

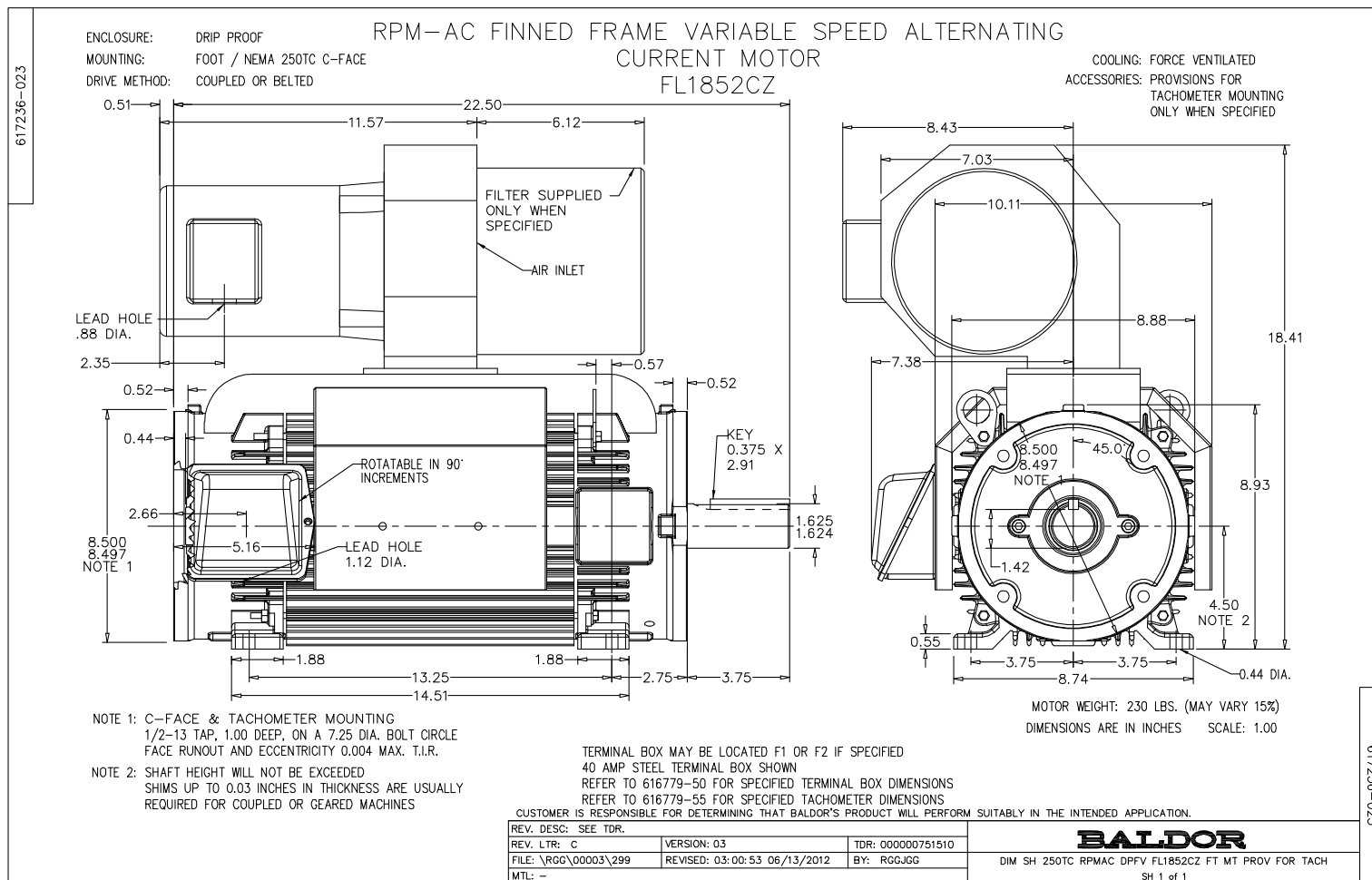
BALDOR® • RELIANCE

Product Information Packet

IDDRPM18304C

30HP,1745RPM,3PH,60HZ,1852C,DPG-FV,FT/2

Part Detail			
Model Number:	IDDRPM18304C	Environment:	General Purpose
Voltage:	460	Output:	30 HP
RPM:	1745/2300	Efficiency:	NA
Phase:	3	Frequency:	N/A
Inverter Duty:	Y	Enclosure:	DPG-FV
Frame Group:	180	Frame Size:	FL1852CZ
Features:	RPM AC	Mounting:	Foot Mounted
Service Factor:	1	Enclosure Group:	DPG-FV
Weight:	0	Price Symbol:	E2
Speed Range:		Insulation Class:	H
Nema Design:		Encl. Enhancement:	
Catalog Page:	M-213,	Dimension Sheet:	617236-23
Connection Diagram:	422927-1	Electric Design:	L1206A
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.

