

ABB BALDOR RELIANCE III

Customer information packet CDMG2325

0328ATC, 25KWKW, 1750RPM, 230, 230, DPFG, F2

Specifications

Armature Voltage	230 V
Base Speed	1750 rpm
Enclosure	DPFG
Field Voltage	230 V
Frame	328ATC
Output Power	25.000 KW
Agency Approvals	CSA
Ambient Temperature	40 °C
Armature Current	109.0 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.	K0086A
Layout	2056-10
Eff. date	08-28-2026
CD Diagram	
Poles	00
Leads	
Proprietary	False
Created date	11-21-2019

Nameplate

15405											
CAT.NO.	CDMG2325		MODEL NO.		T32S8012						
KW	25KW	RPM	1750		FRAME		0328ATC				
ARM VOLTS	230		ARM AMPS		109.00		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	K0086A							
	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	25.0HP	1750	230	109
WINDING TYPE		S.F.	ENCL.	AMB °C/INSUL	DUTY
STAB. SHUNT		1.0	DPG	40/F	CONT
POWER CODE		TYPE	WK ² (LB-FT ²)	HOT ARM.CIR.RES.	FLD. AMPS@25 °C
A		T	7.377	.122	3.16
ARM. CIR. IND. (mh)	FIELD IND. (H)	COOLING AIR (CFM/IN H ₂ O)		URNS PER COIL SHUNT/SERIES	TEST DATE
2.27	102	-/-		2000/3	-
LOAD PERFORMANCE					
LOAD	AMPERES	TORQUE IN OZ.-FT.	OUTPUT IN HP	RPM	% EFFICIENCY
NO LOAD	472	0	0	1531	0
1/4	27	0	0	1502	0
2/4	55	0	0	1472	0
3/4	82	0	0	1443	0
4/4	109	0	0	1418	0
O.L.	164	0	0	1374	0
RPM VS. FIELD AMPS					
FIELD AMPS	RPM N.L.	RPM F.L.	Eg N.L. @ BASE SPEED	Eg F.L. @ BASE SPEED	
2.13	1530	1417	261	259	
1.91	1573	1668	256	251	
1.68	1647	1726	244	240	
1.46	1775	1815	227	224	
1.24	1981	1950	202	203	
REMARKS: TYPICAL DATA					
		DR. BY E.H. GILLOT CK. BY B. GRANT APP. BY R. ERLACHER DATE 05-14-09		D-C MOTOR PERFORMANCE DATA DK0086A ISSUE DATE 05-14-09	

