

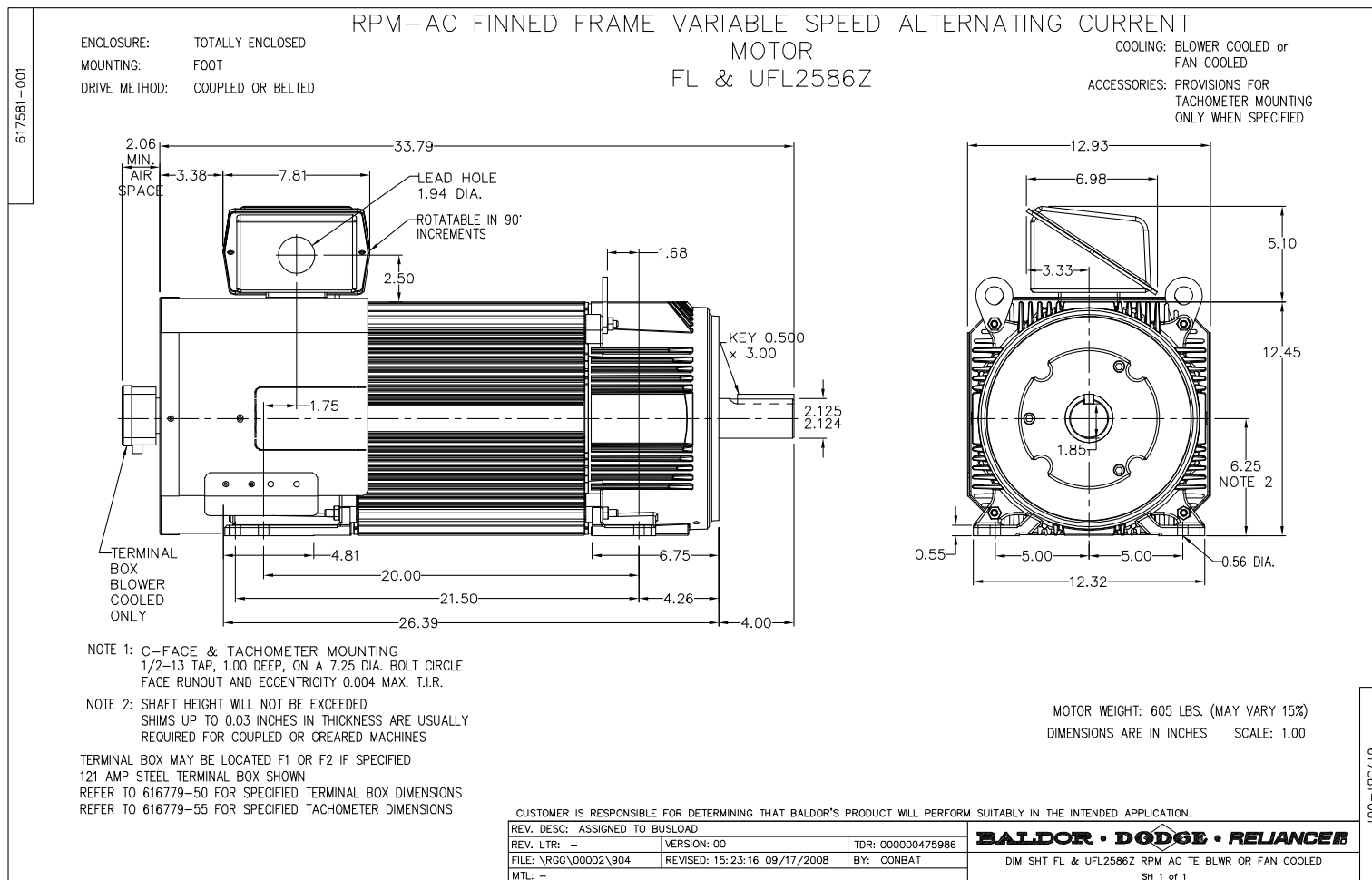
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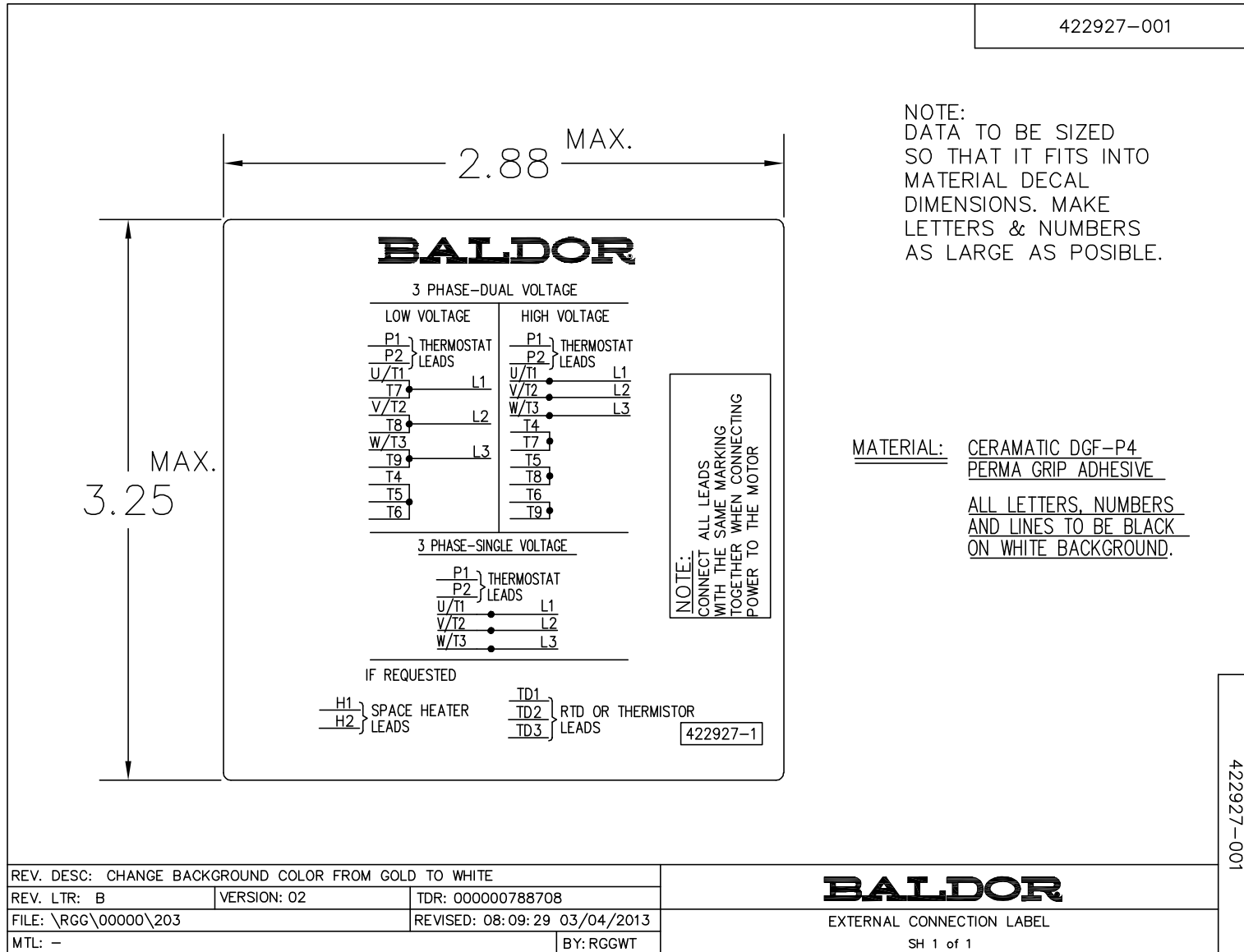
Product Information Packet

