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Product Information Packet

ELECTRIC MOTOR WHOLESALE.COM

IDDRPM321506

150HP,1170RPM,3PH,NAHZ,L3203,DPG-FV,FOOT

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Part Detail			
Model Number:	IDDRPM321506	**Environment:**	General Purpose
Voltage:	460	**HP:**	150
RPM:	1170/1600	**Efficiency:**	NA
Phase:	3	**Frequency:**	N/A
Inverter Duty:	Y	**Enclosure:**	DPG-FV
Frame Group:	320	**Frame Size:**	L3203
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:	A	**Encl. Enhancement:**	
Catalog Page:	M-216,	**Dimension Sheet:**	616764-1
Connection Diagram:	422927-1	**Electric Design:**	L0339A
Single HP:	150	**Get Notes:**	RPM AC
Revision:		**Instruction Manual:**	B-3682
Application:	Variable Speed-V*S	**Epact:**	Y
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:**	

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616764-001

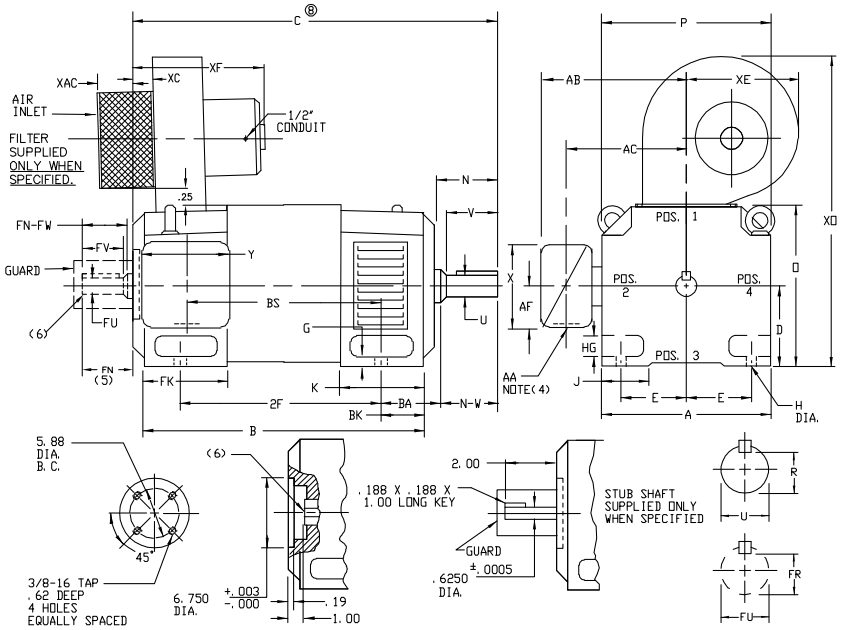
VARIABLE SPEED ALTERNATING CURRENT MOTORS

ENCLOSURE: DRIP-PROOF FULLY-GUARDED RPM AC
MOUNTING: FOOT
DRIVE METHOD: COUPLED OR BELTED

COOLING: FORCE VENTILATED WITH INTEGRAL BLOWER AND MOTOR

ACCESSORIES: PROVISIONS FOR TACHOMETER MOUNTING ONLY WHEN SPECIFIED

FRAMES L3203Z THRU UL3213Z



DIMENSIONS ARE IN INCHES

FRAME	A	D(1)	E	G	H	HG	J	O	P	BA	K	FK	BK
L3203Z THRU UL3213Z	15.50	8.00	6.25	.75	.69	2.25	3.00	15.81	15.62	5.25	6.75	7.94	4.00

FRAME	C (8)	B	BS	2F	DRIVE END SHAFT AND KEY N	N-W	U(2)	V	R(3)	SQ.	LGTH.	WT. LBS.
UL&L3203Z	39.88	31.44	22.81	25.75	6.00	5.75	2.875	5.50	2.450	.750	4.25	1185
UL&L3213Z	42.38	33.94	25.31	28.25	6.00	5.75	2.875	5.50	2.450	.750	4.25	1325

OPPOSITE DRIVE END SHAFT AND KEY (5) FN	FN-FW	FU(2)	FV	FR(3)	SQ.	LGTH.
5.00	4.75	2.375	4.50	2.021	.625	3.50
5.00	4.75	2.375	4.50	2.021	.625	3.50

