

S.O.	FRAME	HP	TYPE	PHASE	HERTZ	RPM
--	HL365T	75	PSM	3	60	1800

VOLTS	AMPS	DUTY	AMB ^o C	INSUL	S.F.	NEMA DESIGN
460	72.7	CONT	40	H	1.15	B

CODE LETTER	ENCL	ROTOR INERTIA (lb-ft ²)	STATOR RES. @ 25 ^o C OHMS (BETWEEN LINES)	
G	TEFC	9.37	.08626	TYPICAL DATA

PERFORMANCE

LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY
NO LOAD	0	26.3	1800	3.70	N/A
1/4	18.7	22.3	1800	83.1	94.7
2/4	37.5	37.0	1800	98.2	96.5
3/4	56.2	54.5	1800	99.4	97.1
4/4	74.9	72.7	1800	99.2	97.3
5/4	93.6	91.4	1800	98.7	97.2

SPEED TORQUE

	RPM	TORQUE (% FULL LOAD)	TORQUE (lb-ft)	AMPERES
LOCKED ROTOR	0	168	366.6	544.0
PULL OUT	1800	239	523.1	224.7
FULL LOAD	1800	100	218.6	72.7

THIS IS A PERMANENT MAGNET MOTOR
GENERATED OPEN CIRCUIT LINE-LINE VOLTAGE at 25^oC = 21.8 VOLTS PER 100 RPM

REMARKS:

