RPM	1750				
FRAME	56C	TYPE		3320P	
ARM V	180	ARM A		1.25	
FLD V		FLD A			
INSUL	F	AMB.		40	
DUTY	CONT	SUPPLY		1.3	
BRG/DE	6203	BRG/ODE		6203	
BRUSHES	2/BP5011CV01				
		BLANK			
SER.					
BLANK					
APRV-CSA		APRV-UL			APRV-CE

Parts List		
Part Number	Description	Quantity
SA005099	SA 33-2154Z132	1.000 EA
AA002748	AA 33-2154Z132	1.000 EA
BP5011CV01SP	CARBON BRUSH - 33P, 180V	1.000 EA
BP5012A04SP	BRUSH SPRING FOR DC MOTORS	1.000 EA
BP5011CV01SP	CARBON BRUSH - 33P, 180V	1.000 EA
33CB3001B02W	CONDUIT BOX, MACH/COATED WHITE	1.000 EA
33GS1013	GASKET - CONDUIT BOX, .062 WHITE NEOPREN	1.000 EA
51XT0832A08	8-32 X 1/2 TY23 HXWS SLDSR	3.000 EA
51XW0832G07	8-32 X 7/16 TY23 HXWS SLDSR GR	1.000 EA
HW3001B01	003SS CUP WASHER, FOR #8 SCREW	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
33EP3101A13W	FR ENDPLATE, MACH W/WHITE EPOXY PAINT	1.000 EA
HW4600A54	SEAL 0.668 X 1.064 X 0.250 DOUBLE SHIELD	1.000 EA
19XA1016S06	10-16X 3/8" TYPE AB SS X	3.000 EA
33CB4501A04W	BRUSH INSPECTION COVER, COATED WHITE EPO	2.000 EA
33GS1014	GASKET, BRUSH INSP. COVERTDR 11640	2.000 EA
19XA1016S06	10-16X 3/8" TYPE AB SS X	3.000 EA
11XT0832S07	08-32 X 7/16 HX SL WS HD, 304 STAINLESS	6.000 EA
HA6887	SHAFT PROTECTOR STAMPED STEEL 20 GA.	1.000 EA
10XN2520S06	1/4 20X3/8 HX HD CAP S.S.	2.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
33EP3302A14W	PULLEY ENDPLATE ENCL 33PM 56C W/WHITE EP	1.000 EA
HW4600A54	SEAL 0.668 X 1.064 X 0.250 DOUBLE SHIELD	1.000 EA
HW4600B39SP	SEAL 0.550 X .790 X .180 FACE SEALING	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
11XN1032S20	10-32 X 1-1/4 HEX WASHER HEAD, SLOTTED	2.000 EA
WD4102A12	SR 6P-4 HEYCO STRN RELIEF OR 23MP06P40 M	1.000 EA
34CB4500A10W	CONDUIT BOX LID, MACH W/WHITE EPOXY	1.000 EA
33GS1012	GASKET - CONDUIT BOX LID, MODEL 33PM	1.000 EA
59XW0832S07	TAPTITE II,HEX WSHR UNSLTD SER,410 S.S.,	5.000 EA
HW2502D13	SS KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA
MG1025W01	RAL9003, SIGNAL WHITE, GLOSS 85	0.013 GA
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000 EA
MJ5001A27	32220KN GRAY SEALER	0.001 QT
33RK5004SP	ROCKERARM	1.000 EA
HA3100S01	THRUBOLT- 10-32 X 8.187 302 OR 303 SS	2.000 EA
MG1500Y02	PRIMER,347.29+347.29C ACTIVATOR WILKOPON	0.013 GA
LB1164	LABEL,WARNING AND DRAIN	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 10/13	1.000 EA
LC0194	CONNECTION LABEL	1.000 EA
NP1509	DC, WD, UL CE CSA, W/O THERMAL	1.000 EA
27PA1001	PACKAGING GROUP	1.000 EA