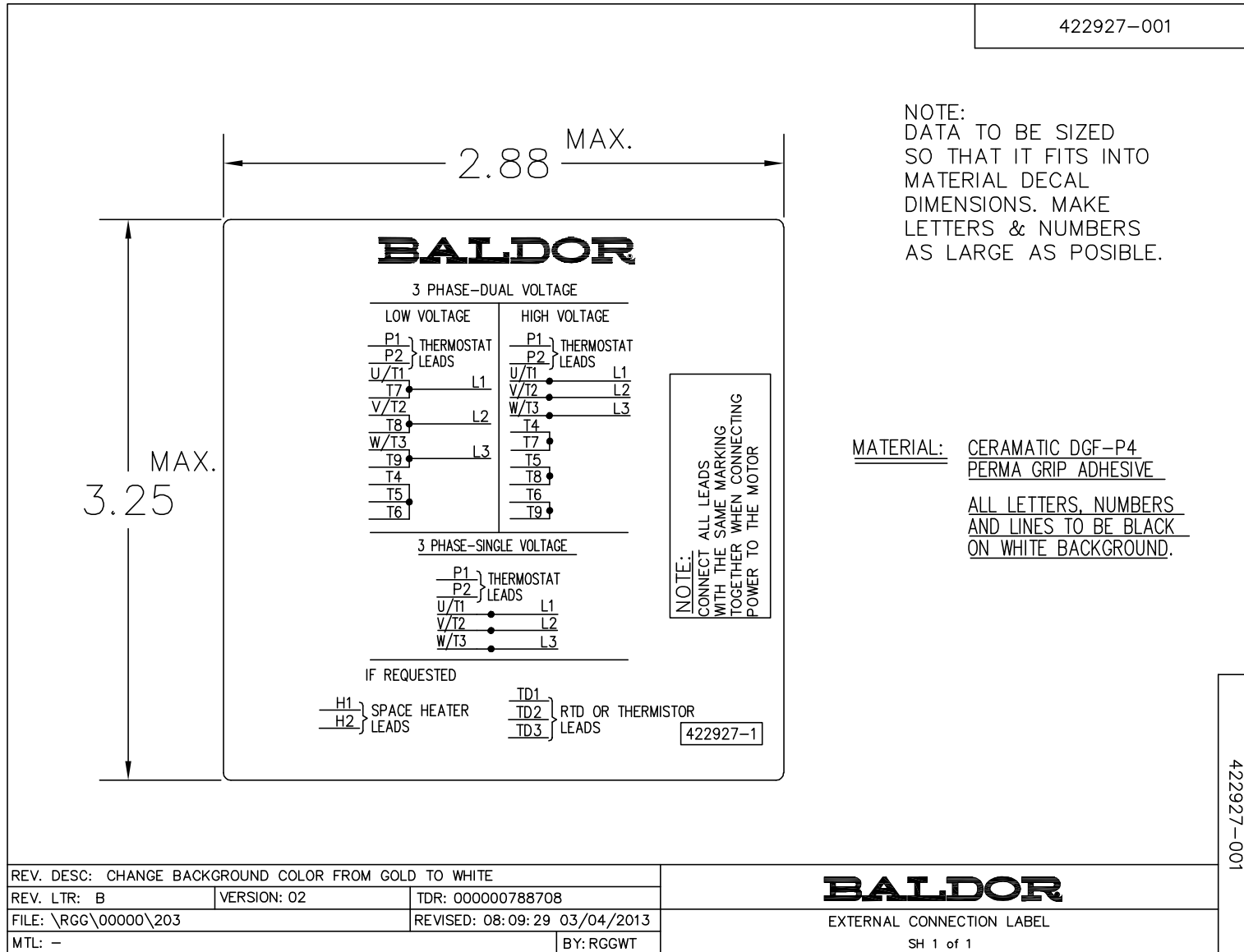
MATERIAL: CERAMATIC DGF-P4
PERMA GRIP ADHESIVE

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

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

422927-1

422927-001



REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE	CONN	EQ	CKT	OHMS	PER	PHASE
FRAME	FL1852	AMPS	39	MAX SAFE RPM	7200	(AT BASE RATING, 25 °C)						
HP	30	DUTY	CONT	IM (AMPS)	17.5	R1	.211	X1	.727			
BASE SPEED	1745	S.F.	1.0	P.F. @NL/FL	.080/.838	R2	.155	X2	.742			
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (lb-ft ²)	.8			XM	12.7			

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1745	30.0	90	460	60	41.2
MAX SPEED	3473	30.0	45	460	120	38.7
MIN SPEED	0	0	90	25.5	1.83	41.2

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	21.2
1/4	1787	7.50	22	460	60	23.1
1/2	1774	15.0	44	460	60	27.4
3/4	1760	22.5	67	460	60	33.6
FULL LOAD	1745	30.0	90	460	60	41.2
O/L	1666	57.3	181	460	60	80.9

REMARKS: TYPICAL DATA

BALDOR A MEMBER OF THE ABB GROUP	DR. BY	B. GRANT	A-C MOTOR PERFORMANCE DATA
	CR. BY	B. GRANT	
	APP. BY	T. EVON	
	DATE	3-31-98	
			L1206A ISSUE DATE 12-12-13

