



Customer information packet

IDDRPM322504R1M010

250HP, 1750, 460V, RL3203, DPFV, F2

Specifications

Enclosure	DPFV
Frame	RL3203Z
Frame Material	Exposed Laminations
Frequency	60.00 Hz
Motor Letter Type	Three Phase
Output @ Frequency	250.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ
Agency Approvals	CCSA US
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	295.000 A @ 460.0 V
Duty Rating	CONT
Feedback Device	NO FEEDBACK
Frame Prefix	RL
Heater Indicator	No Heater
High Voltage Full Load Amps	295.0 a
Insulation Class	H
IP Rating	NONE
Motor Standards	NEMA
Mounting Arrangement	F2
Number of Poles	4
Overall Length	38.64 IN
Product Family	General Industrial
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Service Factor	1.00
Shaft Diameter	2.874 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible

Part detail

Revision	A
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	L0115A
Layout	619691-001
Eff. date	03-29-2022
CD Diagram	422927-001
Poles	04
Leads	
Proprietary	False
Created date	07-25-2017

Speed	1765 rpm
Thermal Device - Bearing	None
Thermal Device - Winding	Normally Closed Thermostat

Nameplate

000613006MY							
	DUTY	HP	RPM	AMPS	VOLTS	HZ	
	CONT	250	1765	295	460	60	
	CONT	250	2200	295	460	75	
	CONT	250	2945	285	460	100	
SPEC. NO.	IDDRPM322504R1M010						
SER.NO			FR	RL3203Z	INSUL	H	
PH.	3	MAX SAFE SPEED		4000	AMB.	40	MIN. AMB. -25
DESIGN NO.	L0115A	TYPE			ENCL.	DPG-FV	
S.F.	1.00	D.E. BRG.		85BC02J30X			
ENCL MOD			O.D.E. BRG.	65BC03J30X			

REL. S. O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25 °C)
FRAME	RL3203	AMPS	289.68	MAX SAFE RPM	4000	
HP	250	DUTY	CONT	IM (AMPS)	93.12	R1 .0132 X1 .100
BASE SPEED	1765	S.F.	1.0	P.F.@NL/FL	.037/.87	R2 .0111 X2 .0979
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (lb.-ft ²)	21.3	XM 2.79

RATED FULL LOAD DATA

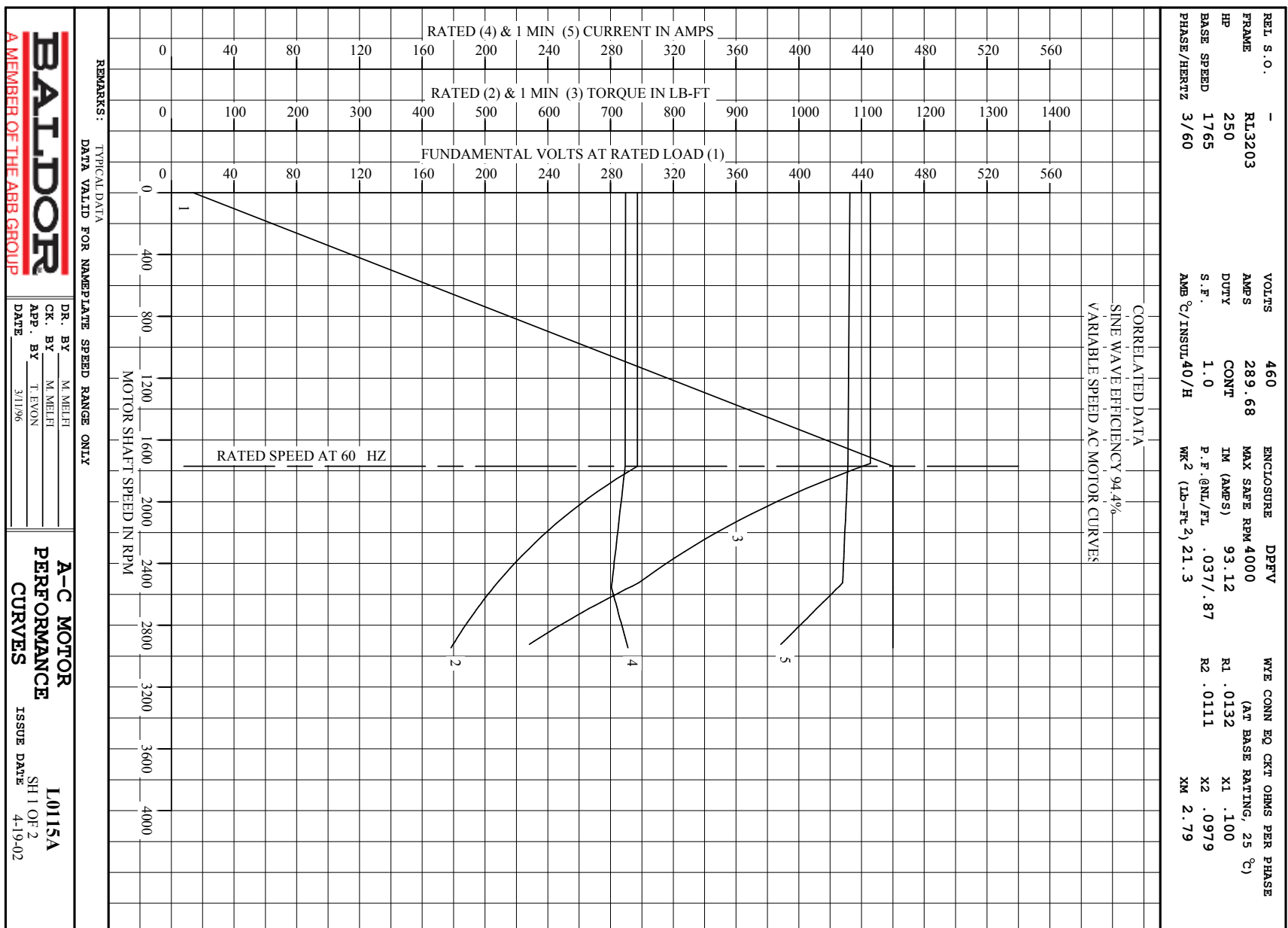
	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1771	250	743	460	60	289
MAX SPEED	2946	250	446	460	100	291
MIN SPEED	0	0	0	14.0	.980	290

