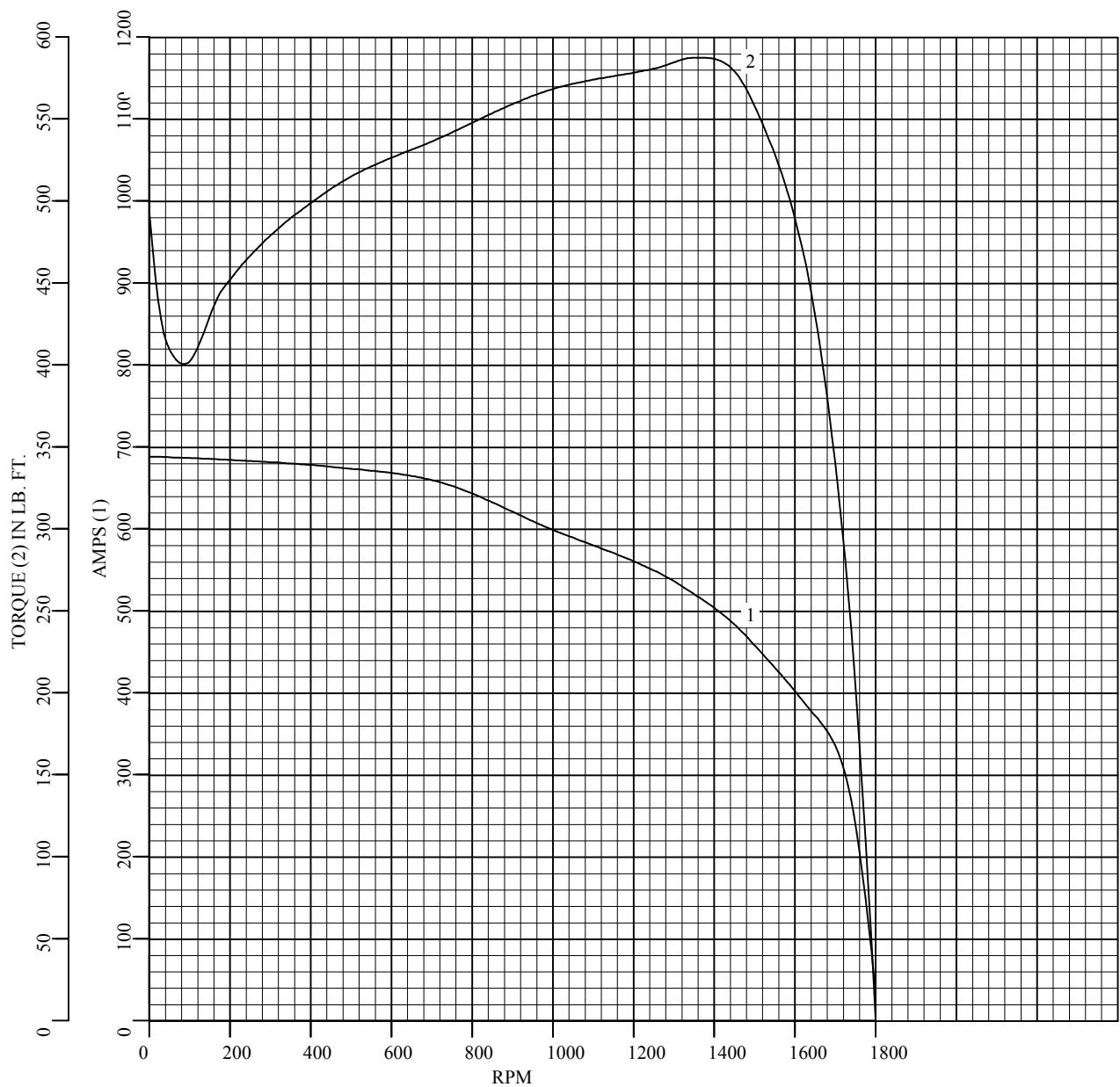


S.O.	FRAME	HP	TYPE	PHASE	HERTZ	RPM
--	FL2890	100	PSM	3	60	1800
VOLTS	AMPS	DUTY	AMB ⁰ C	INSUL	S.F.	NEMA DESIGN
460	96.9	CONT	40	H	1.15	B
CODE LETTER	ENCL	ROTOR INERTIA (lb-ft ²)		STATOR RES.@ 25 ⁰ C OHMS (BETWEEN LINES)		
G	TEFC	11.1		.06784		TYPICAL DATA
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	32.1	1800	3.50	N/A	
1/4	25.0	28.3	1800	86.8	95.3	
2/4	49.9	49.0	1800	98.7	96.8	
3/4	74.9	72.6	1800	99.4	97.2	
4/4	99.8	96.9	1800	99.1	97.3	
5/4	125	122	1800	98.3	97.2	
SPEED TORQUE						
		RPM	TORQUE (% FULL LOAD)	TORQUE (lb-ft)	AMPERES	
LOCKED ROTOR		0	169	493.9	688.0	
PULL OUT		1800	220	642.1	275.6	
FULL LOAD		1800	100	291.5	96.9	
THIS IS A PERMANENT MAGNET MOTOR GENERATED OPEN CIRCUIT LINE-LINE VOLTAGE at 25 ⁰ C = 22.1 VOLTS PER 100 RPM REMARKS:						
		DR. BY CAD CK. BY RFM APP. BY RFM DATE 05/25/2016		LSPM MOTOR PERFORMANCE DATA LS7031A ISSUE DATE 05/25/2016		

