

S.O.	FRAME	HP	TYPE	PHASE	HERTZ	RPM
--	FL2898	125	PSM	3	60	1800

VOLTS	AMPS	DUTY	AMB ^o C	INSUL	S.F.	NEMA DESIGN
460	122.1	CONT	40	H	1.15	B

CODE LETTER	ENCL	ROTOR INERTIA (lb-ft ²)	STATOR RES.@ 25 ^o C OHMS (BETWEEN LINES)	
G	TEFC	12.8	.05510	TYPICAL DATA

PERFORMANCE

LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY
NO LOAD	0	41.2	1800	3.20	N/A
1/4	31.3	35.8	1800	85.8	95.5
2/4	62.6	61.4	1800	98.3	96.9
3/4	93.9	91.1	1800	99.0	97.3
4/4	125	122	1800	98.6	97.3
5/4	156	154	1800	97.5	97.1

SPEED TORQUE

	RPM	TORQUE (% FULL LOAD)	TORQUE (lb-ft)	AMPERES
LOCKED ROTOR	0	177	645.6	849.4
PULL OUT	1800	208	760.5	327.6
FULL LOAD	1800	100	365.3	122.0

THIS IS A PERMANENT MAGNET MOTOR
GENERATED OPEN CIRCUIT LINE-LINE VOLTAGE at 25^oC = 21.8 VOLTS PER 100 RPM

REMARKS:

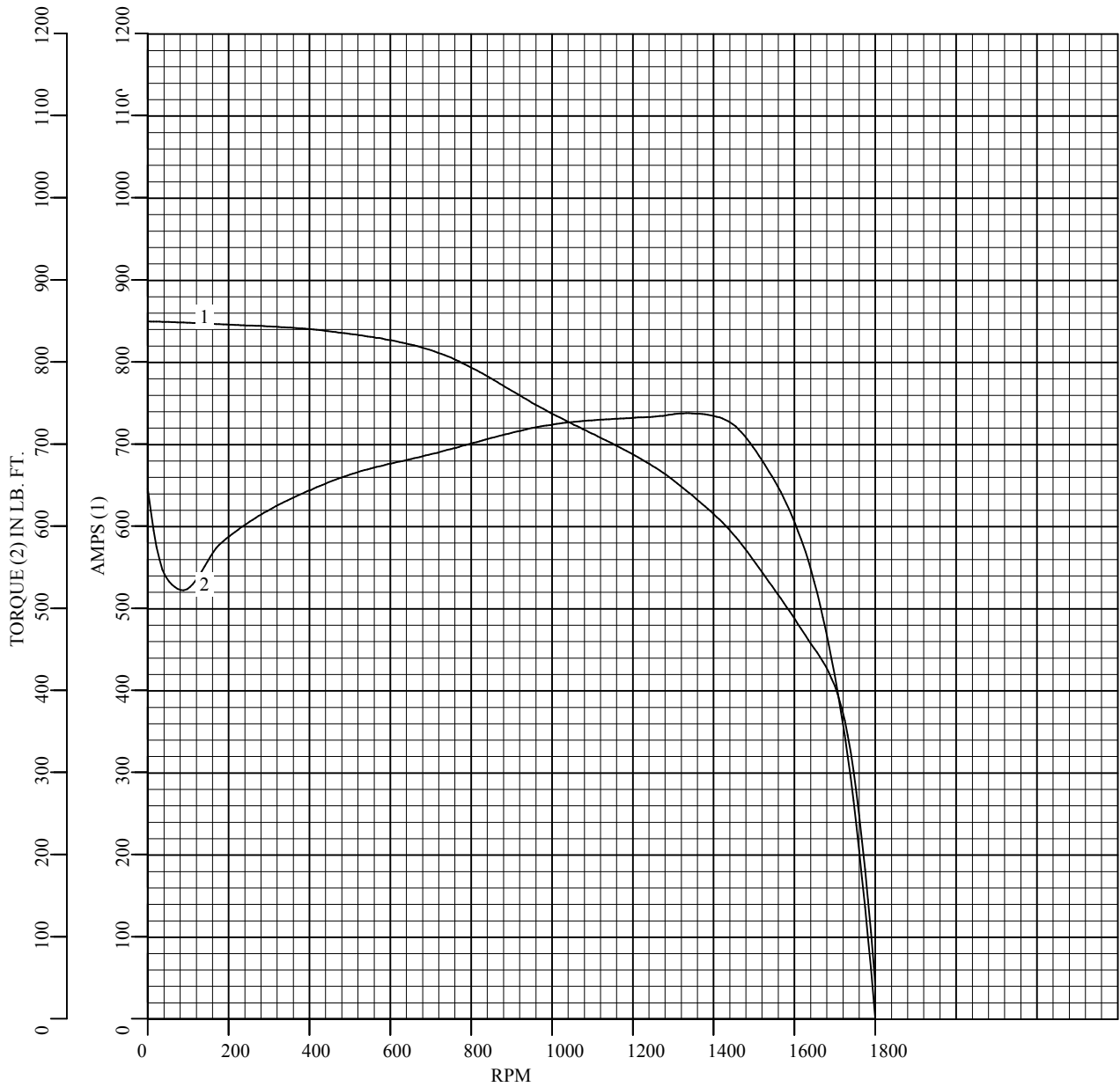


DR. BY CAD
CK. BY RFM
APP. BY RFM
DATE 05/25/2016

LSPM MOTOR
PERFORMANCE LS6593A
DATA ISSUE DATE 05/25/2016

S.O.	--	HERTZ	60	AMB ^o C	40	CODE LETTER	G
FRAME	FL2898	RPM	1800	INSUL	H	WK ² (lb-ft ²)	12.8
HP	125	VOLTS	460	S.F.	1.15	NEMA DESIGN	B
TYPE	PSM	AMPS	122.1	ENCL	TEFC	STATOR RES.@ 25 ^o C	.05510
PHASE	3	DUTY	CONT			OHMS (BETWEEN LINES)	

