

S.O.	FRAME	HP	TYPE	PHASE	HERTZ	RPM
--	HL286T	30	PSM	3	60	1800

VOLTS	AMPS	DUTY	AMB ^o C	INSUL	S.F.	NEMA DESIGN
460	30.1	CONT	40	H	1.15	B

CODE LETTER	ENCL	ROTOR INERTIA (lb-ft ²)	STATOR RES. @ 25 ^o C OHMS (BETWEEN LINES)	
G	TEFC	2.12	.3493	TYPICAL DATA

PERFORMANCE

LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY
NO LOAD	0	14.5	1800	4.10	N/A
1/4	7.48	11.8	1800	64.1	92.4
2/4	15.0	16.2	1800	91.1	95.0
3/4	22.4	22.9	1800	96.3	95.5
4/4	29.9	30.1	1800	97.3	95.4
5/4	37.4	37.9	1800	97.1	95.1

SPEED TORQUE

	RPM	TORQUE (% FULL LOAD)	TORQUE (lb-ft)	AMPERES
LOCKED ROTOR	0	180	157.2	216.8
PULL OUT	1800	244	212.9	107.0
FULL LOAD	1800	100	87.4	30.1

THIS IS A PERMANENT MAGNET MOTOR
GENERATED OPEN CIRCUIT LINE-LINE VOLTAGE at 25^oC = 20.8 VOLTS PER 100 RPM

REMARKS:

