

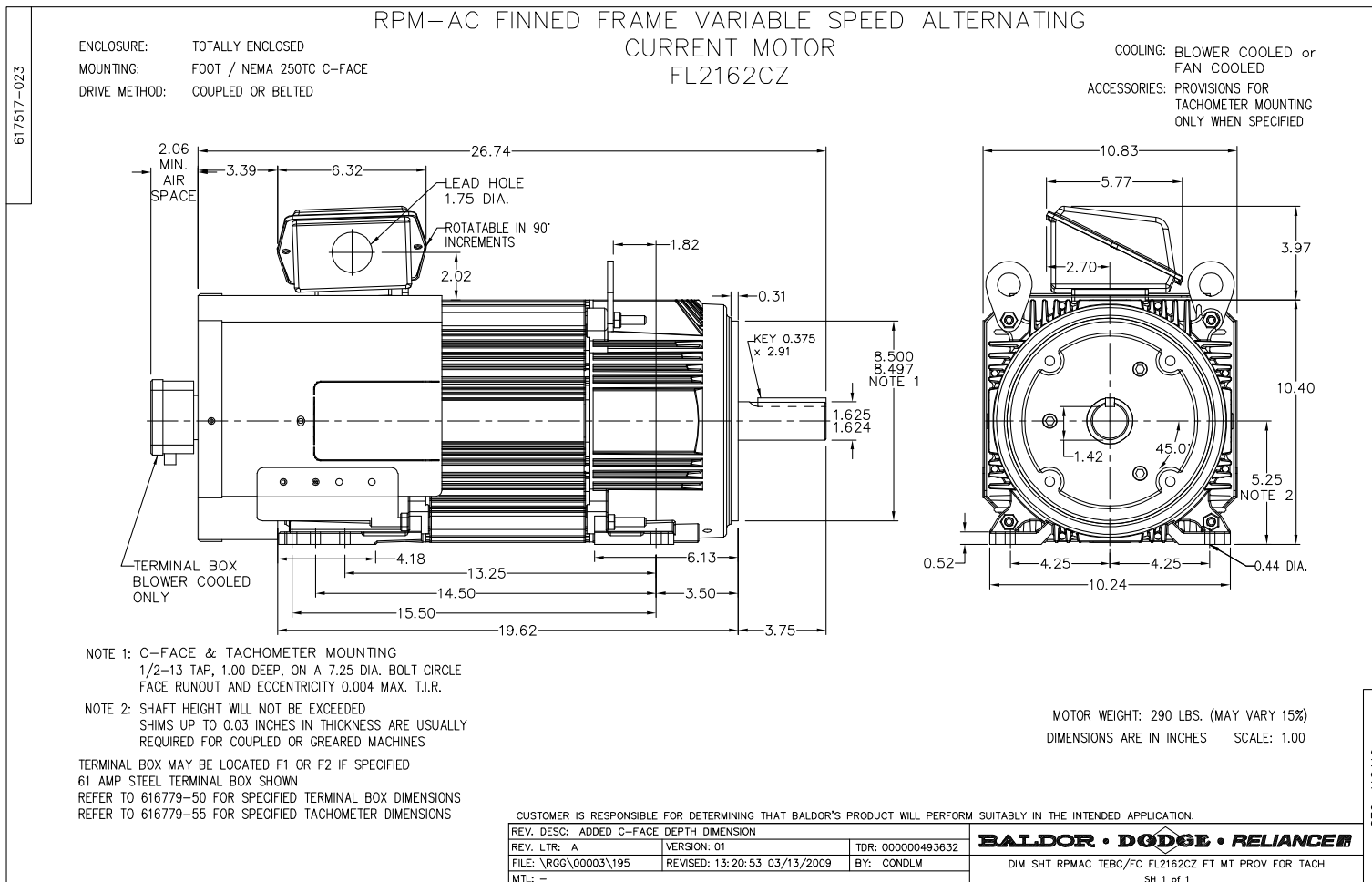
BALDOR® • RELIANCE

Product Information Packet

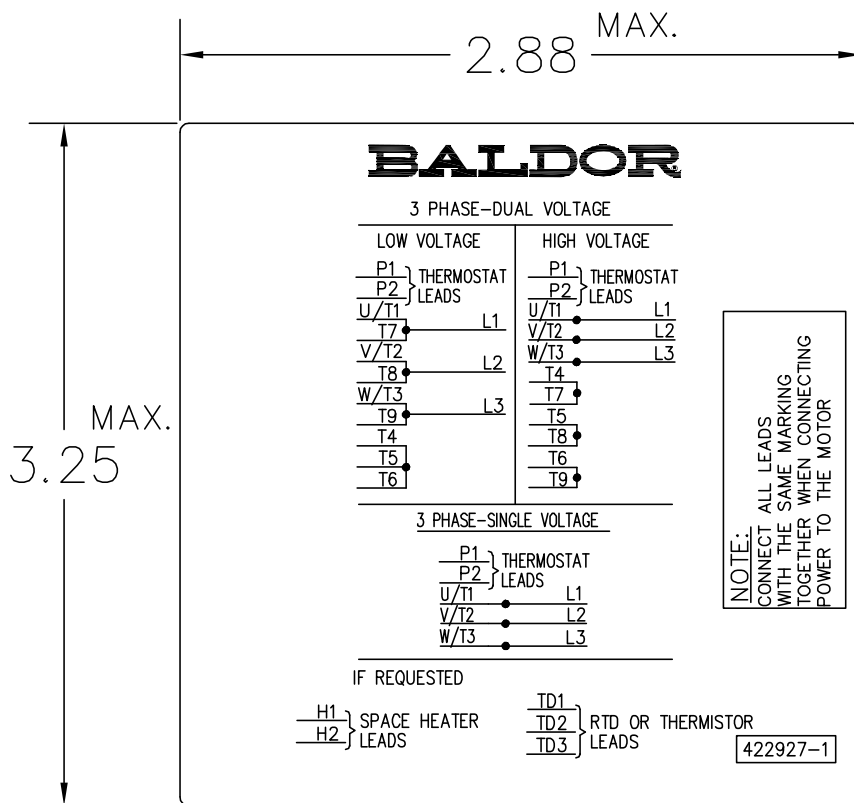
IDBRPM21304C

30 HP 1750 TEBC FL2162C (250TC)

Part Detail			
Model Number:	IDBRPM21304C	Environment:	General Purpose
Voltage:	460	Output:	30 HP
RPM:	1765/3525	Efficiency:	NA
Phase:	3	Frequency:	N/A
Inverter Duty:	Y	Enclosure:	TEBC
Frame Group:	210	Frame Size:	FL2162CZ
Features:	RPM AC	Mounting:	Foot Mounted
Service Factor:	1	Enclosure Group:	TEBC
Weight:	0	Price Symbol:	E2
Speed Range:		Insulation Class:	H
Nema Design:		Encl. Enhancement:	
Catalog Page:	B-194	Dimension Sheet:	617517-23
Connection Diagram:	422927-1	Electric Design:	L3310A
Single HP:	30	Get Notes:	RPM AC
Revision:		Instruction Manual:	
Application:	Variable Speed-V*S	Epact:	
Scaled Drawing:		Obsolete:	N
Last Data Source:	RGG,MADD	Bearing Type:	
Electrical Type:		Mounting Pos.:	
Ambient:	40	Duty:	
Amps:		Nominal Eff.:	
Kva Code:		Power Factor:	
Poles:	00	Literature:	



422927-001



NOTE:
DATA TO BE SIZED
SO THAT IT FITS INTO
MATERIAL DECAL
DIMENSIONS. MAKE
LETTERS & NUMBERS
AS LARGE AS POSSIBLE.

MATERIAL: CERAMATIC DGF-P4
PERMA GRIP ADHESIVE

ALL LETTERS, NUMBERS
AND LINES TO BE BLACK
ON WHITE BACKGROUND.

NOTE:
CONNECT
WITH THE
TOGETHER
POWER TO

422927-1

422927-001

REV. DESC: CHANGE BACKGROUND COLOR FROM GOLD TO WHITE		