FRAME	XAC	XC	XE	XF	XO
L3203Z THRU UL3213Z	6.75	3.25	8.50	19.25	28.00

(1) 'D' DIMENSION WILL NOT BE EXCEEDED. SHIMS UP TO .03 INCHES IN THICKNESS ARE USUALLY REQUIRED FOR COUPLED OR GEARED MACHINES.
(2) 'U' AND 'FU' VARY---+.000 -.001
(3) 'R' AND 'FR' VARY---+.000 -.015
(4) FOR TERMINAL BOX DIMENSIONS 'AA', 'AB', 'AC', 'AF', 'X' AND 'Y' REFER TO BOX D/S 616779-1
(5) OPPOSITE DRIVE END SHAFT SUPPLIED ONLY WHEN SPECIFIED.
(6) MOTOR SHAFT TAPPED FOR SCREW-IN STUB SHAFT
(7) FOR TACHOMETER DIMENSIONS REFER TO 616779-10
(8) WHEN THE MOTOR APPLICATION DOES NOT REQUIRE THE USE OF OPP. DRIVE, ADD .25 TO 'C' DIM. FOR BRACKET COVER.

TERMINAL BOX CAN BE ROTATED FOR LEAD OUTLET AT TOP, SIDES OR BOTTOM. TERMINAL BOX LOCATED ON OPPOSITE SIDE WHEN F-2, W-1, W-4, W-5, W-7, OR C-1 MOUNTING IS SPECIFIED. BOX LOCATED ON TOP WHEN SPECIFIED. BLOWER ASSEMBLY CAN BE LOCATED AT POSITIONS 1, 2, OR 4, EXCEPT BLOWER ASSEMBLY AND TERMINAL BOX CAN NOT BE LOCATED AT THE SAME POSITION. MOTOR WEIGHT MAY VARY 15% FOR NON-STANDARD RATINGS AND/OR ACCESSORIES. IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.

FRAME PREFIX UL = ROLLER BEARING
FRAME PREFIX L = BALL BEARINGS

FRAME- _____ TYPE- _____ TERMINAL BOX- _____ BLOWER MOTOR VOLTS- _____ CERTIFIED FOR- _____

ORDER- _____ ITEM _____ HP- _____ RPM- _____ PH- _____ HZ- _____ VOLTS _____

SALES ORDER- _____ APPROVED BY- _____ DATE- _____

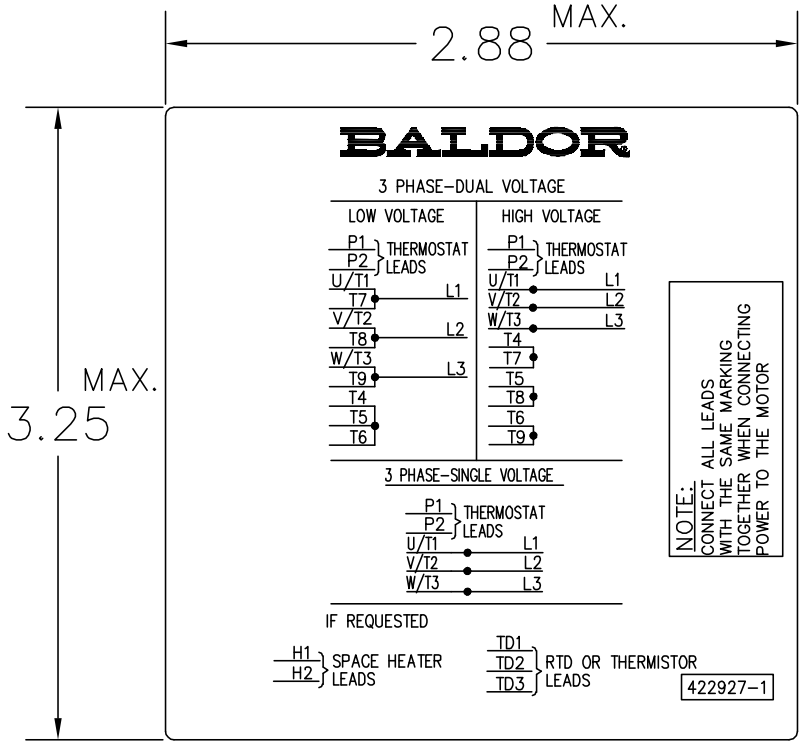
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

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REV. DESC: ASSIGNED TO BUSLOAD	TDR: 000000486942	DIM SHT L3203Z THRU UL3213Z RPM AC DPFV INT BLWR & MTR
REV. LTR: -	VERSION: 00	
FILE: \RGG\000031\685	REVISED: 11:25:10 01/09/2009	BY: CONBAT
MTL: -		SH 1 of 1

