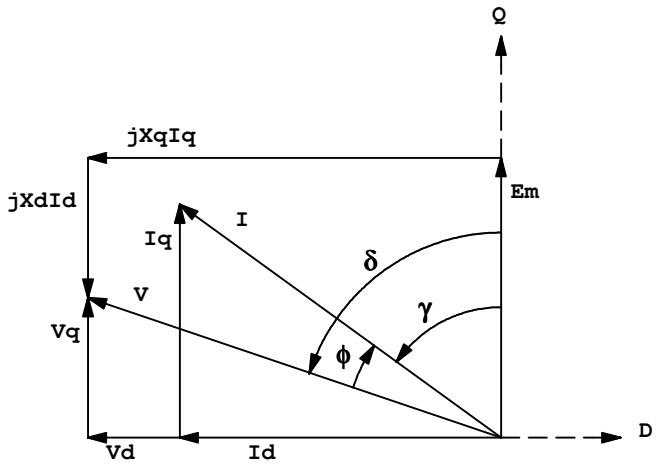
S.O. 0	VOLTS 460	TYPE IPM	STATOR RES.@ 25 °C .1324
FRAME FL2173	AMPS 66.5	ENCLOSURE TEBC	OHMS (BETWEEN LINES)
HP 60	DUTY CONT	MAX SAFE RPM 5000	
BASE SPEED 1800	S.F. 1.0	WK^2 ($Lb-Ft^2$) 2.99	
PHASE/HERTZ 3/60	AMB °C/INSUL 40/H	MAX INSTANTANEOUS OVERLOAD AMPS 199.5	

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	182	N/A	N/A
OpenCkt,hot	N/A	1800	5.0	N/A	N/A	N/A	154	N/A	N/A
12.7	16.6	1800	31.5	95.5	93.8	368	154	29.7	4.80
28.2	33.2	1800	39.3	93.7	94.8	412	154	20.9	4.60
43.8	49.9	1800	43.1	91.7	95.0	434	154	16.5	4.50
60.0	66.5	1800	47.0	90.0	94.8	456	154	14.4	4.40

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 5/10/10	IPM MOTOR PERFORMANCE DATA PM3757A ISSUE DATE 5/10/10

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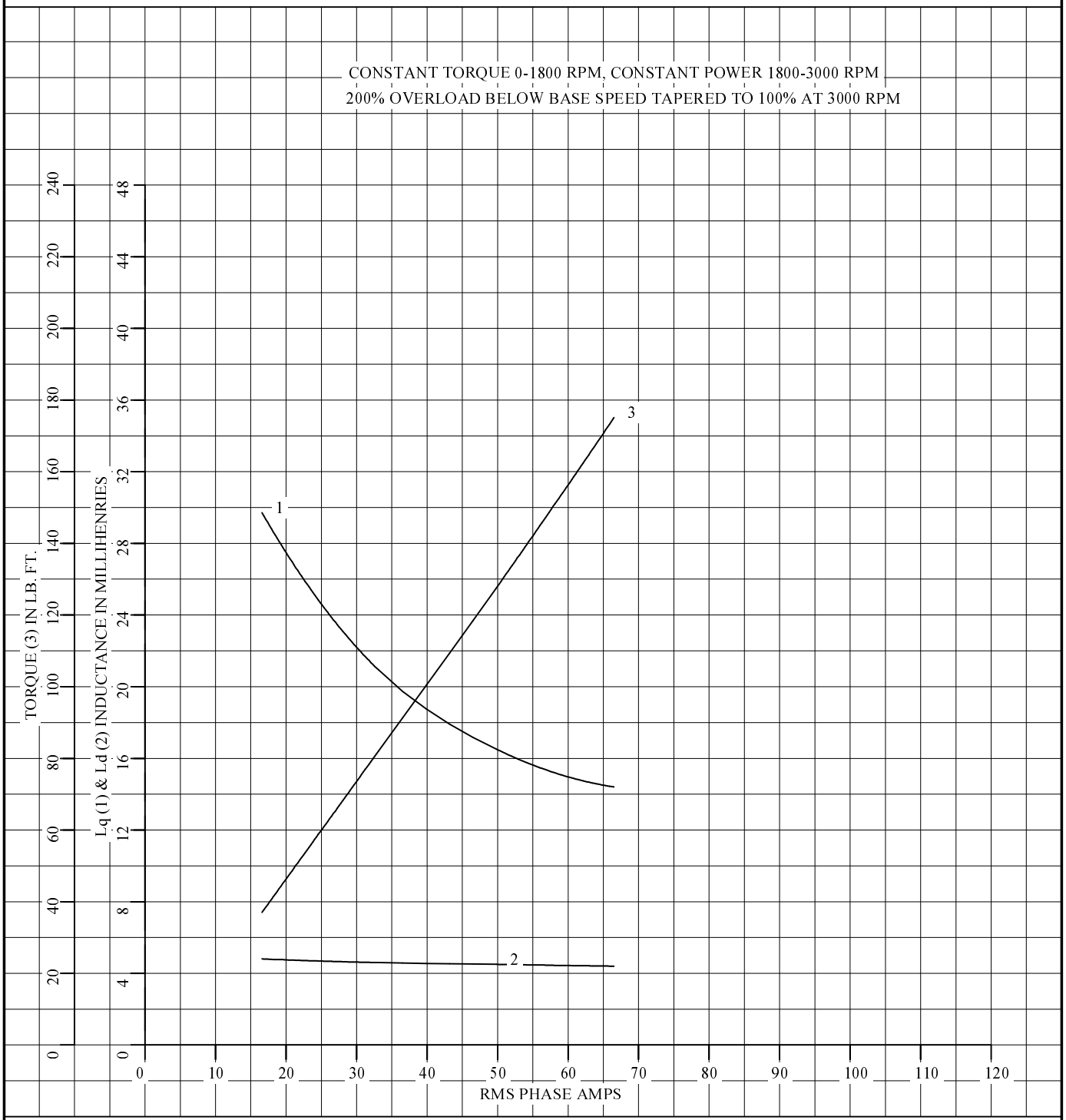
Lq, Ld, & Torque vs. RMS Phase Amps



REMARKS: TYPICAL DATA

BALDOR

DR. BY	CD
CK. BY	RM
APP. BY	RM
DATE	5/10/10

IPM MOTOR PERFORMANCE DATA

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