

BALDOR® • RELIANCE 

Product Information Packet

Z28G7001

840RPM,PH,HZ,286T,TEXP,F1

Part Detail							
Revision:	D	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	W01866A A 001	CD Diagram:	416820-002	Mfg Plant:	
Mech. Spec:		Layout:	706531-902	Poles:	06	Created Date:	04-09-2015
Base:		Eff. Date:	05-09-2016	Leads:			

Specs			
Enclosure:	TEXP	Feedback Device:	NO FEEDBACK
Frame:	286T	Frame Prefix:	X
Frame Material:	Iron	Heater Indicator:	Heater Included, 120 V
Output @ Frequency:	20.000 @ 50 HZ	Inverter Code:	Not Inverter
Voltage @ Frequency:	190 V @ 50 HZ	KVA Code:	F
	380 V @ 50 HZ	Lifting Lugs:	Standard Lifting Lugs
XP Class and Group:	CLI GP D	Motor Type:	M
XP Division:	Division I	Mounting Arrangement:	F1
Agency Approvals:	CSA	Pulley End Bearing Type:	Ball
	UL	Pulley Face Code:	Standard
Auxillary Box:	Auxillary Box	Shaft Ground Indicator:	No Shaft Grounding
Base Indicator:	Rigid	Shaft Rotation:	Reversible
Bearing Grease Type:	Polyrex EM (-20F +300F)	Shaft Slinger Indicator:	Shaft Slinger
Current @ Voltage:	34.80 A @ 380 V	Speed Code:	Single Speed
	69.60 A @ 190 V	Motor Standards:	NEMA
Design Code:	D	Starting Method:	Direct on line
Drip Cover:	No Drip Cover	Thermal Device - Bearing:	None
Duty Rating:	CONT	Thermal Device - Winding:	Normally Closed Thermostat

XP Temp Code:	T3C
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Nameplate 000613007AC		
CLASS I GROUP	D X X	NO. <input type="text"/>
CLASS II GROUP	X X X	
OPERATING TEMP CODE	T3C	

Nameplate 000613007KZ									
CAT.NO.				SPEC. NO.		Z28G7001			
SER.NO.				FRAME SIZE		X286T			
	HP	RPM	VOLTS	AMPS	HZ	TYPE	P		
	20	840	190	69.60	50	SF	1.00		
	20	840	380	34.80	50	INSUL.CLASS F			
	25	1045	230	70	60	CODE	F		
	25	1045	460	35	60	DESIGN	D		
MOTOR WEIGHT	585		ENCL.	TENV		DUTY	15MIN		
O.D.E. BRG.	50BC03J30X		D.E. BRG.	50BC03JPP30X			PH	3	
			AMB	50					
PRECISION BALANCE									
EQUIPPED WITH 120V/78W SPACE HEATER									

Nameplate 000692000FX

Nameplate 000692000MB	
EQUIPPED WITH 120V/78W SPACE	
HEATER: 100 DEG C RISE; HOIST	
LOAD= 19500 LBS PCT OF RATED	
N/P=150; DURATION=12MIN	
CURRENT= NOMINAL PRECISION	
BAL; WET ENVIRONMENT	

Parts List		
Part Number	Description	Quantity
SA297142	SA Z28G7001	1.000 EA
RA283332	RA Z28G7001	1.000 EA
424476003WA	WIRING DIAGRAM MEDIUMA	1.000 EA
000613007AC	UL NAMEPLATE FOR HAZARDOUS LOCATIONS	1.000 EA
000613007KZ	NAMPLATE - MEDIUM AC MULTISPEED IEEE45	1.000 EA
000692000FX	UL LISTED LOGO LABEL 2.53 X 0.75 X .018	1.000 EA
000692000JF	CAUTION LABEL TO PREVENT IGNITION	1.000 EA
000901001AA	LABEL WARNING	1.000 EA
001575000B	WIRING DIAGRAM	1.000 EA
000692000MB	BALDOR RELIANCE MOTOR DATA NAMEPLATE	1.000 EA
423709008B	P/NIP 2X2 250-280	1.000 EA
004824015A	GREASE POLYREX EM	0.300 LB
032018014CK	HHCS 3/8-16X1-3/4L	2.000 EA
034017014AB	LCKW 3/8 STD. PLATED	4.000 EA
034690001AL	1/8 SQ.HD.PIPE PLUG	1.000 EA
034690002AL	1/4 SQ.HD.PIPE PLUG	1.000 EA
087789061AW	BRKT 280 087789051WCC	1.000 EA
406055001D	GRFTG	1.000 EA
415028001W	SEAL - 280	1.000 EA
415045002G	SLGR	1.000 EA
423709011C	WASHER	2.000 EA
004824001HL	EPOXY RESIN HYSOL 3149	1.000 EA
032018004AM	HHCS 1/4-20X1/2PLTD GREN	1.000 EA
032018014DK	HHCS 1/2-13X1-3/4 PLTD	4.000 EA