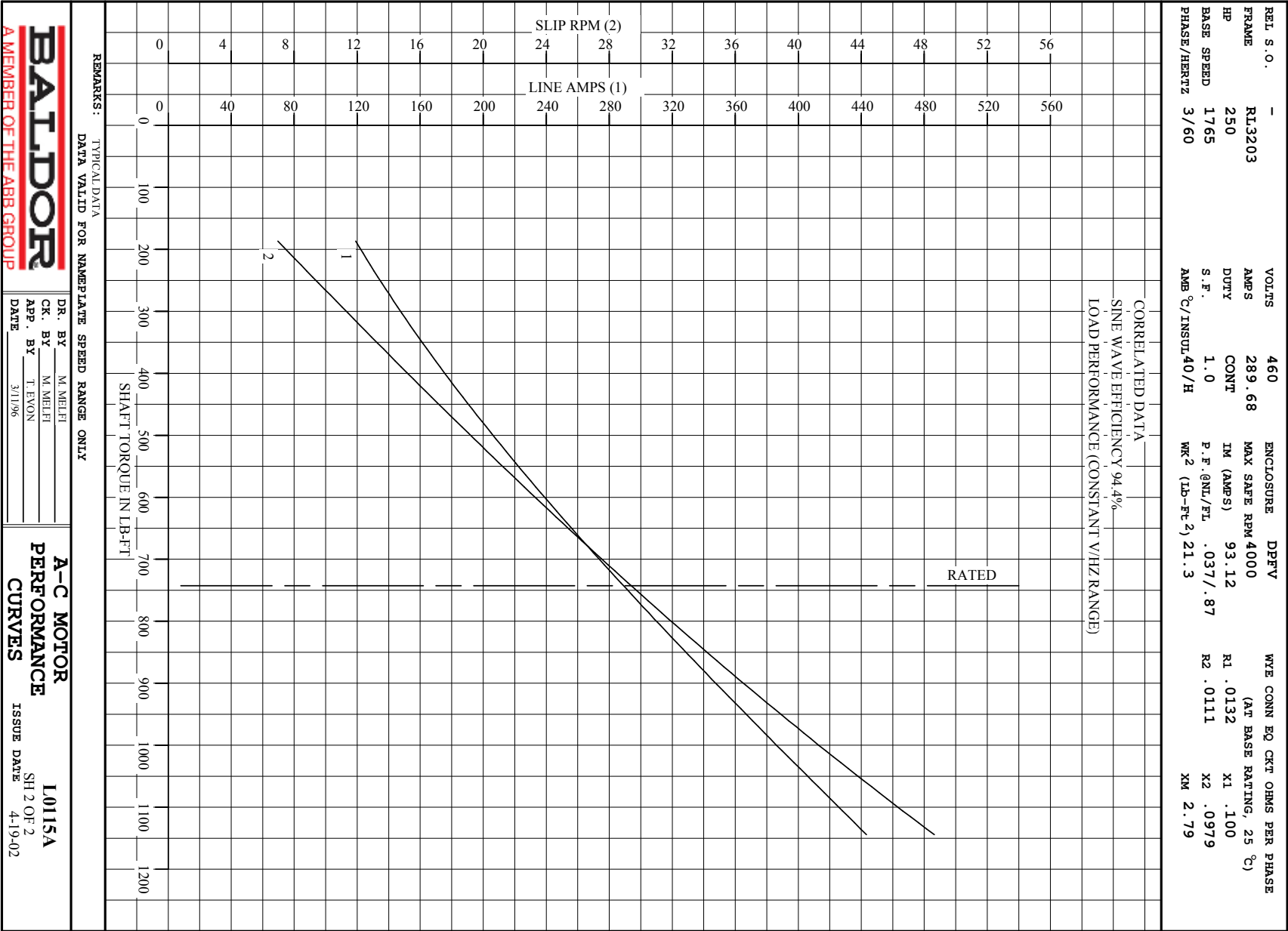
LOAD PERFORMANCE AT BASE SPEED

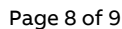
	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	94.7
1/4	1793	63.8	187	460	60	119
1/2	1786	127	374	460	60	167
3/4	1778	191	564	460	60	227
FULL LOAD	1771	250	743	460	60	289
O/L	1753	372	1114	460	60	431

REMARKS: TYPICAL DATA
CORRELATED DATA
SINE WAVE EFFICIENCY 94.4%

