

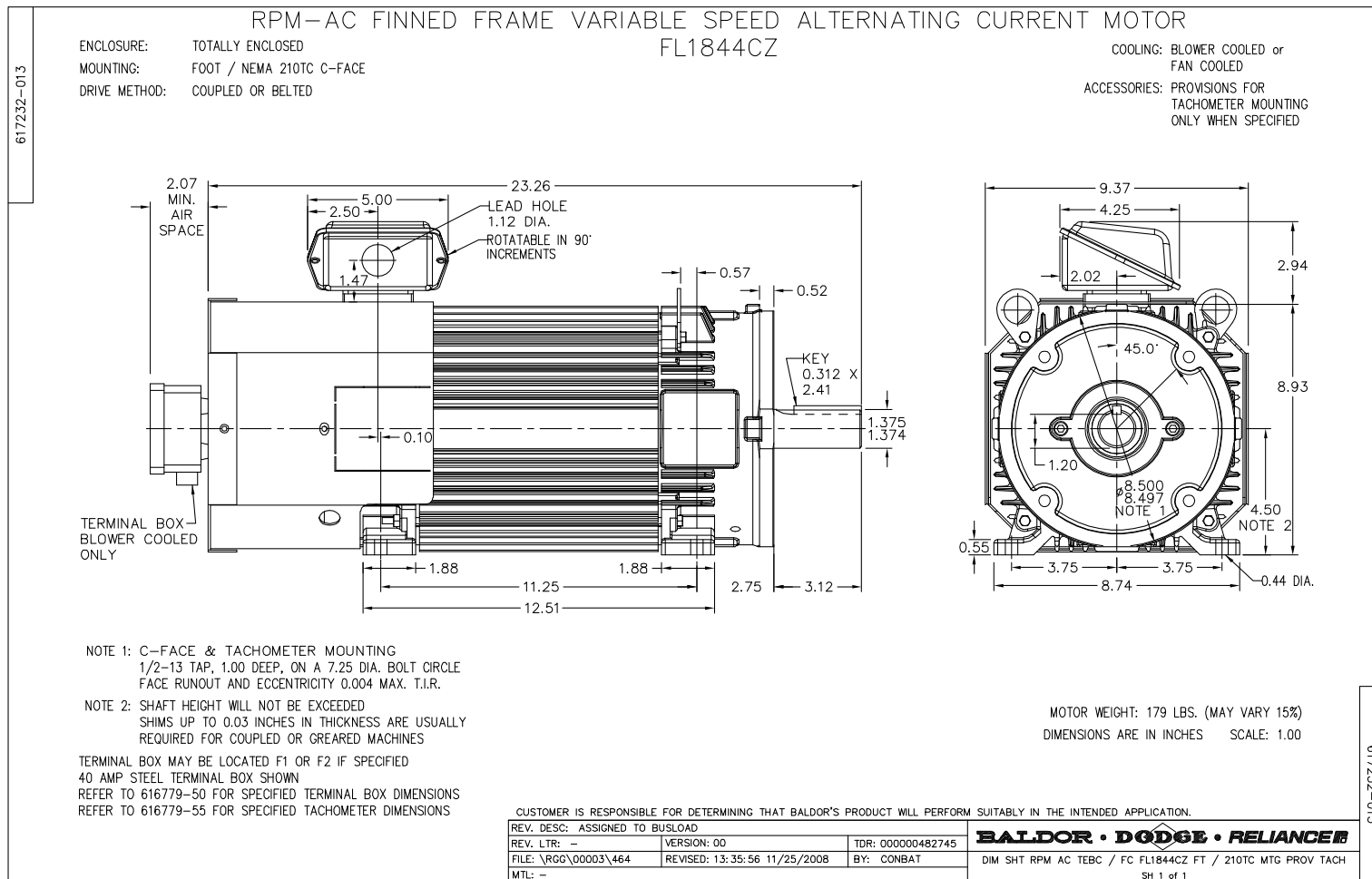
BALDOR® • RELIANCE

Product Information Packet

ZDFRPM18104C

10HP, 1750RPM, 3PH, 60HZ, 1844C, TEFC, FOOT

Part Detail			
Model Number:	ZDFRPM18104C	Environment:	General Purpose
Voltage:	230/460	Output:	10 HP
RPM:	1765/3530	Efficiency:	NA
Phase:	3	Frequency:	N/A
Inverter Duty:	Y	Enclosure:	TEFC
Frame Group:	180	Frame Size:	FL1844CZ
Features:	RPM AC	Mounting:	Foot Mounted
Service Factor:	1	Enclosure Group:	TEFC
Weight:	0	Price Symbol:	E2
Speed Range:		Insulation Class:	H
Nema Design:		Encl. Enhancement:	
Catalog Page:	B-196	Dimension Sheet:	617232-13
Connection Diagram:	422927-1	Electric Design:	L3219A
Single HP:	10	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.