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422927-001



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

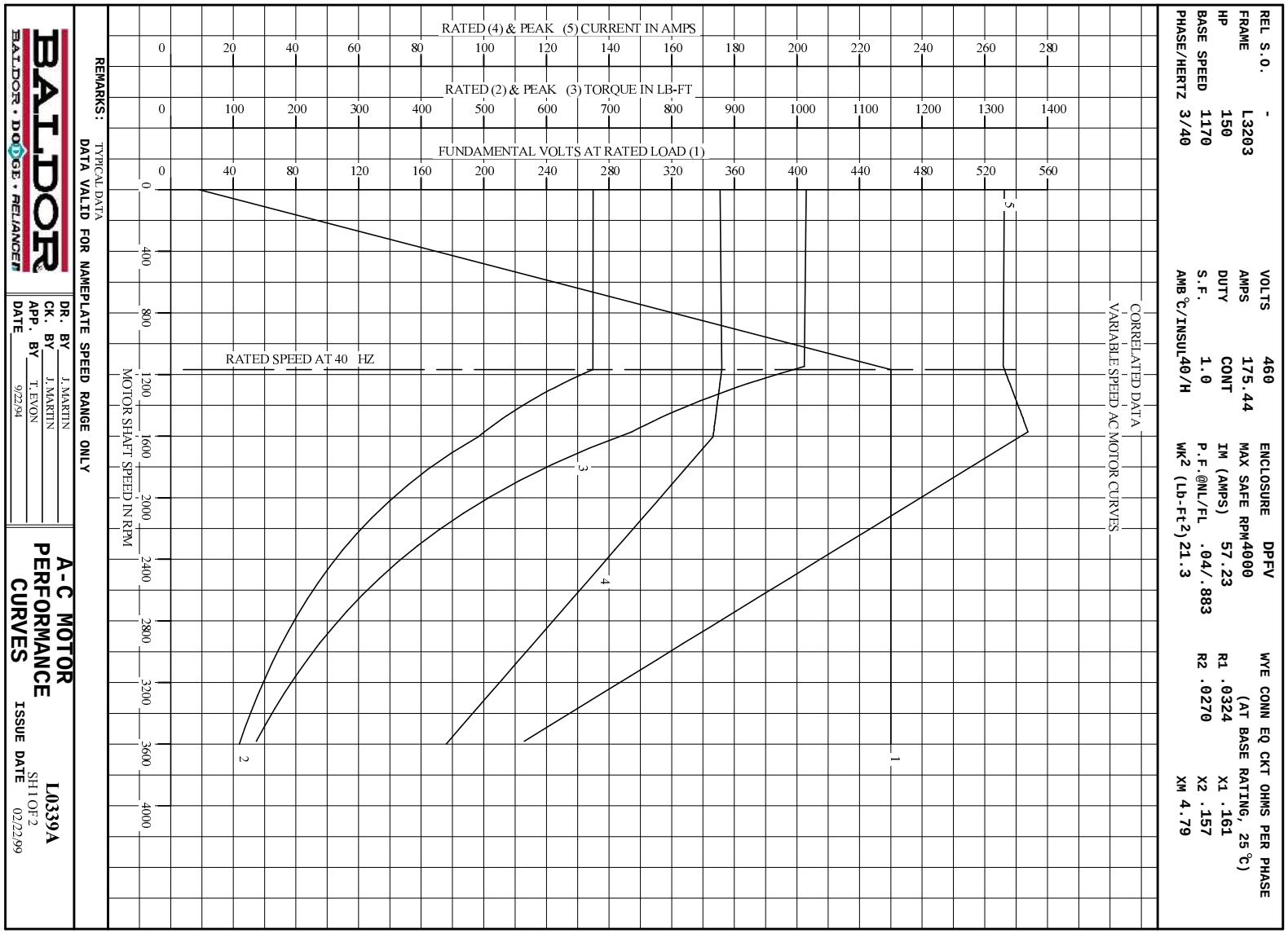
MATERIAL: CERAMATIC DGF-P4
PERMA GRIP ADHESIVE

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

422927-001

REV. DESC: CHANGE LOGO TO BALDOR			BALDOR
REV. LTR: A	VERSION: 01	TDR: 000000556744	
FILE: \RGG\00000\203		REVISED: 02:51:59 09/02/2010	EXTERNAL CONNECTION LABEL
MTL: –		BY: RGGWT	SH 1 of 1

