

S.O.	FRAME	HP	TYPE	PHASE	HERTZ	RPM
--	FL2873	60	PSM	3	60	1800

VOLTS	AMPS	DUTY	AMB <sup>o</sup> C	INSUL	S.F.	NEMA DESIGN
460	58.8	CONT	40	H	1.15	B

CODE LETTER	ENCL	ROTOR INERTIA (lb-ft <sup>2</sup> )	STATOR RES.@ 25 <sup>o</sup> C OHMS (BETWEEN LINES)	
G	TEFC	7.56	.1169	TYPICAL DATA

**PERFORMANCE**

LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY
NO LOAD	0	25.1	1800	3.70	N/A
1/4	15.0	20.0	1800	74.6	94.0
2/4	30.0	30.6	1800	95.9	96.2
3/4	45.0	44.2	1800	98.4	96.8
4/4	60.0	58.8	1800	98.6	97.0
5/4	75.0	73.6	1800	98.1	97.0

**SPEED TORQUE**

	RPM	TORQUE (% FULL LOAD)	TORQUE (lb-ft)	AMPERES
LOCKED ROTOR	0	159	278.5	439.8
PULL OUT	1800	247	432.6	187.8
FULL LOAD	1800	100	175.2	58.8

THIS IS A PERMANENT MAGNET MOTOR  
GENERATED OPEN CIRCUIT LINE-LINE VOLTAGE at 25<sup>o</sup>C = 21.1 VOLTS PER 100 RPM

REMARKS:

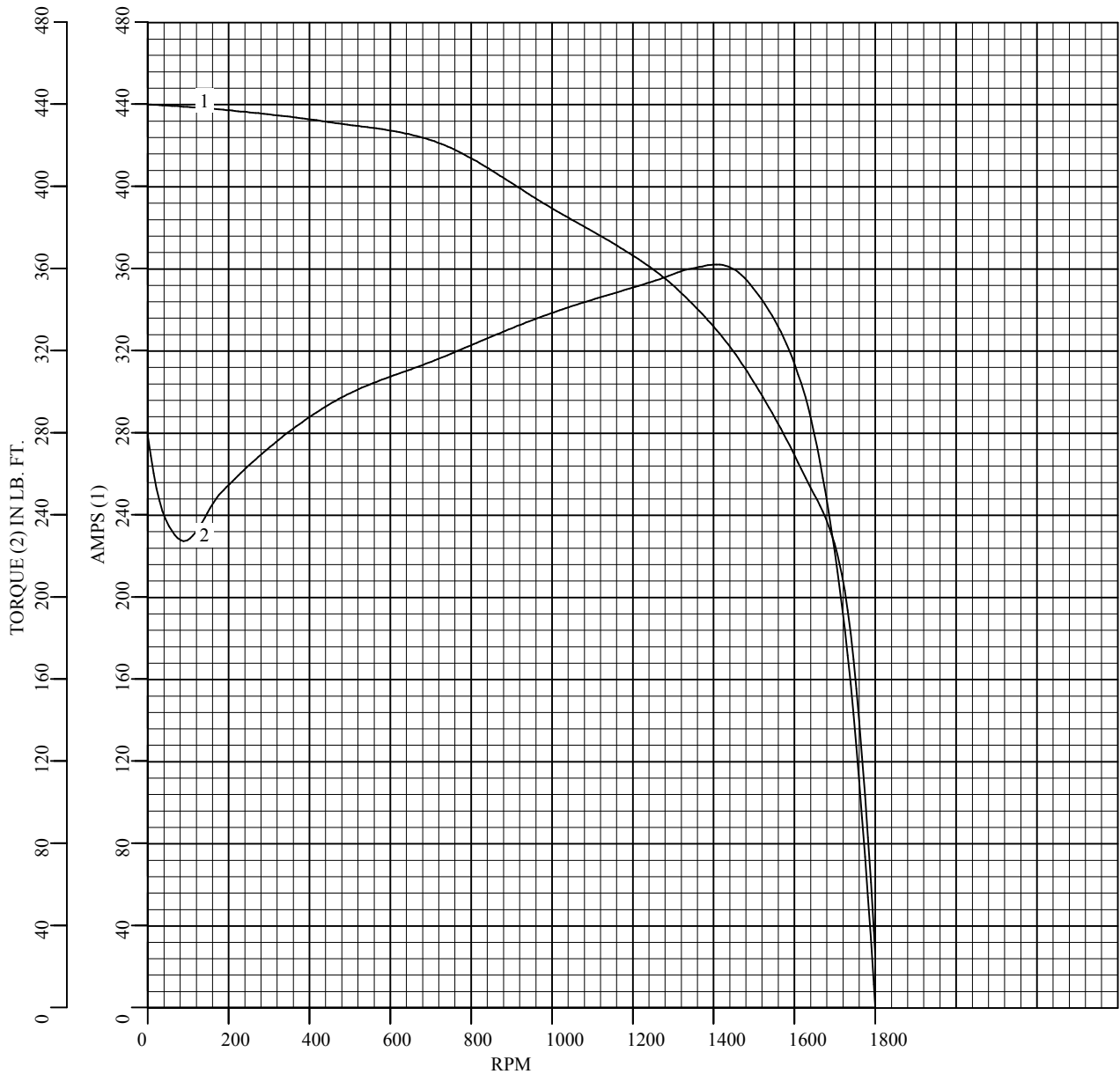


DR. BY CAD  
CK. BY RFM  
APP. BY RFM  
DATE 05/25/2016

**LSPM MOTOR**  
**PERFORMANCE LS6573A**  
**DATA**      ISSUE DATE 05/25/2016

S.O.	--	HERTZ	60	AMB <sup>o</sup> C	40	CODE LETTER	G
FRAME	FL2873	RPM	1800	INSUL	H	WK <sup>2</sup> (lb-ft <sup>2</sup> )	7.56
HP	60	VOLTS	460	S.F.	1.15	NEMA DESIGN	B
TYPE	PSM	AMPS	58.8	ENCL	TEFC	STATOR RES.@ 25 <sup>o</sup> C	.1169
PHASE	3	DUTY	CONT			OHMS (BETWEEN LINES)	

