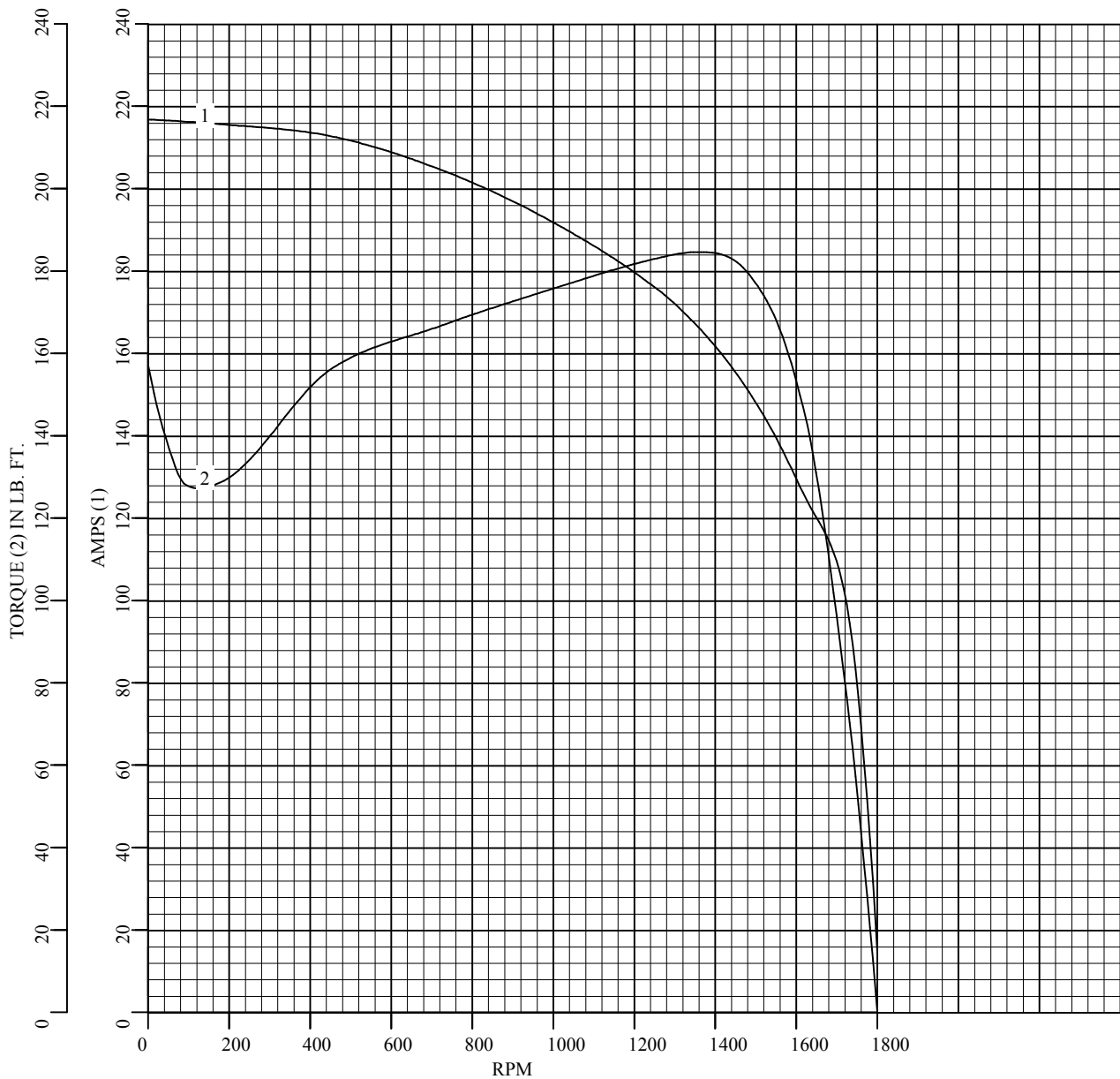


S.O.	FRAME	HP	TYPE	PHASE	HERTZ	RPM
--	FL2162	30	PSM	3	60	1800
VOLTS	AMPS	DUTY	AMB ⁰ C	INSUL	S.F.	NEMA DESIGN
460	30.1	CONT	40	H	1.15	B
CODE LETTER	ENCL	ROTOR INERTIA (lb-ft ²)	STATOR RES. @ 25 ⁰ C OHMS (BETWEEN LINES)			
G	TEFC	2.12	.3493		TYPICAL DATA	
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% 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 25⁰C = 20.8 VOLTS PER 100 RPM REMARKS:						
		DR. BY CAD CK. BY RFM APP. BY RFM DATE 05/25/2016		LSPM MOTOR PERFORMANCE DATA LS6481A ISSUE DATE 05/25/2016		

