

S.O.	FRAME	HP	TYPE	PHASE	HERTZ	RPM
--	FL2882	75	PSM	3	60	1800

VOLTS	AMPS	DUTY	AMB <sup>o</sup> C	INSUL	S.F.	NEMA DESIGN
460	72.7	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	9.37	.08626	TYPICAL DATA

**PERFORMANCE**

LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY
NO LOAD	0	26.3	1800	3.70	N/A
1/4	18.7	22.3	1800	83.1	94.7
2/4	37.5	37.0	1800	98.2	96.5
3/4	56.2	54.5	1800	99.4	97.1
4/4	74.9	72.7	1800	99.2	97.3
5/4	93.6	91.4	1800	98.7	97.2

**SPEED TORQUE**

	RPM	TORQUE (% FULL LOAD)	TORQUE (lb-ft)	AMPERES
LOCKED ROTOR	0	168	366.6	544.0
PULL OUT	1800	239	523.1	224.7
FULL LOAD	1800	100	218.6	72.7

THIS IS A PERMANENT MAGNET MOTOR  
GENERATED OPEN CIRCUIT LINE-LINE VOLTAGE at 25<sup>o</sup>C = 21.8 VOLTS PER 100 RPM

REMARKS:

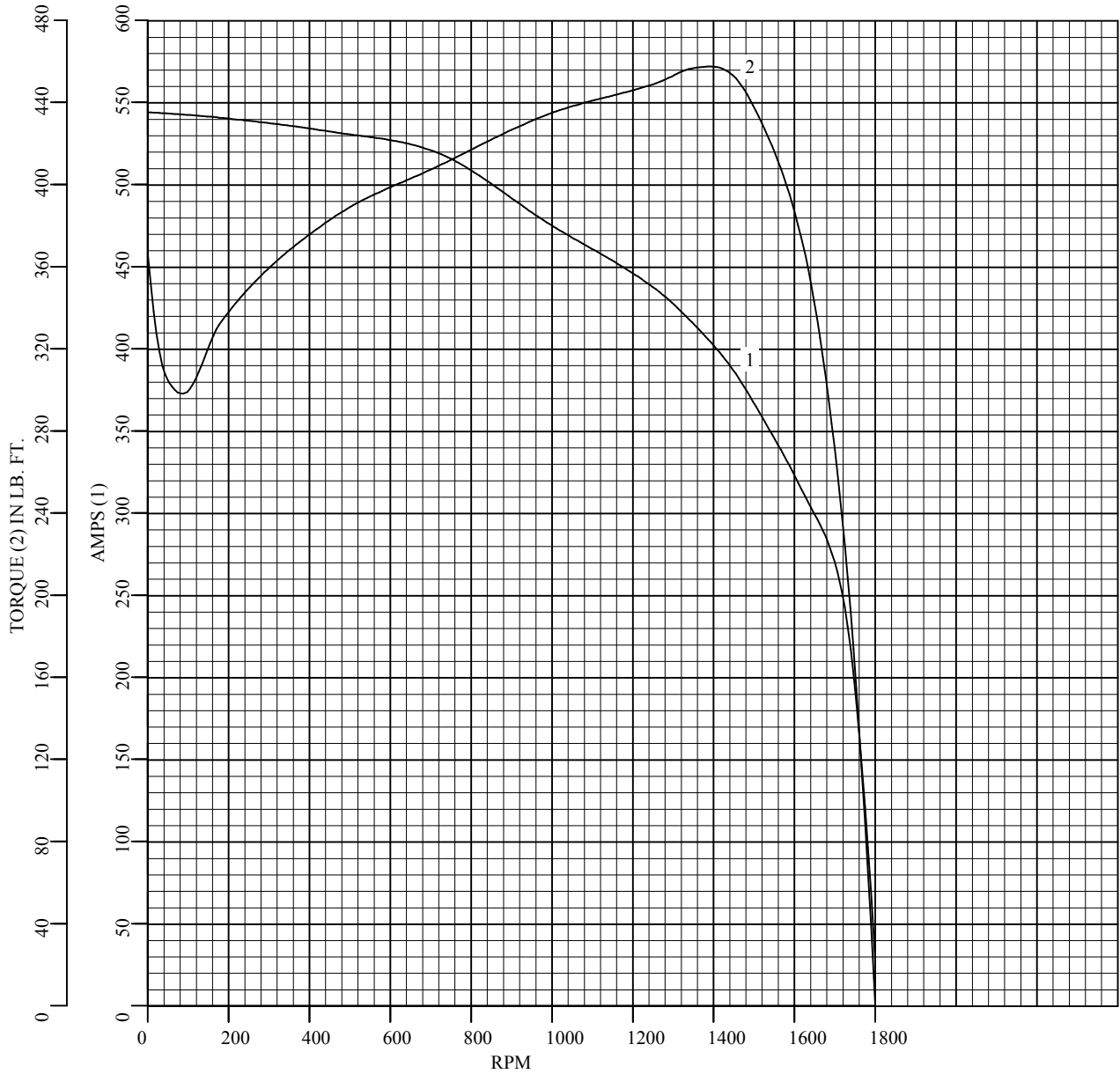


DR. BY CAD  
CK. BY RFM  
APP. BY RFM  
DATE 05/25/2016

**LSPM MOTOR**  
**PERFORMANCE LS6572A**  
**DATA**      ISSUE DATE 05/25/2016

S.O.	--	HERTZ	60	AMB <sup>o</sup> C	40	CODE LETTER	G
FRAME	FL2882	RPM	1800	INSUL	H	WK <sup>2</sup> (lb-ft <sup>2</sup> )	9.37
HP	75	VOLTS	460	S.F.	1.15	NEMA DESIGN	B
TYPE	PSM	AMPS	72.7	ENCL	TEFC	STATOR RES. @ 25 <sup>o</sup> C	.08626
PHASE	3	DUTY	CONT			OHMS (BETWEEN LINES)	