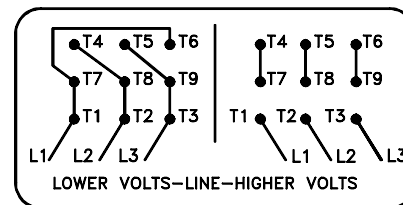
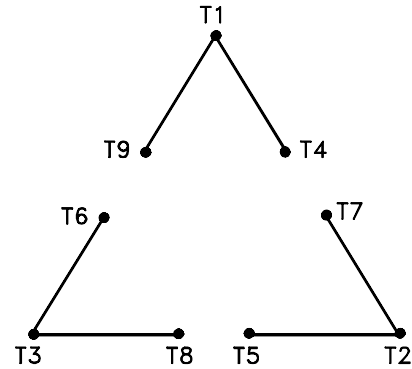
Parts List (continued)		
Part Number	Description	Quantity
423709010G	LEAD SPACER 0.790X.25	1.000 EA
047024013E	T/LUG BDYYAV10T3 12-10	6.000 EA
047024013D	T/LUG BDY YAV8CL1 8	3.000 EA
034017016AB	LCKW 1/2" PLATED	4.000 EA
034036012AB	LCKW EXTERNAL TOOTH 1/4"	1.000 EA
034600010AB	BUSH 3/4X1/2 USE 10AA-280	1.000 EA
034600026AB	BUSH 2X1-1/2 PLATED-280	1.000 EA
064069000A	C/BC320/360 X 064069000B	1.000 EA
073646000AH	C/B 280 WA073646000	1.000 EA
406673000A	PPLG	1.000 EA
406673000E	PPLG	1.000 EA
415000103A	T/LUG #14AWG-#4AWG W/HOLE FOR .250 BOLT	1.000 EA
415078001RA	C/BOX, XP (320-440) W/3/4" NPT OUTLETS	1.000 EA
418057447AD	PIPE NIP,ADPT/BOX	1.000 EA
423709010B	LEAD SPACER 2.00X.25	1.000 EA
004824007K	SPECIAL PAINT	0.100 EA
033775004EA	DRSCR #6-1/4 304 S.S.	8.000 EA
034180026GA	KEY 1/2X1/2X3-1/4 L	1.000 EA
PK5120A01	PACKAGING	1.000 EA
032018014CK	HHCS 3/8-16X1-3/4L	4.000 EA
034017014AB	LCKW 3/8 STD. PLATED	4.000 EA
034690001AL	1/8 SQ.HD.PIPE PLUG	1.000 EA
034690002AL	1/4 SQ.HD.PIPE PLUG	1.000 EA
048897010DE	BUSH - 280	1.000 EA

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087789061AX	BRKT 280 087789051WCC	1.000 EA
406055001D	GRFTG	1.000 EA
410700004D	WSHR	1.000 EA
423709011C	WASHER	2.000 EA
032018014CK	HHCS 3/8-16X1-3/4L	2.000 EA
032018014CK	HHCS 3/8-16X1-3/4L	4.000 EA

416820-002

A-C MOTOR
 CONNECTION DIAGRAM
 STANDARD 9 LEAD DELTA-CONNECTED



(N.P. 1575-B)

416820-002

REV. DESC: LOADED TO BUS, C/R 335225		
REV. LTR: -	VERSION: 00	TDR: 000000538207
FILE: \MGA\00000\661	REVISED: 10: 47: 51 04/30/2010	
MTL: -	BY: RAGRA	

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CONN DIAG - STANDARD 9 LEAD, DELTA-CONNECTED

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