ABB BALDOR RELIANCE

Customer information packet

CDMG2333

0328ATC, 33KWKW, 1750RPM, 230, 230, DPFG, F2

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11/15/2026 7:04:10 AM

Specifications

Armature Voltage	230 V
Base Speed	1750 rpm
Enclosure	DPFG
Field Voltage	230 V
Frame	328ATC
Output Power	33.000 KW
Agency Approvals	CSA
Ambient Temperature	40 °C
Armature Current	144.0 a
Drip Cover	No Drip Cover
Duty Rating	CONT
Feedback Device	NO FEEDBACK
Field Winding Type	COMPOUND
Heater Indicator	No Heater
Insulation Class	F
Lifting Lugs	Standard Lifting Lugs
Motor Standards	NEMA
Mounting Arrangement	F2
Overall Length	34.63 IN
Service Factor	1.00
Shaft Diameter	2.125 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Slinger Indicator	No Slinger
Thermal Device - Bearing	None

Part Detail

Revision	E
Type	DC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	K0087A
Layout	2056-10
Eff. date	08-28-2026
CD Diagram	
Poles	00
Leads	
Proprietary	False
Created date	11-21-2019

Nameplate

					15405						
CAT.NO.	CDMG2333		**MODEL NO.**		T32S8014						
KW	33KW	**RPM**	1750			**FRAME**	0328ATC				
ARM VOLTS	230		**ARM AMPS**	144.00			**WOUND**	STD COMPOUND			
FIELD VOLTS	230		**FIELD AMPS**	2.13-1.30/1.11-.65							
FIELD CONN.		**OHMS**	72.8				**INSUL. CLASS**		F		
ENCL	DPFG	**DUTY**	CONT				**MAX AMBIENT**		40		
SERVICE FACTOR	1.0										
S/N			**E/S**	K0087A							
	BRUSH:28610-1										
O.D.E. BRG.	6210	**D.E. BRG.**	6211	**BRUSH**	28610-1					**QTY**	4

REL S.O.	FRAME	RATING	RPM	ARM. VOLTS	ARM. AMPS
	328	33.0HP	1750	230	144

WINDING TYPE	S.F.	ENCL.	AMB °C/INSUL	DUTY	FIELD VOLTS
STAB. SHUNT	1.0	DPG	40/F	CONT	230

POWER CODE	TYPE	WK^2 (LB-FT^2)	HOT ARM.CIR.RES.	FLD. AMPS@25 °C	HOT FIELD RES
A	T	7.377	.126	3.16	107

ARM. CIR. IND. (mh)	FIELD IND. (H)	COOLING AIR(CFM/IN H_2O)	TURNS PER COIL SHUNT/SERIES	TEST DATE
2.27	104	-/-	2000/3	-

LOAD PERFORMANCE

LOAD	AMPERES	TORQUE IN OZ.-FT.	OUTPUT IN HP	RPM	% EFFICIENCY
NO LOAD	474	0	0	1529	0
1/4	36	0	0	1491	0
2/4	72	0	0	1451	0
3/4	108	0	0	1416	0
4/4	144	0	0	1385	0
O.L.	216	0	0	1326	0

RPM VS. FIELD AMPS / Eg VS. FIELD AMPS

FIELD AMPS	RPM N.L.	RPM F.L.	Eg N.L. @ BASE SPEED	Eg F.L. @ BASE SPEED
2.13	1529	1384	261	258
1.92	1570	1699	256	250
1.71	1637	1750	246	239
1.49	1751	1828	230	225
1.28	1931	1950	208	205

