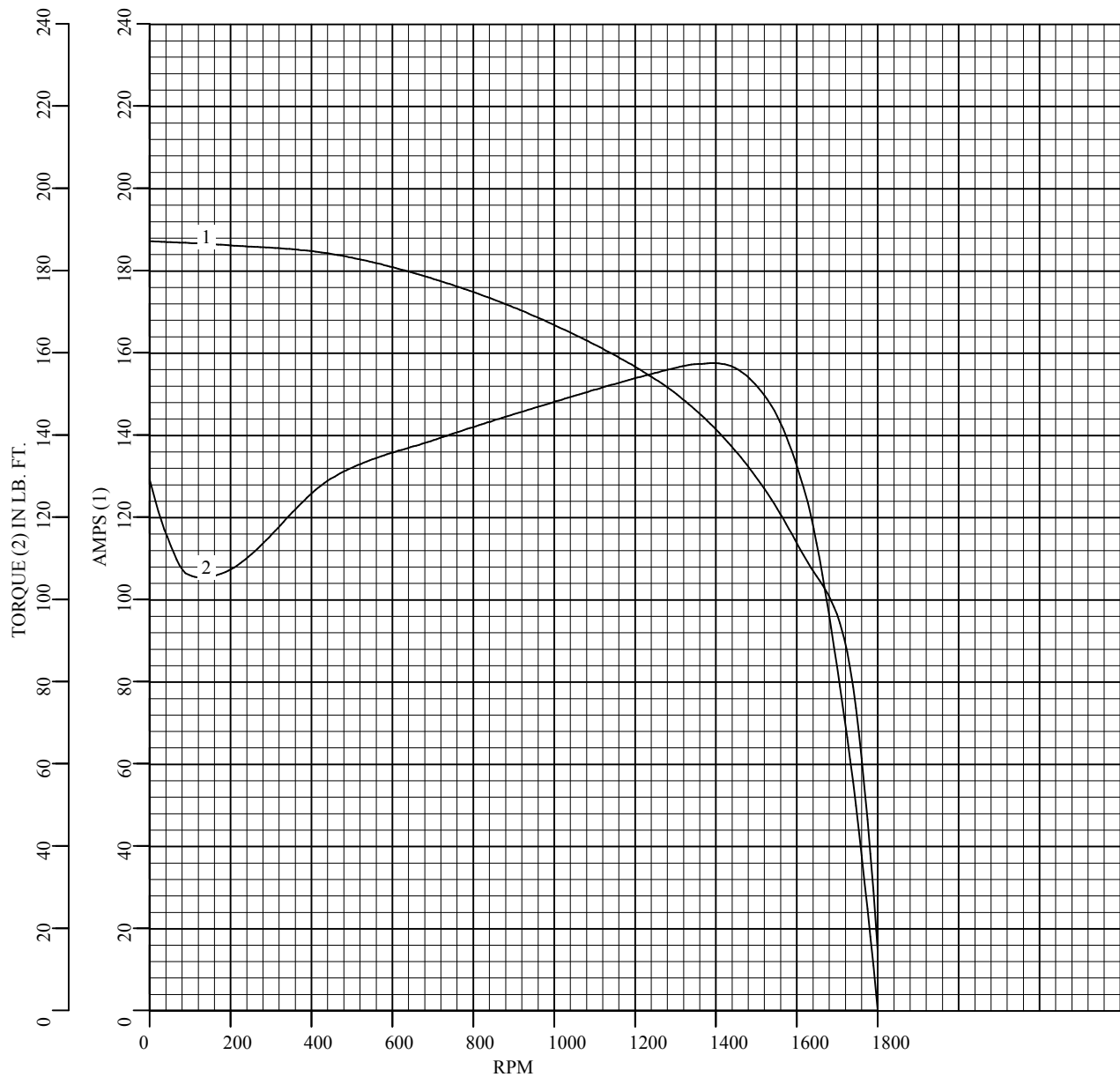


S.O.	FRAME	HP	TYPE	PHASE	HERTZ	RPM
--	FL2158	25	PSM	3	60	1800
VOLTS	AMPS	DUTY	AMB ⁰ C	INSUL	S.F.	NEMA DESIGN
460	25.8	CONT	40	H	1.15	B
CODE LETTER	ENCL	ROTOR INERTIA (lb-ft ²)	STATOR RES. @ 25 ⁰ C OHMS (BETWEEN LINES)			
G	TEFC	1.82	.4081		TYPICAL DATA	
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	14.4	1800	3.90	N/A	
1/4	6.25	11.9	1800	53.5	91.6	
2/4	12.5	14.7	1800	83.8	94.8	
3/4	18.7	19.9	1800	92.7	95.4	
4/4	25.0	25.8	1800	95.2	95.4	
5/4	31.2	32.2	1800	95.6	95.1	
SPEED TORQUE						
		RPM	TORQUE (% FULL LOAD)	TORQUE (lb-ft)	AMPERES	
LOCKED ROTOR		0	177	129.2	187.1	
PULL OUT		1800	253	184.6	94.7	
FULL LOAD		1800	100	72.9	25.8	
THIS IS A PERMANENT MAGNET MOTOR GENERATED OPEN CIRCUIT LINE-LINE VOLTAGE at 25⁰C = 20.0 VOLTS PER 100 RPM REMARKS:						
		DR. BY CAD CK. BY RFM APP. BY RFM DATE 05/25/2016		LSPM MOTOR PERFORMANCE DATA LS6782A ISSUE DATE 05/25/2016		