REV. LTR: B	VERSION: 02	TDR: 000000788708
FILE: \RGG\00000\203		REVISED: 08:09:29 03/04/2013
MTL: -		BY: RGGWT

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EXTERNAL CONNECTION LABEL
SH 1 of 1

REL. S.O.	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN	EQ	CKT	OHMS	PER PHASE
FRAME	FL2162	AMPS	40	MAX SAFE RPM	5000	(AT BASE RATING, 25 °C)				
HP	30	DUTY	CONT	IM (AMPS)	20	R1	.157	X1	.701	
BASE SPEED	1765	S.F.	1.0	P.F. @NL/FL	.064/.797	R2	.102	X2	.791	
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK² (LB-FT²)	1.92	XM 13.4				
RATED FULL LOAD DATA										
	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS				
BASE SPEED	1766	30.0	89	460	60	39.6				
MAX SPEED	3523	30.0	45	460	120	37.1				
MIN SPEED	0	0	89	18.1	1.14	39.6				
LOAD PERFORMANCE AT BASE SPEED										
	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS				
NO LOAD	1800	0	0	460	60	19.8				
1/4	1792	7.52	22	460	60	22.1				
1/2	1784	15.0	44	460	60	26.3				
3/4	1775	22.5	67	460	60	32.3				
FULL LOAD	1766	30.0	89	460	60	39.6				
0/L	1721	58.5	178	460	60	75.0				
BLOWER DATA										
	VOLTS	PH/HZ	FL AMPS	LR AMPS	FRAME	CFM				
REMARKS: TYPICAL DATA CORRELATED DATA										
BALDOR BALDOR • DOUG • RELIANCE DR. BY B. GRANT CK. BY B. GRANT APP. BY T. CUFR DATE 6-5-06 A-C MOTOR PERFORMANCE DATA L3310A ISSUE DATE 6-5-06										