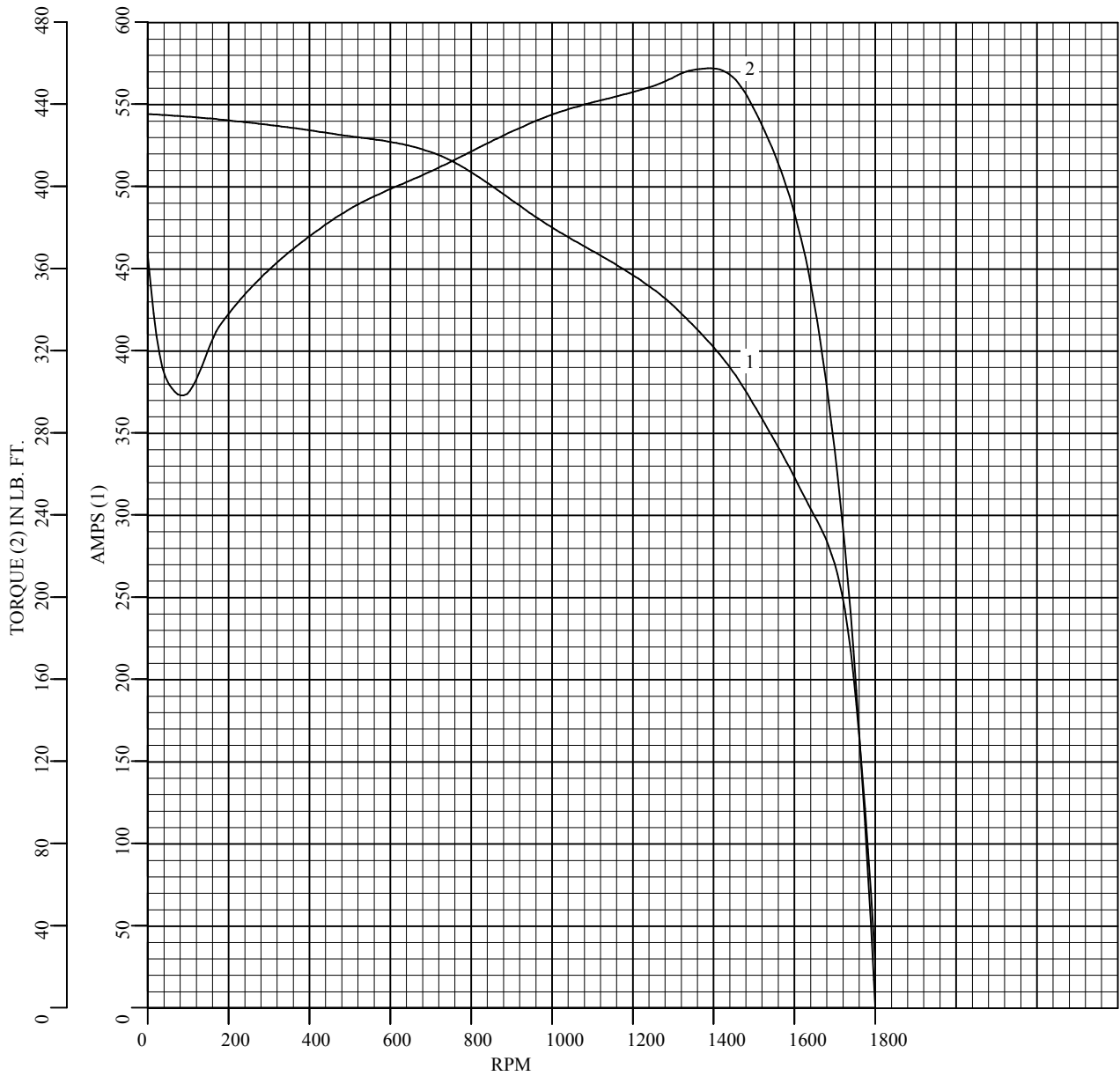


DR. BY CAD
CK. BY RFM
APP. BY RFM
DATE 05/25/2016

LSPM MOTOR
PERFORMANCE LS7023A
DATA ISSUE DATE 05/25/2016

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Amps & Torque vs. RPM During Acceleration



TYPICAL DATA



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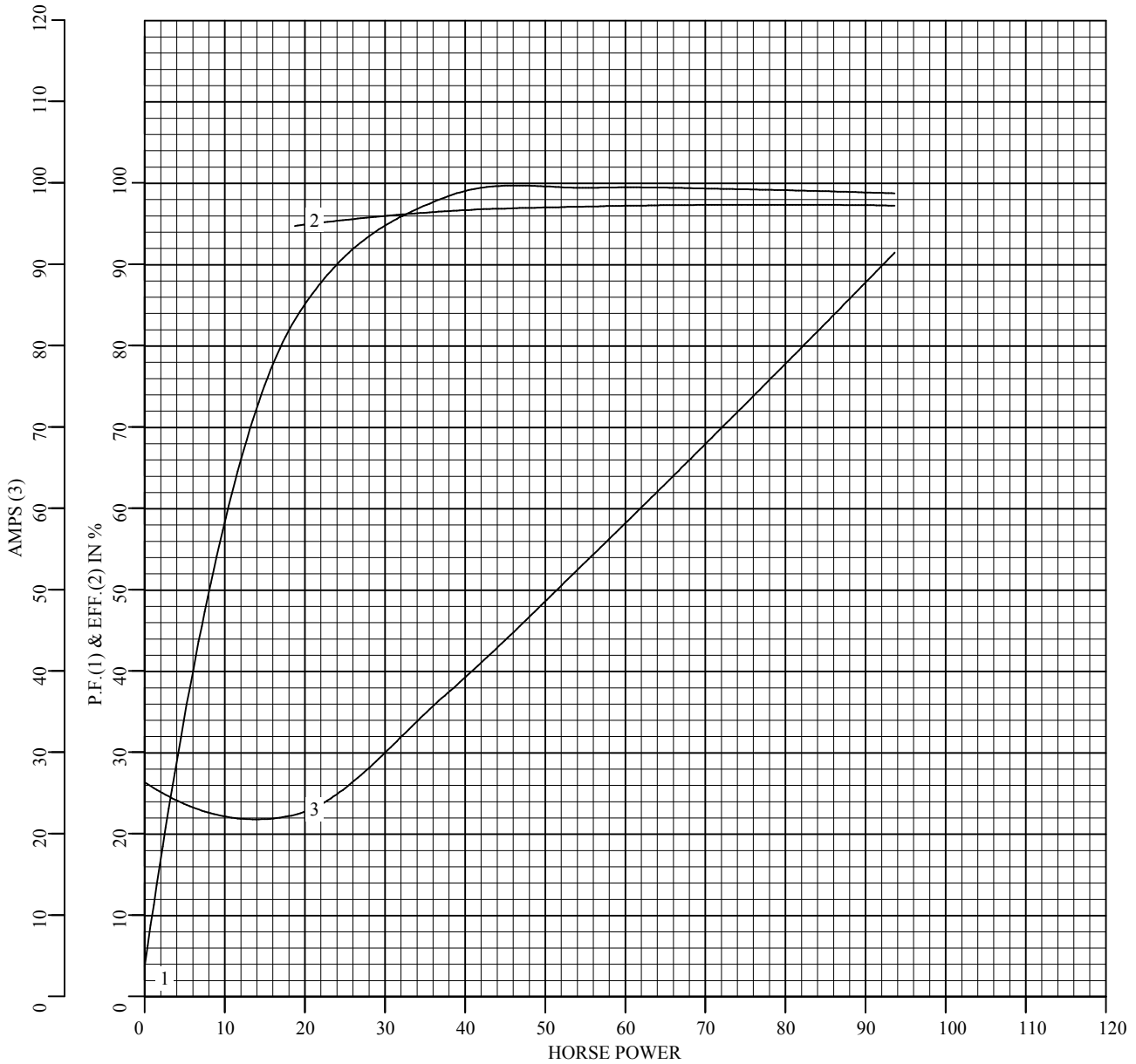
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Performance Data vs. HP At Synchronous Speed



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