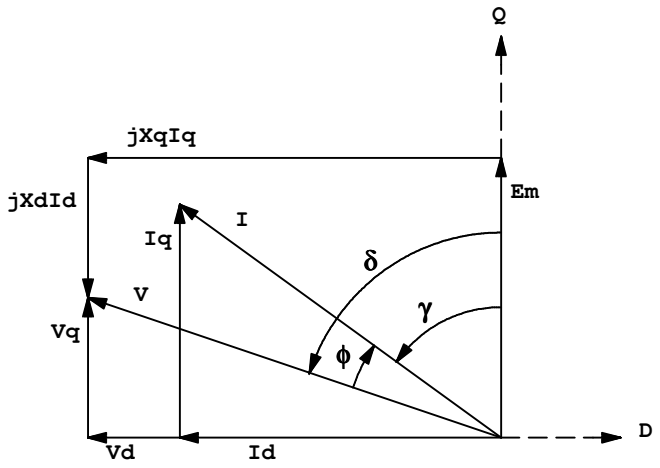
S.O. 0	VOLTS 460	TYPE IPM	STATOR RES.@ 25 °C .3729
FRAME FL1852	AMPS 25.9	ENCLOSURE TEBC	OHMS (BETWEEN LINES)
HP 25	DUTY CONT	MAX SAFE RPM 7200	
BASE SPEED 1800	S.F. 1.0	WK^2 ($Lb-Ft^2$) .96	
PHASE/HERTZ 3/60	AMB °C/INSUL 40/H	MAX INSTANTANEOUS OVERLOAD AMPS 77.7	

VARIABLE SPEED PERFORMANCE

HP	AMPS (rms)	RPM	GAMMA*	POWER FACT.	EFF.	VOLTS (L-L) (rms)	Em (L-N) (rms)	Lq (mH)	Ld (mH)
OpenCkt**	N/A	1800	5.0	N/A	N/A	N/A	191	N/A	N/A
OpenCkt,hot	N/A	1800	5.0	N/A	N/A	N/A	172	N/A	N/A
5.10	6.5	1800	29.0	98.0	92.3	372	172	65.0	7.90
11.4	12.9	1800	37.8	97.2	94.0	416	172	48.0	8.10
18.0	19.4	1800	42.1	96.3	94.9	437	172	39.0	8.20
25.0	25.9	1800	46.5	95.4	95.1	459	172	35.0	8.40

Remarks: TYPICAL DATA
CONSTANT TORQUE 0-1800 RPM, CONSTANT POWER 1800-3000 RPM
200% OVERLOAD BELOW BASE SPEED TAPERED TO 100% AT 3000 RPM



*Gamma is the current angle relative to counter emf, defined to be positive when current leads counter emf.

Equivalently, Gamma is positive when Id is negative.

**Data at 25°C - all other data at rated temperature

BALDOR	DR. BY CD CK. BY RM APP. BY RM DATE 4/23/10	IPM MOTOR PERFORMANCE DATA PM3926A ISSUE DATE 4/23/10

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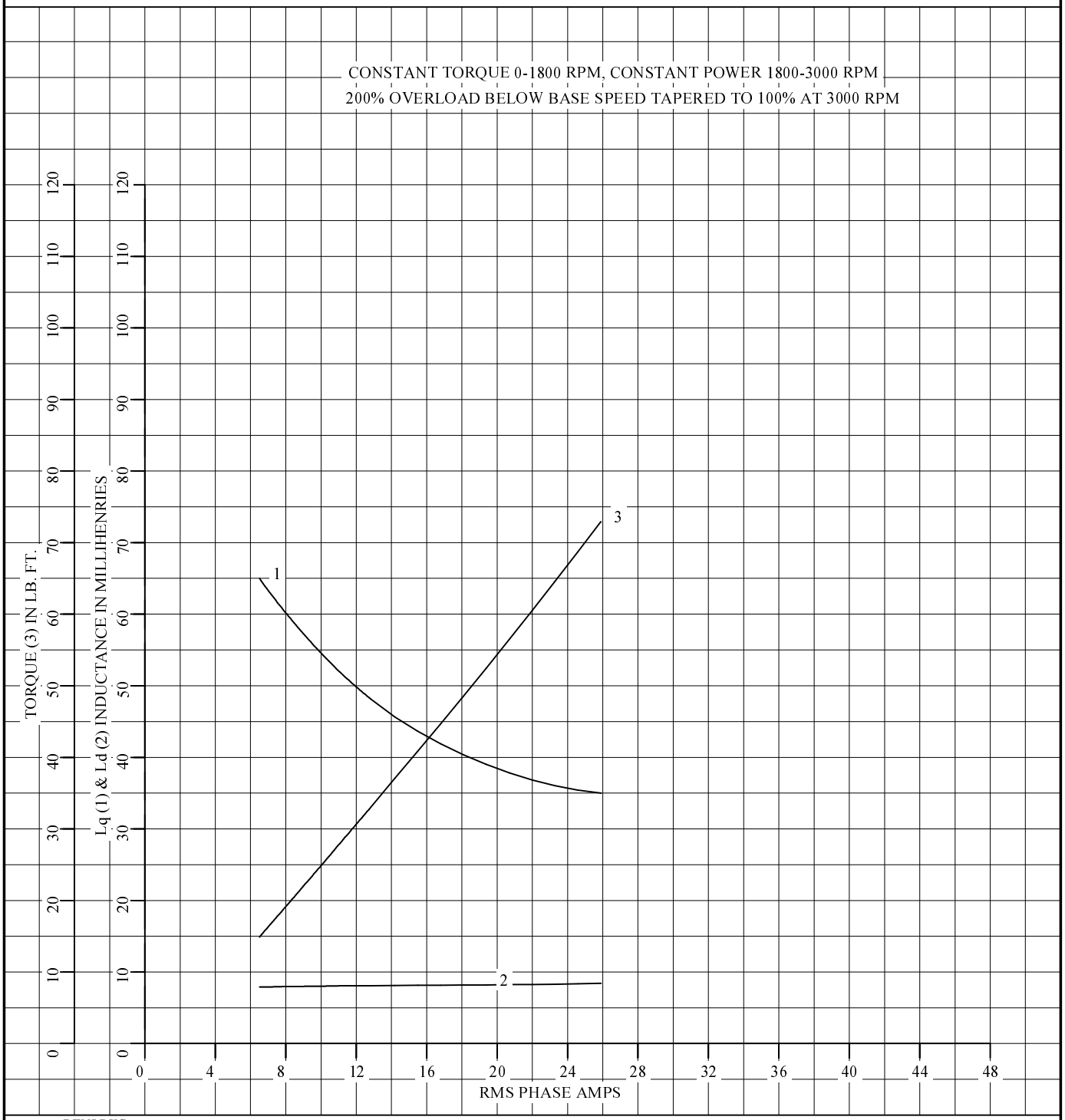
Lq, Ld, & Torque vs. RMS Phase Amps



REMARKS: TYPICAL DATA

BALDOR

DR. BY	CD
CK. BY	RM
APP. BY	RM
DATE	4/23/10

IPM MOTOR PERFORMANCE DATA

PM3926A

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