

BALDOR® • RELIANCE

Product Information Packet

CDPWD3310

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

Part Detail							
Revision:	AC	Status:	PRD/A	Change #:		Proprietary:	No
Type:	DC	Prod. Type:		Elec. Spec:	33WGZ118	CD Diagram:	CD0194
Enclosure:	TENV	Mfg Plant:		Mech. Spec:	33-2142	Layout:	33LY2142
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.	CDPWD3310			
SPEC.	33-2142Z118			
HP	.25	ENCL	TENV	
RPM	1750			
FRAME	56C	TYPE	3320P	
ARM V	90	ARM A	2.5	
FLD V		FLD A		
INSUL	F	AMB.	40	
DUTY	CONT	SUPPLY	1.3	
BRG/DE	6203	BRG/ODE	6203	
BRUSHES	2/BP5011T01			
		BLANK		
SER.				
BLANK				
APRV-CSA		APRV-UL		APRV-CE

Parts List		
Part Number	Description	Quantity
SA005090	SA 33-2142Z118	1.000 EA
AA002739	AA 33-2142Z118	1.000 EA
BP5011T01SP	CARBON BRUSH - 33P, 90V	1.000 EA
BP5012A04SP	BRUSH SPRING FOR DC MOTORS	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
HW3001B02	BRASS CUP WASHER W/GROUND SYMBOL TAB,	1.000 EA
51XW0832G07	8-32 X 7/16 TY23 HXWS SLDSR GR	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
33CB4501A04W	BRUSH INSPECTION COVER, COATED WHITE EPO	2.000 EA
33GS1014	GASKET, BRUSH INSP. COVERTDR 11640	2.000 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
11XN1032S20	10-32 X 1-1/4 HEX WASHER HEAD, SLOTTED	2.000 EA
19XA1016S06	10-16X 3/8" TYPE AB SS X	3.000 EA
WD4102A12	SR 6P-4 HEYCO STRN RELIEF OR 23MP06P40 M	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
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
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 10/13	1.000 EA
LB1164	LABEL,WARNING AND DRAIN	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	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 90.0 Arm V, 0.25HP (Typical performance - Not guaranteed values)							
General Characteristics							
Armature Resistance:	2.45 ohms			Commutating Winding Resistance:			
Series Winding Resistance:				Shunt Winding Resistance:			
Armature Inductance:				Armature Inertia:			
Maximum Rated RPM With Field Weakening:				Maximum Allowable Inrush Amps:			
Load Characteristics							
Load Point	1	2	3	4	5	6	7
Armature Amps:	0.2	1.2	1.8	2.4	3.0	3.5	4.6
RPM:	1863.0	1788.0	1739.0	1702.0	1665.0	1630.0	1544.0
Torque (LB-FT):	0.0	0.365	0.559	0.752	0.945	1.117	1.504

Performance Graph at 90.0 Arm V, 0.25HP Typical performance - Not guaranteed values