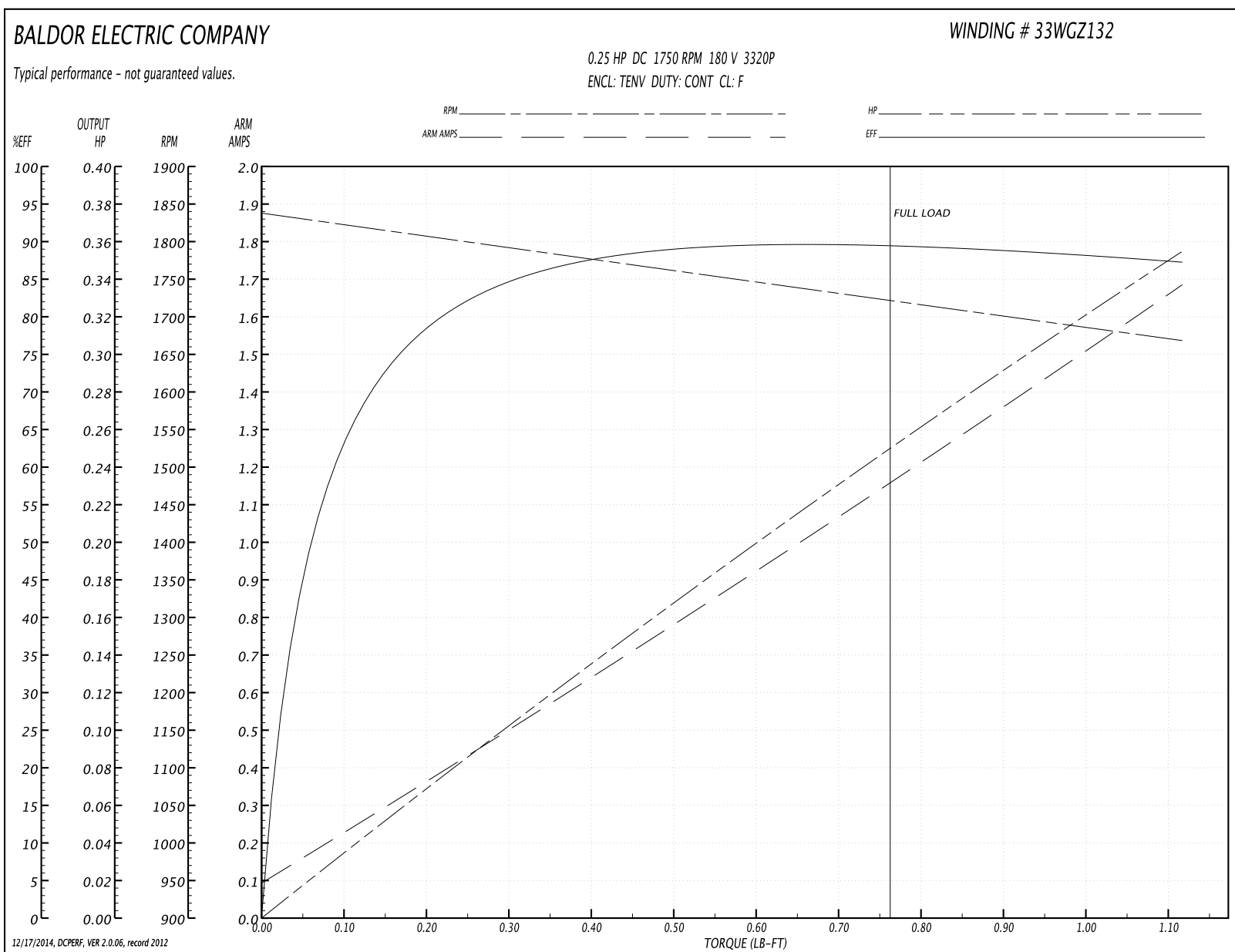
Performance Data at 180.0 Arm V, 0.25HP (Typical performance - Not guaranteed values)
General Characteristics