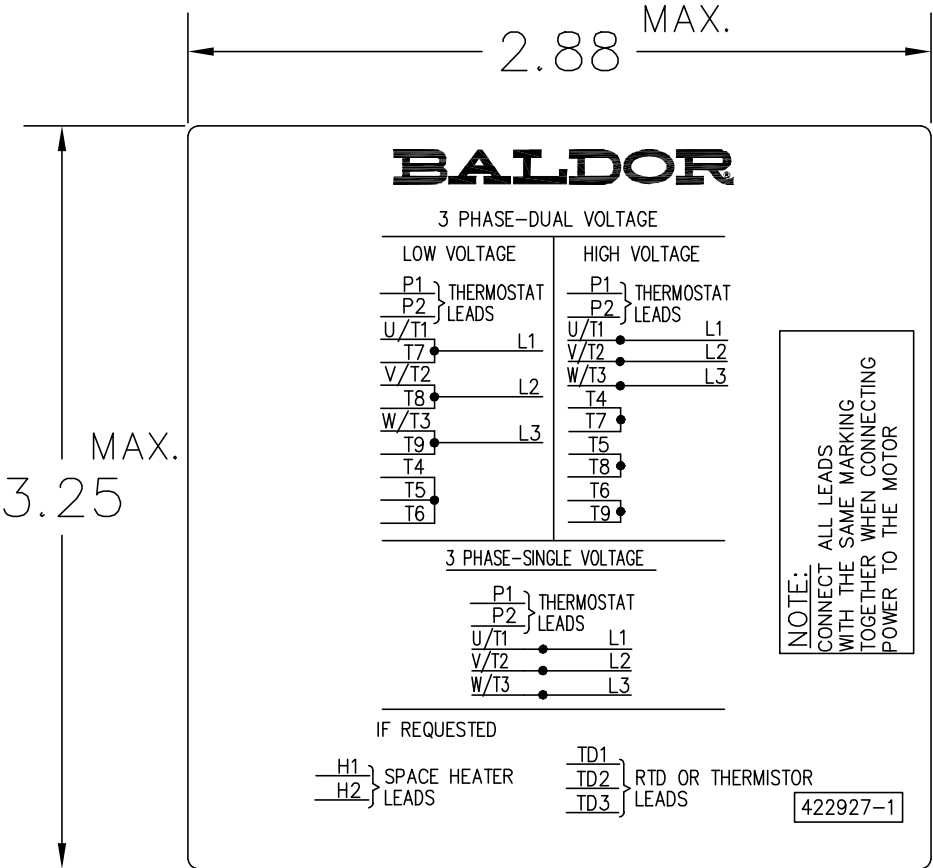
BALDOR A MEMBER OF THE ABB GROUP	DR. BY	M. MELFI	A-C MOTOR PERFORMANCE DATA L0115A ISSUE DATE 4-19-02
	CK. BY	T. EVON	
	APP. BY		
	DATE	3/11/96	







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.

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

BALDOR

EXTERNAL CONNECTION LABEL

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