REMARKS: TYPICAL DATA

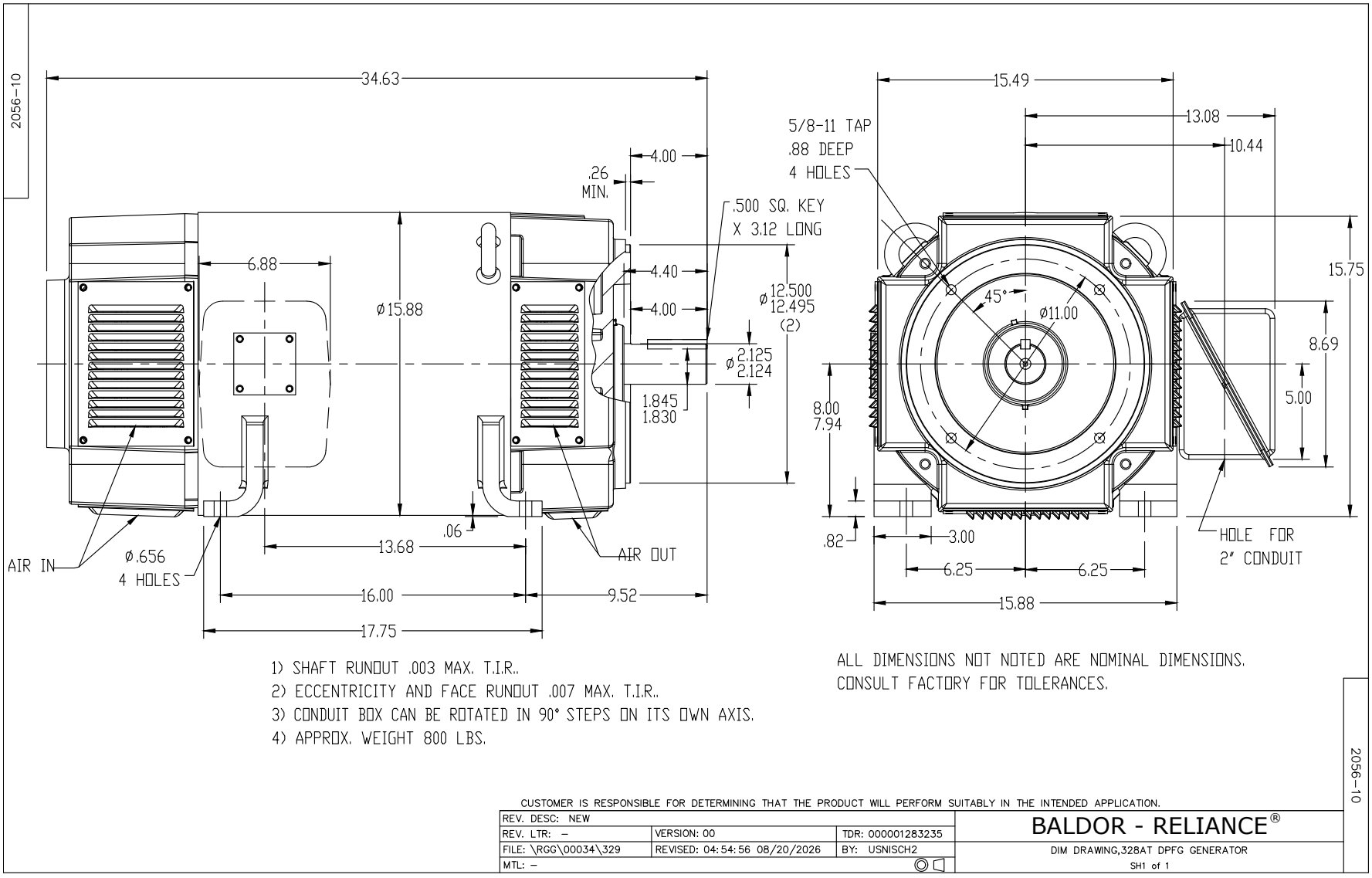
BALDOR • DODGE • RELIANCE

DR. BY E.H. GILLOT
CK. BY B. GRANT
APP. BY R.ERLACHER
DATE 05-14-09

D-C MOTOR PERFORMANCE DATA

DK0087A

ISSUE DATE 05-14-09


2056-10
34.63
4.00
.26
MIN.
.500 SQ. KEY
X 3.12 LONG
6.88
ø15.88
4.40
4.00
ø12.500
12.495
(2)
ø2.125
2.124
1.845
1.830
.06
AIR IN
ø.656
4 HOLES
13.68
AIR OUT
16.00
9.52
17.75
15.49
13.08
10.44
5/8-11 TAP
.88 DEEP
4 HOLES
45°
ø11.00
15.75
8.69
5.00
8.00
7.94
.82
3.00
6.25
6.25
15.88
HOLE FOR
2" CONDUIT
1) SHAFT RUNOUT .003 MAX. T.I.R..
2) ECCENTRICITY AND FACE RUNOUT .007 MAX. T.I.R..
3) CONDUIT BOX CAN BE ROTATED IN 90° STEPS ON ITS OWN AXIS.
4) APPROX. WEIGHT 800 LBS.
ALL DIMENSIONS NOT NOTED ARE NOMINAL DIMENSIONS.
CONSULT FACTORY FOR TOLERANCES.
2056-10
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT THE PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.
REV. DESC: NEW
REV. LTR: –
VERSION: 00
TDR: 000001283235
FILE: \RGG\00034\329
REVISED: 04:54:56 08/20/2026
BY: USNISCH2
MTL: –
BALDOR - RELIANCE®
DIM DRAWING,328AT DPFG GENERATOR
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