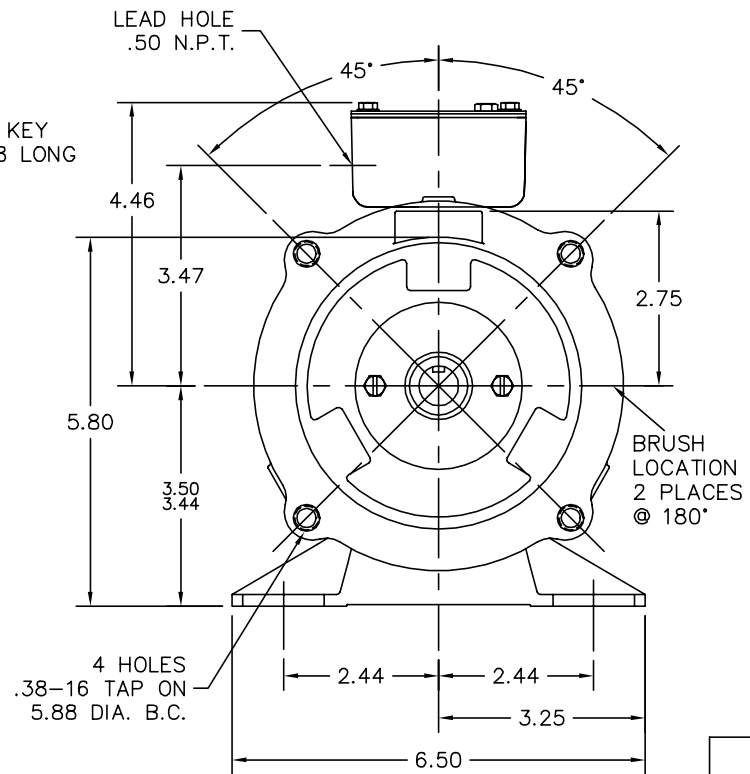
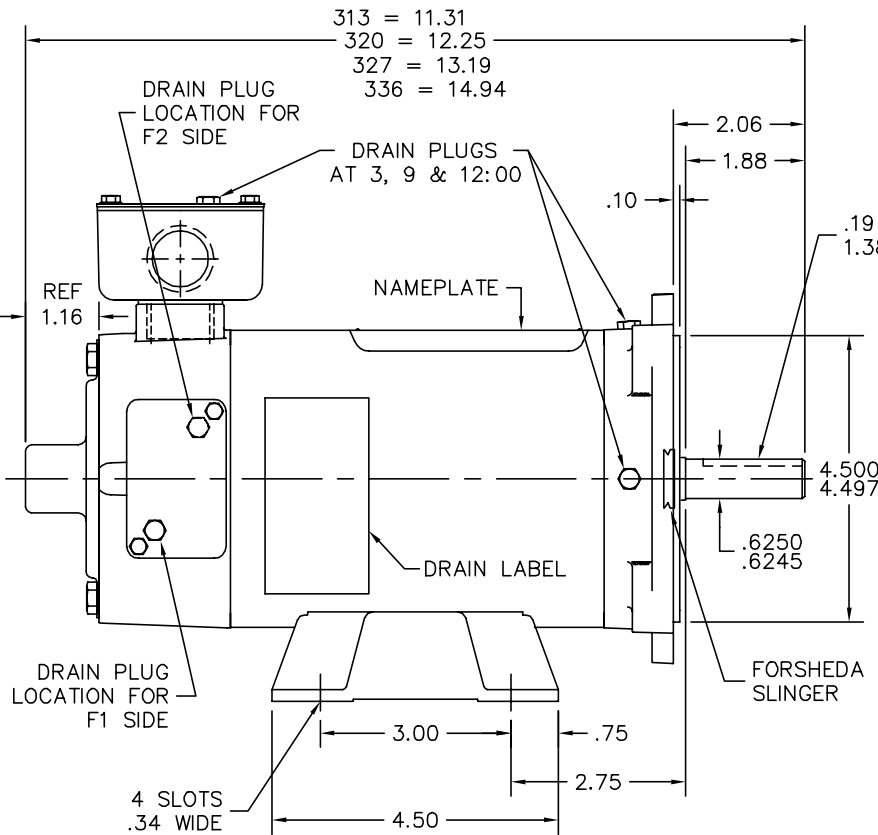
Armature Resistance:	8.54 ohms	Commutating Winding Resistance:	
Series Winding Resistance:		Shunt Winding Resistance:	
Armature Inductance:	60.59301 mH	Armature Inertia:	4.68 LI ²
Maximum Rated RPM With Field Weakening:		Maximum Allowable Inrush Amps:	

Load Characteristics

Load Point	1	2	3	4	5	6	7
Armature Amps:	0.1	0.35	0.61	0.87	1.15	1.43	1.68
RPM:	1830.0	1821.0	1779.0	1750.0	1720.0	1690.0	1673.0
Torque (LB-FT):	0.0	0.193	0.387	0.559	0.752	0.945	1.117

Performance Graph at 180.0 Arm V, 0.25HP Typical performance - Not guaranteed values





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

REV. DESC: CHANGE .13 TO .10 RABBET		
REV. LTR: S	VERSION: 04	TDR: 000000828953
FILE: \AAA\00029\866	REVISED: 03:07:09 11/27/2013	BY: ENMAIYO
MTL: -		

BALDOR.

STD HORZ 33PM 56C TENV WD W/MFTK

SH 1 of 1

33LY2154