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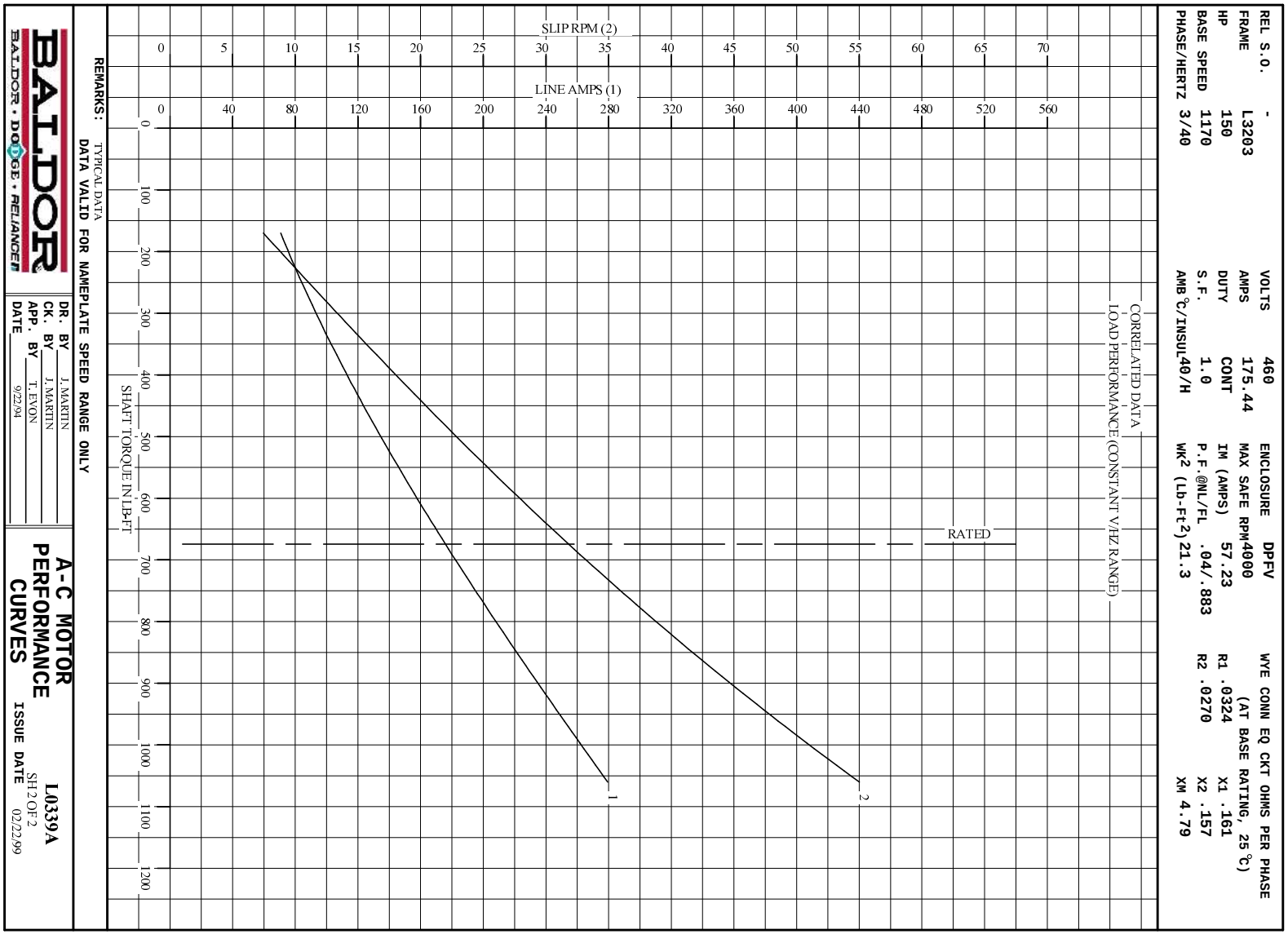
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REL S.O. -
FRAME L3203
HP 150
BASE SPEED 1170
PHASE/HERTZ 3/40

VOLTS 460
AMPS 175.44
DUTY CONT
S.F. 1.0
AMB°C/INSUL 40/H

ENCLOSURE DPFV
MAX SAFE RPM 4000
IM (AMPS) 57.23
P.F.@NL/FL .04/.883
WK² (Lb-Ft²) 21.3

WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)
R1 .0324 X1 .161
R2 .0270 X2 .157
XM 4.79



REMARKS: TYPICAL DATA
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY

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DR. BY J. MARTIN
CK. BY J. MARTIN
APP. BY T. EVON
DATE 9/22/94

A-C MOTOR PERFORMANCE CURVES

L0339A
SH 2 OF 2
ISSUE DATE 02/22/99

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