S.O.	--	HERTZ	60	AMB ⁰ C	40	CODE LETTER	G
FRAME	FL2890	RPM	1800	INSUL	H	WK ² (lb-ft ²)	11.1
HP	100	VOLTS	460	S.F.	1.15	NEMA DESIGN	B
TYPE	PSM	AMPS	96.9	ENCL	TEFC	STATOR RES. @ 25 ⁰ C	.06784
PHASE	3	DUTY	CONT			OHMS (BETWEEN LINES)	

Amps & Torque vs. RPM During Acceleration



TYPICAL DATA

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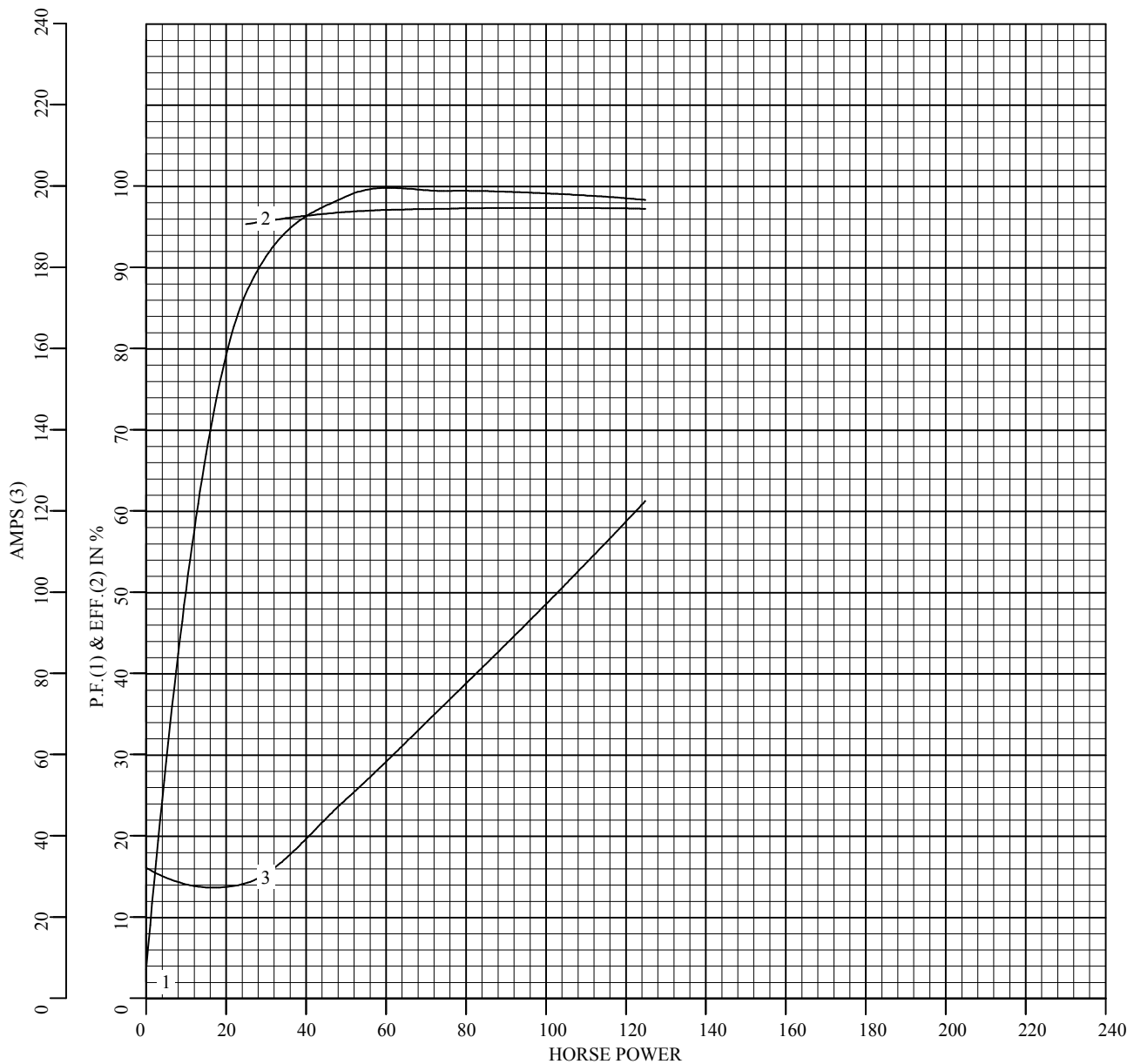
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CK. BY RFM
APP. BY RFM
DATE 05/25/2016

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CURVES**

ISSUE DATE 05/25/2016
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S.O.	--	HERTZ	60	AMB ⁰ C	40	CODE LETTER	G
FRAME	FL2890	RPM	1800	INSUL	H	WK ² (lb-ft ²)	11.1
HP	100	VOLTS	460	S.F.	1.15	NEMA DESIGN	B
TYPE	PSM	AMPS	96.9	ENCL	TEFC	STATOR RES. @ 25 ⁰ C	.06784
PHASE	3	DUTY	CONT			OHMS (BETWEEN LINES)	

Performance Data vs. HP At Synchronous Speed



TYPICAL DATA

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