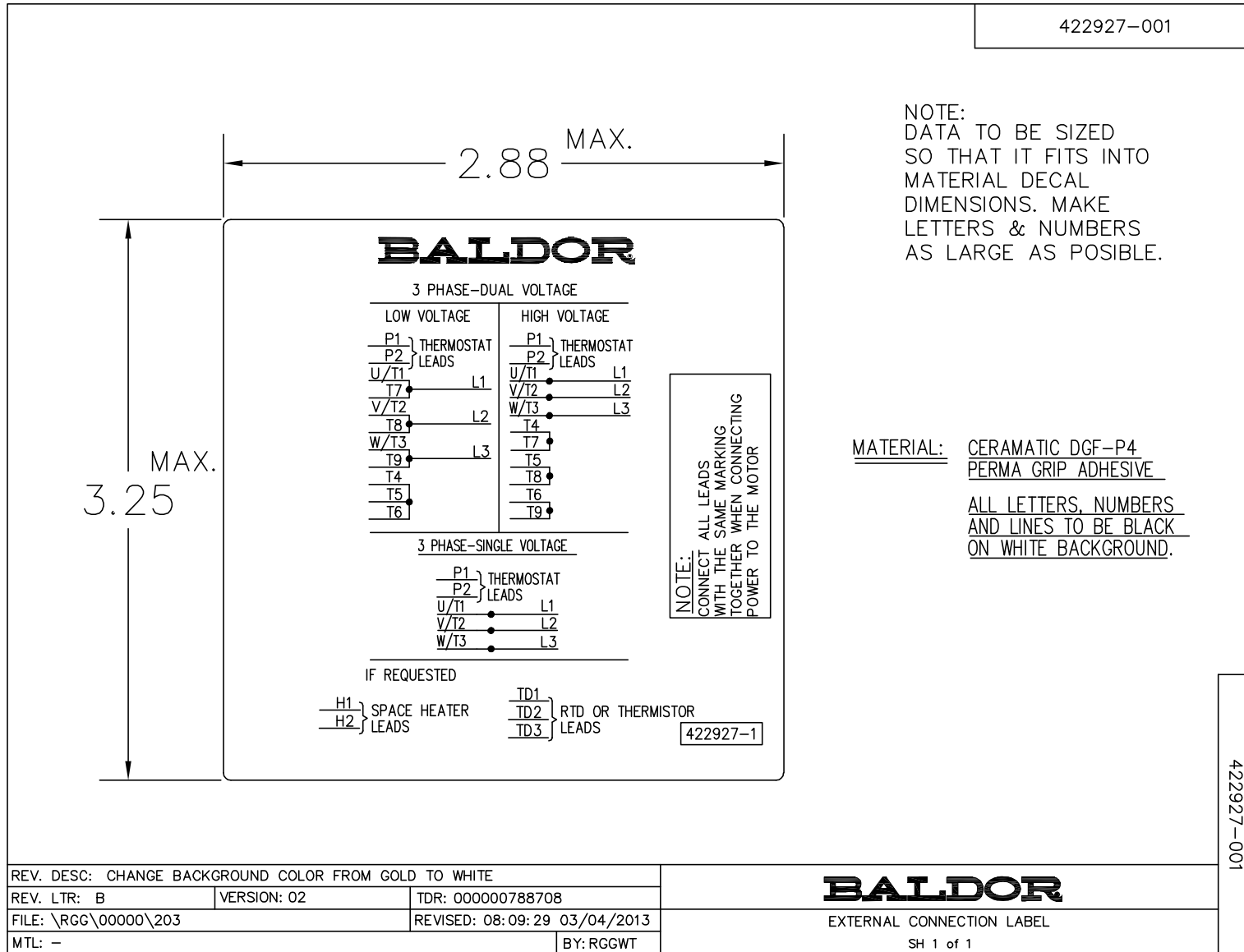
MATERIAL: CERAMATIC DGF-P4
PERMA GRIP ADHESIVE

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

NOTE:
CONNECT ALL LEADS
WITH THE SAME MARKING
TOGETHER WHEN CONNECTING
POWER TO THE MOTOR

422927-1

422927-001



REL S.O.	-	VOLTS	460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25 °C)
FRAME	FL1844	AMPS	13.9	MAX SAFE RPM	7200	
HP	10	DUTY	CONT	IM (AMPS)	8	R1 .439 X1 1.50
BASE SPEED	1765	S.F.	1.0	P.F. @NL/FL	.063/.768	R2 .308 X2 1.86
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (LB-FT ²)	.645	XM 33.2

RATED FULL LOAD DATA						
	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1766	10.0	30	460	60	14.1
MAX SPEED	3527	10.0	15	460	120	12.5
MIN SPEED	0	0	30	17.6	1.14	14.1

LOAD PERFORMANCE AT BASE SPEED						
	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	7.89
1/4	1791	2.50	7	460	60	8.59
1/2	1783	5.01	15	460	60	9.97
3/4	1775	7.50	22	460	60	11.8
FULL LOAD	1766	10.0	30	460	60	14.1
0/L	1725	19.6	60	460	60	25.1

BLOWER DATA	VOLTS	PH/HZ	FL AMPS	LR AMPS	FRAME	CFM
	REMARKS: TYPICAL DATA					

	DR. BY	B. GRANT	A-C MOTOR PERFORMANCE DATA L3219A ISSUE DATE 3-8-06
	CK. BY	B. GRANT	
	APP. BY	T. CUFR	
	DATE	3-8-06	