S.O.	--	HERTZ	60	AMB ⁰ C	40	CODE LETTER	G
FRAME	FL2162	RPM	1800	INSUL	H	WK ² (lb-ft ²)	2.12
HP	30	VOLTS	460	S.F.	1.15	NEMA DESIGN	B
TYPE	PSM	AMPS	30.1	ENCL	TEFC	STATOR RES. @ 25 ⁰ C	.3493
PHASE	3	DUTY	CONT			OHMS (BETWEEN LINES)	

Amps & Torque vs. RPM During Acceleration



TYPICAL DATA

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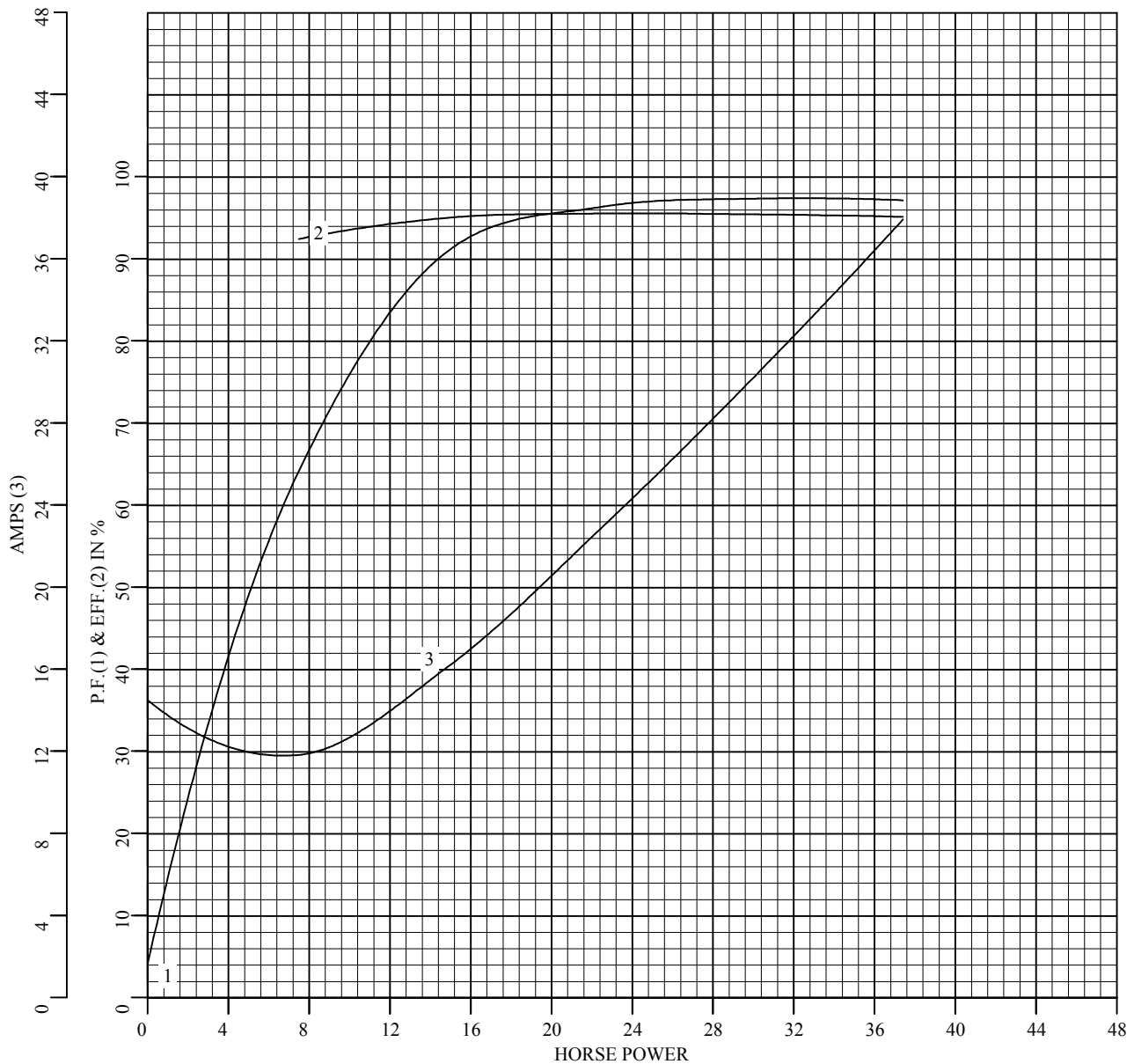
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CK. BY RFM
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DATE 05/25/2016

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S.O.	--	HERTZ	60	AMB ⁰ C	40	CODE LETTER	G
FRAME	FL2162	RPM	1800	INSUL	H	WK ² (lb-ft ²)	2.12
HP	30	VOLTS	460	S.F.	1.15	NEMA DESIGN	B
TYPE	PSM	AMPS	30.1	ENCL	TEFC	STATOR RES. @ 25 ⁰ C	.3493
PHASE	3	DUTY	CONT			OHMS (BETWEEN LINES)	

Performance Data vs. HP At Synchronous Speed



TYPICAL DATA

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