### Amps & Torque vs. RPM During Acceleration



TYPICAL DATA



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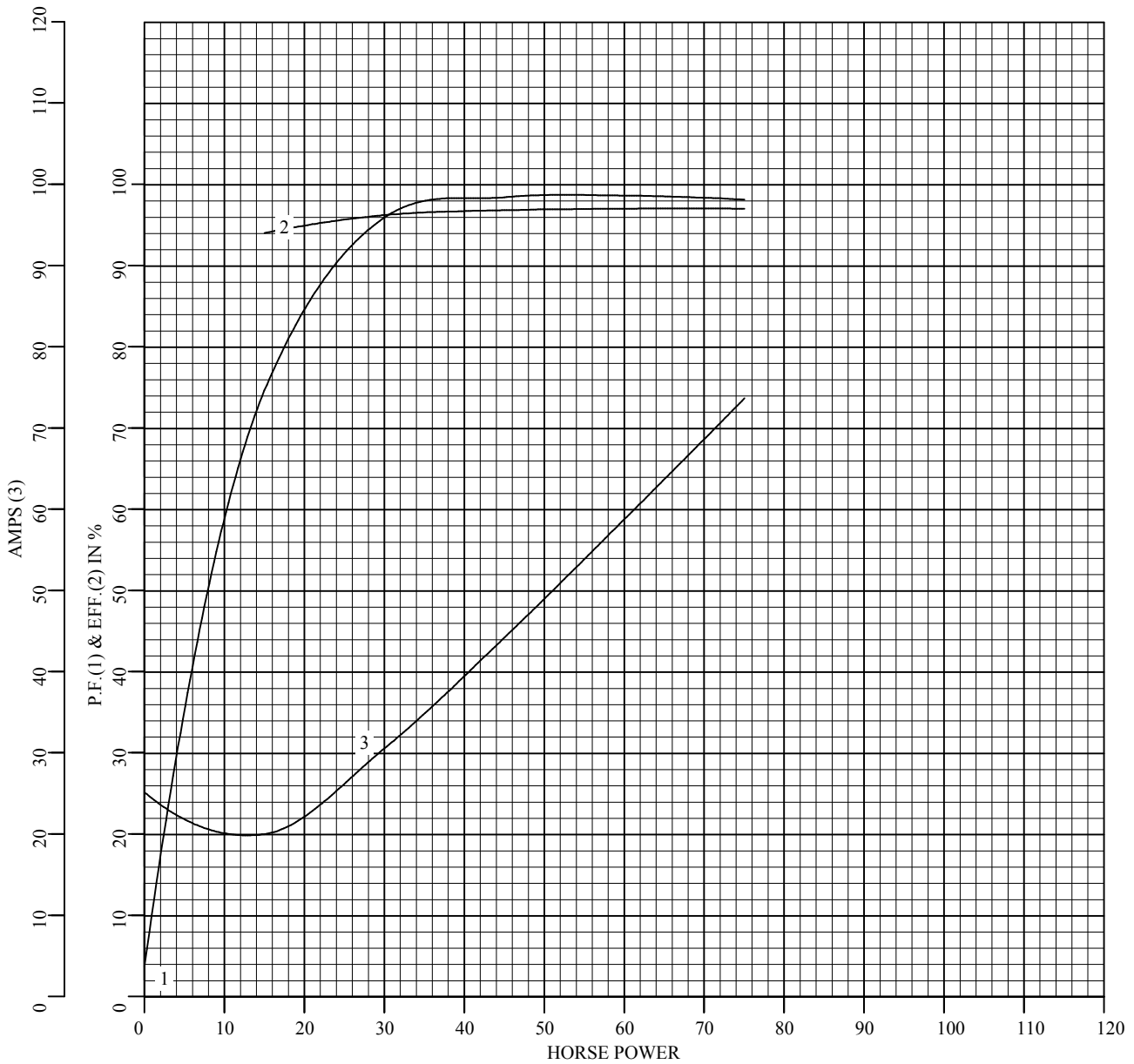
**LSPM MOTOR  
PERFORMANCE  
CURVES**

**LS6573A**

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FRAME	FL2873	RPM	1800	INSUL	H	WK <sup>2</sup> (lb-ft <sup>2</sup> )	7.56
HP	60	VOLTS	460	S.F.	1.15	NEMA DESIGN	B
TYPE	PSM	AMPS	58.8	ENCL	TEFC	STATOR RES. @ 25 <sup>o</sup> C	.1169
PHASE	3	DUTY	CONT			OHMS (BETWEEN LINES)	

### Performance Data vs. HP At Synchronous Speed



TYPICAL DATA



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