### Amps & Torque vs. RPM During Acceleration



TYPICAL DATA



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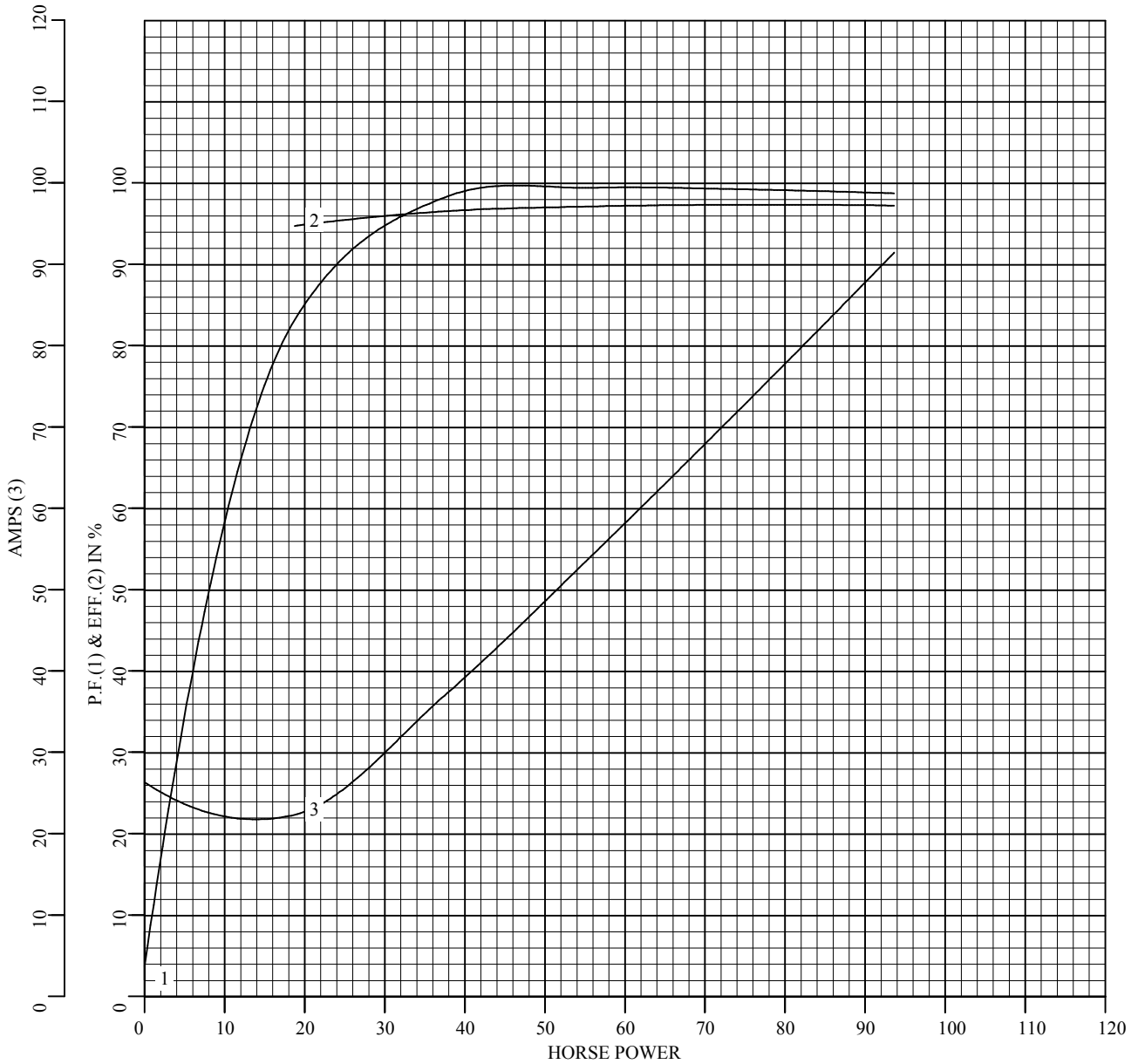
**LSPM MOTOR  
PERFORMANCE  
CURVES**

**LS6572A**

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S.O.	--	HERTZ	60	AMB <sup>o</sup> C	40	CODE LETTER	G
FRAME	FL2882	RPM	1800	INSUL	H	WK <sup>2</sup> (lb-ft <sup>2</sup> )	9.37
HP	75	VOLTS	460	S.F.	1.15	NEMA DESIGN	B
TYPE	PSM	AMPS	72.7	ENCL	TEFC	STATOR RES.@ 25 <sup>o</sup> C	.08626
PHASE	3	DUTY	CONT			OHMS (BETWEEN LINES)	

### Performance Data vs. HP At Synchronous Speed



TYPICAL DATA



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