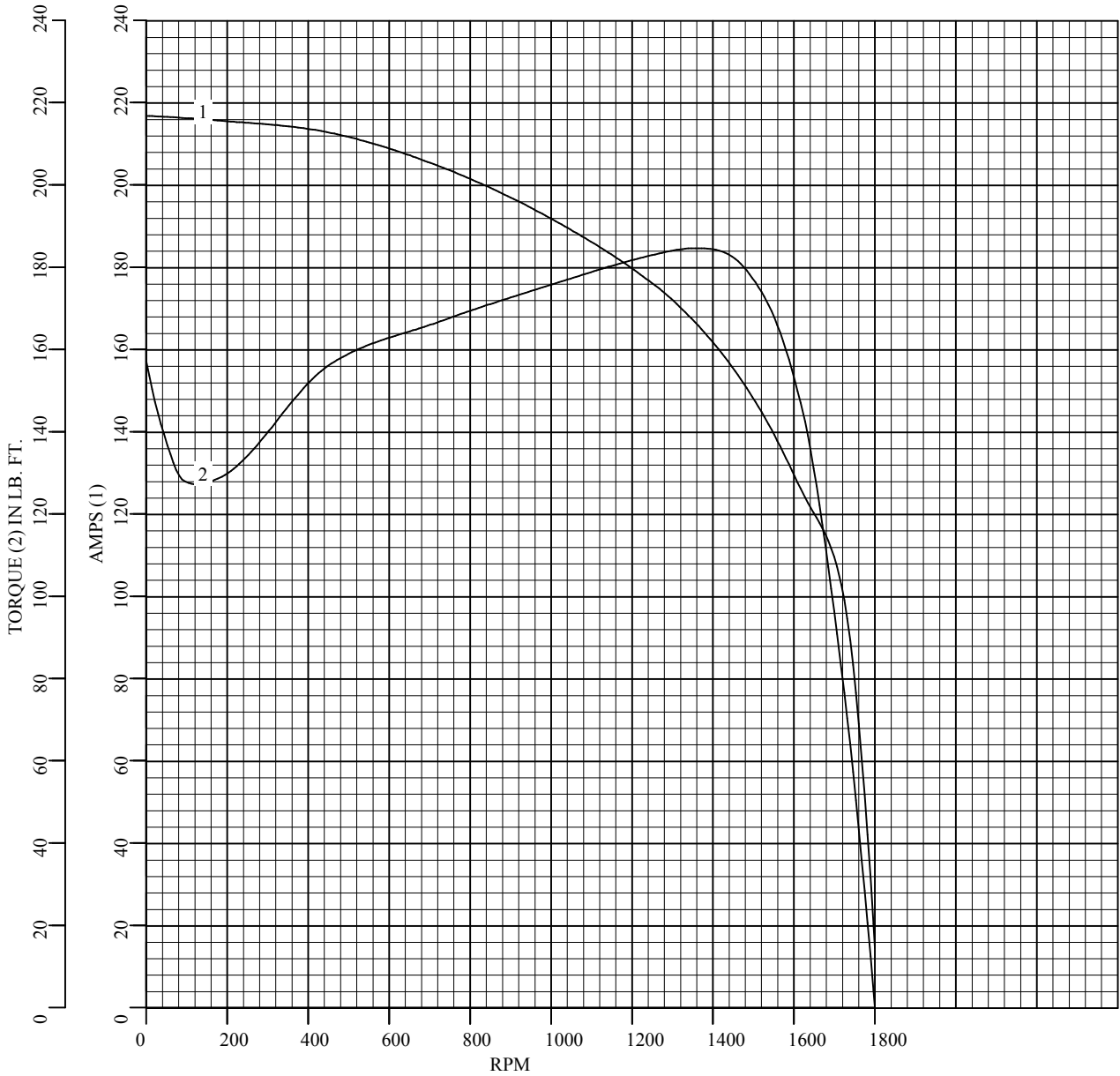


DR. BY CAD
CK. BY RFM
APP. BY RFM
DATE 05/25/2016

LSPM MOTOR
PERFORMANCE LS7019A
DATA ISSUE DATE 05/25/2016

S.O.	--	HERTZ	60	AMB ^o C	40	CODE LETTER	G
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PHASE	3	DUTY	CONT			OHMS (BETWEEN LINES)	

Amps & Torque vs. RPM During Acceleration



TYPICAL DATA



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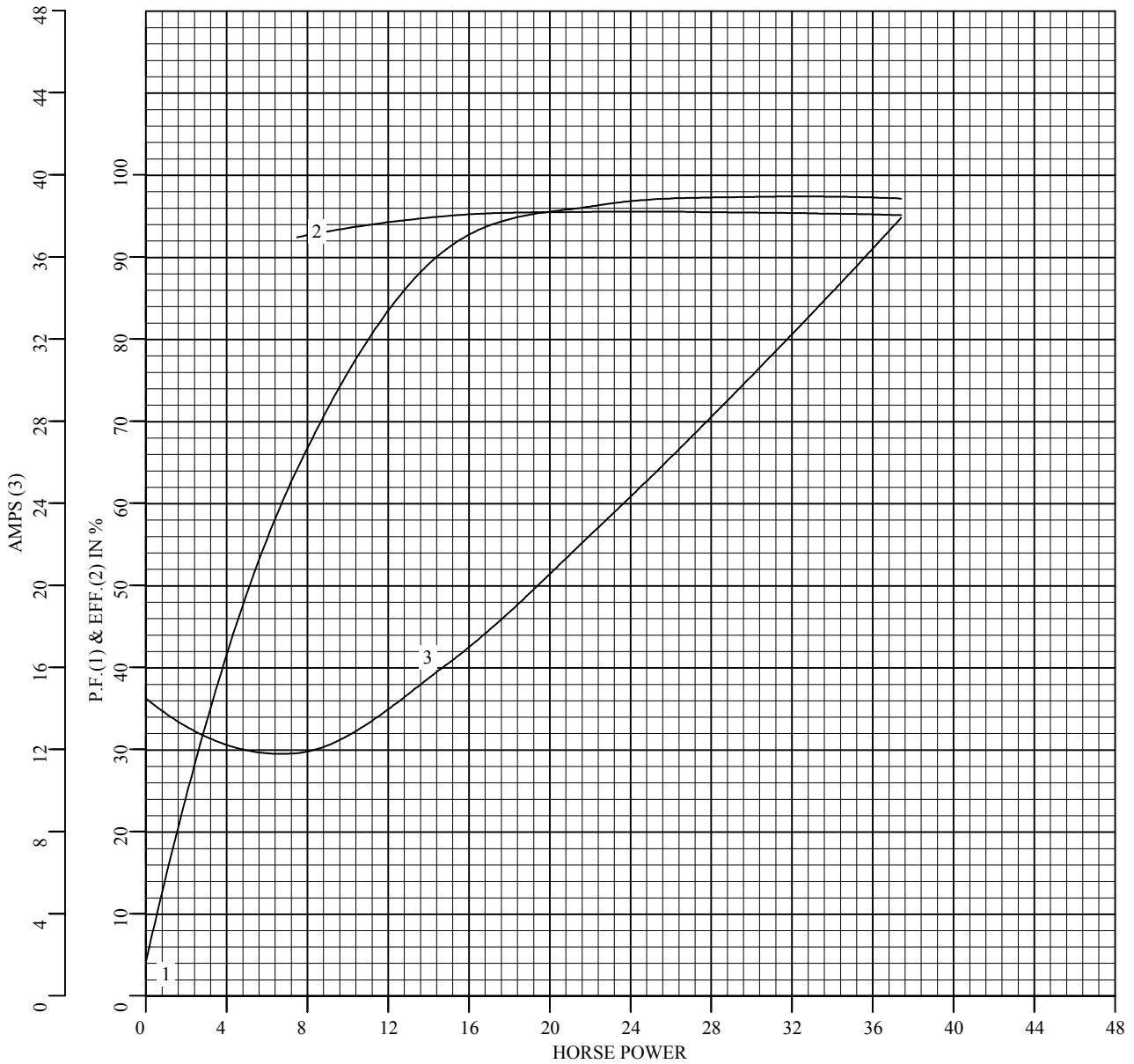
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PHASE	3	DUTY	CONT			OHMS (BETWEEN LINES)	

Performance Data vs. HP At Synchronous Speed



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