S.O.	--	HERTZ	60	AMB ⁰ C	40	CODE LETTER	G
FRAME	FL2158	RPM	1800	INSUL	H	WK ² (lb-ft ²)	1.82
HP	25	VOLTS	460	S.F.	1.15	NEMA DESIGN	B
TYPE	PSM	AMPS	25.8	ENCL	TEFC	STATOR RES. @ 25 ⁰ C	.4081
PHASE	3	DUTY	CONT			OHMS (BETWEEN LINES)	

Amps & Torque vs. RPM During Acceleration



TYPICAL DATA

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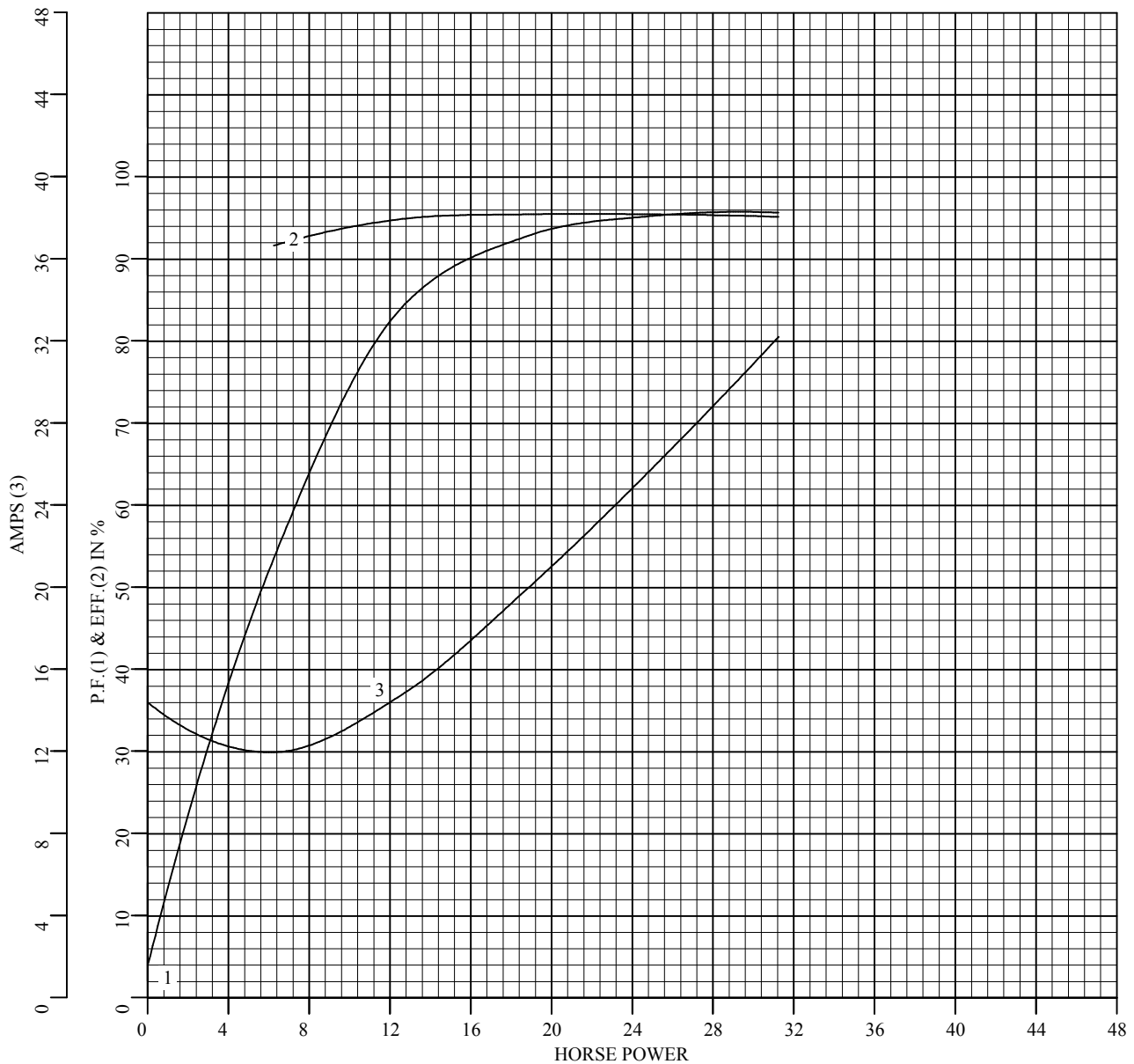
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DATE 05/25/2016

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S.O.	--	HERTZ	60	AMB ⁰ C	40	CODE LETTER	G
FRAME	FL2158	RPM	1800	INSUL	H	WK ² (lb-ft ²)	1.82
HP	25	VOLTS	460	S.F.	1.15	NEMA DESIGN	B
TYPE	PSM	AMPS	25.8	ENCL	TEFC	STATOR RES. @ 25 ⁰ C	.4081
PHASE	3	DUTY	CONT			OHMS (BETWEEN LINES)	

Performance Data vs. HP At Synchronous Speed



TYPICAL DATA

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