ZDFRPM25404

40HP, 1750RPM, 3PH, 60HZ, 2586, TEFC, FOOT

Part Detail			
Model Number:	ZDFRPM25404	Environment:	General Purpose
Voltage:	460	Output:	40 HP
RPM:	1780/3560	Efficiency:	NA
Phase:	3	Frequency:	N/A
Inverter Duty:	Y	Enclosure:	TEFC
Frame Group:	250	Frame Size:	FL2586Z
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:	617581-1
Connection Diagram:	422927-1	Electric Design:	L3271A
Single HP:	40	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:	





REL S.O.	-	VOLTS	460	ENCLOSURE	TEFC	WYE CONN	EQ CKT OHMS PER PHASE
FRAME	FL2586	AMPS	51	MAX SAFE RPM	5000	(AT BASE RATING, 25 °C)	
HP	40	DUTY	CONT	IM (AMPS)	25	R1	.0669 X1 .338
BASE SPEED	1780	S.F.	1.0	P.F. @NL/FL	.049/.804	R2	.0458 X2 .610
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (LB-FT ²)	4.9		XM 10.5

RATED FULL LOAD DATA						
	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1781	40.0	118	460	60	50.6
MAX SPEED	3560	40.0	59	460	120	46.8
MIN SPEED	0	0	118	9.71	.621	50.6

LOAD PERFORMANCE AT BASE SPEED						
	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	24.5
1/4	1795	10.0	29	460	60	27.5
1/2	1791	20.0	59	460	60	33.4
3/4	1786	30.0	88	460	60	41.4
FULL LOAD	1781	40.0	118	460	60	50.6
0/L	1760	79.1	236	460	60	92.0

BLOWER DATA						
	VOLTS	PH/HZ	FL AMPS	LR AMPS	FRAME	CFM

REMARKS: TYPICAL DATA
CORRELATED DATA

		DR. BY <u>B. GRANT</u> CK. BY <u>B. GRANT</u> App. BY <u>T. CUFR</u> DATE <u>5-9-06</u>	A-C MOTOR PERFORMANCE DATA L3271A ISSUE DATE <u>5-9-06</u>
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