Amps & Torque vs. RPM During Acceleration



TYPICAL DATA



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

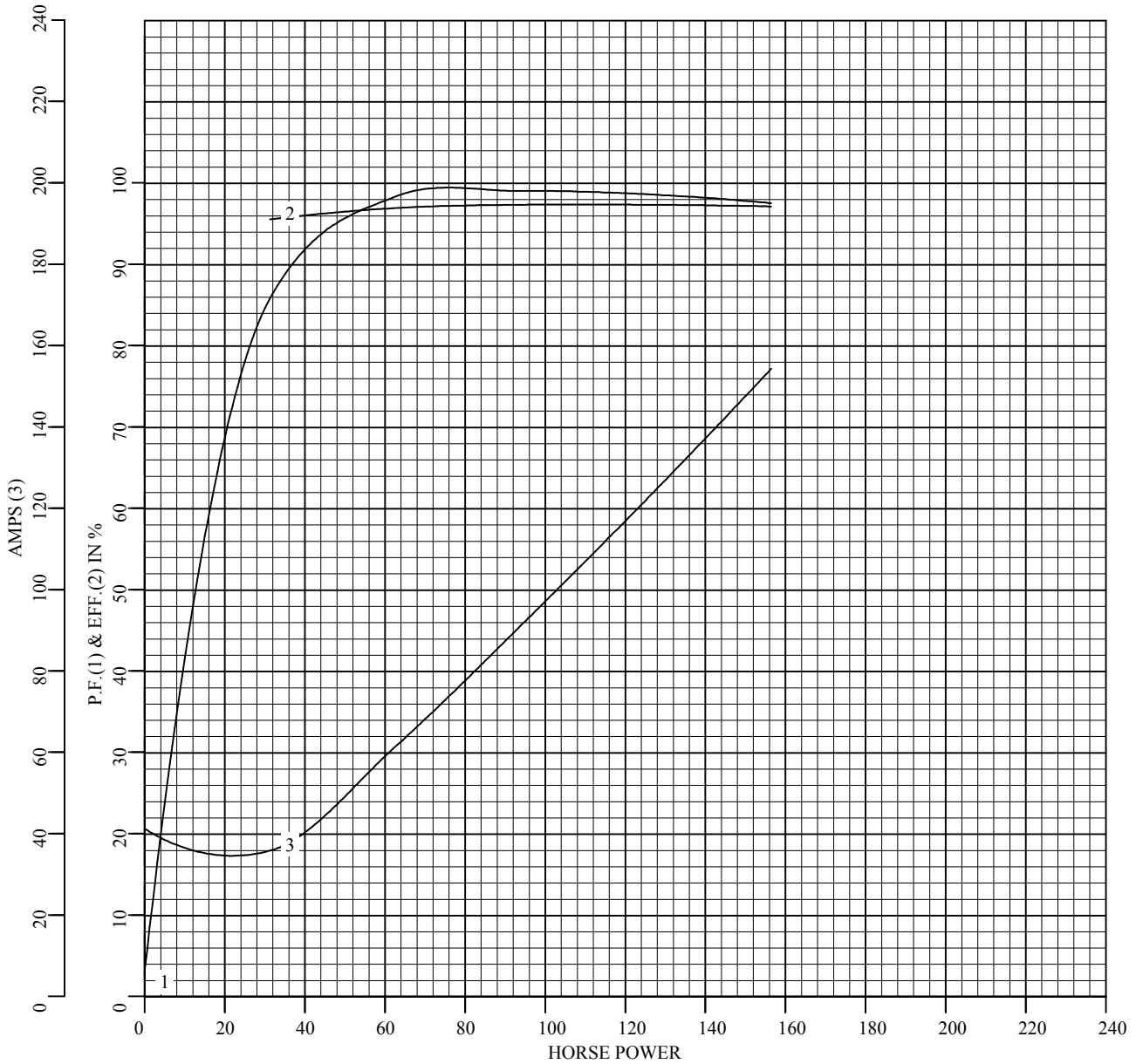
**LSPM MOTOR
PERFORMANCE
CURVES**

LS6593A

ISSUE DATE 05/25/2016

S.O.	--	HERTZ	60	AMB ^o C	40	CODE LETTER	G
FRAME	FL2898	RPM	1800	INSUL	H	WK ² (lb-ft ²)	12.8
HP	125	VOLTS	460	S.F.	1.15	NEMA DESIGN	B
TYPE	PSM	AMPS	122.1	ENCL	TEFC	STATOR RES. @ 25 ^o C	.05510
PHASE	3	DUTY	CONT			OHMS (BETWEEN LINES)	

Performance Data vs. HP At Synchronous Speed



TYPICAL DATA



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

**LSPM MOTOR
PERFORMANCE
CURVES**

LS6593A

ISSUE DATE 05/25/2016