

REL S.O.	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE			
FRAME	FL4034	AMPS	341	MAX SAFE RPM	3750	(AT BASE RATING, 25 °C)			
HP	300	DUTY	CONT	IM (AMPS)	112	R1	.00622	X1	.0596
BASE SPEED	1785	S.F.	1.0	P.F. @NL/FL	.042/.874	R2	.00444	X2	.0774
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	73			XM	2.17

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1787	300	882	460	60	341
MAX SPEED	3571	300	441	460	120	335
MIN SPEED	0	0	882	6.23	.441	341

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	112
1/4	1797	75.1	219	460	60	147
1/2	1794	150	440	460	60	201
3/4	1790	225	660	460	60	268
FULL LOAD	1787	300	882	460	60	341
O/L	1772	595	1764	460	60	663

REMARKS: TYPICAL DATA

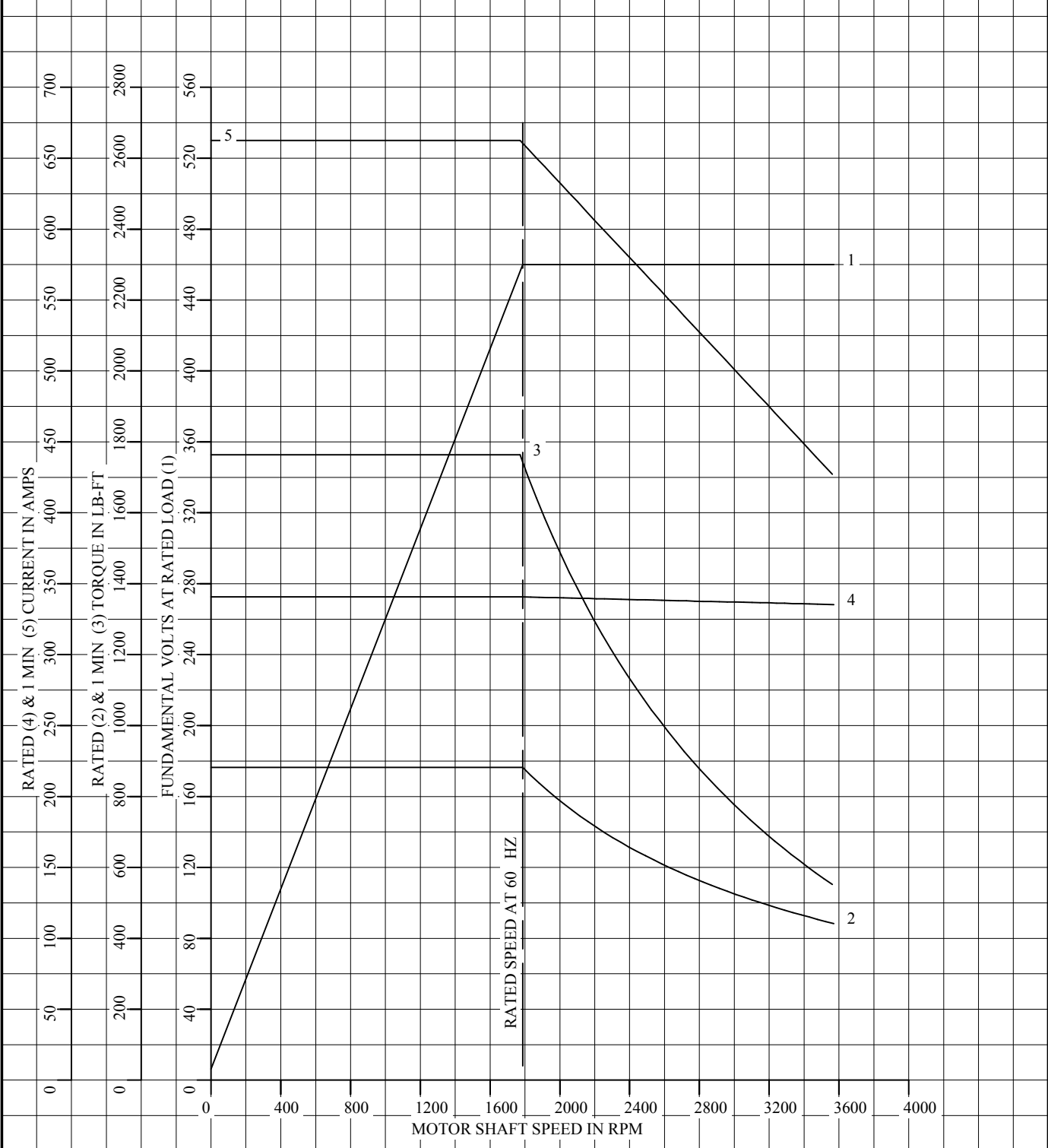


DR. BY K. GREEN
 CK. BY B. D. GRANT
 APP. BY J. MARTIN
 DATE 6-10-14

**A-C MOTOR
 PERFORMANCE DATA** L6190A
 ISSUE DATE 9-7-16

REL S.O.	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	FL4034	AMPS	341	MAX SAFE RPM	3750	(AT BASE RATING, 25 °C)	
HP	300	DUTY	CONT	IM (AMPS)	112	R1 .00622	X1 .0596
BASE SPEED	1785	S.F.	1.0	P.F. @NL/FL	.042/.874	R2 .00444	X2 .0774
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	73	XM 2.17	

VARIABLE SPEED AC MOTOR CURVES



REMARKS: TYPICAL DATA
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



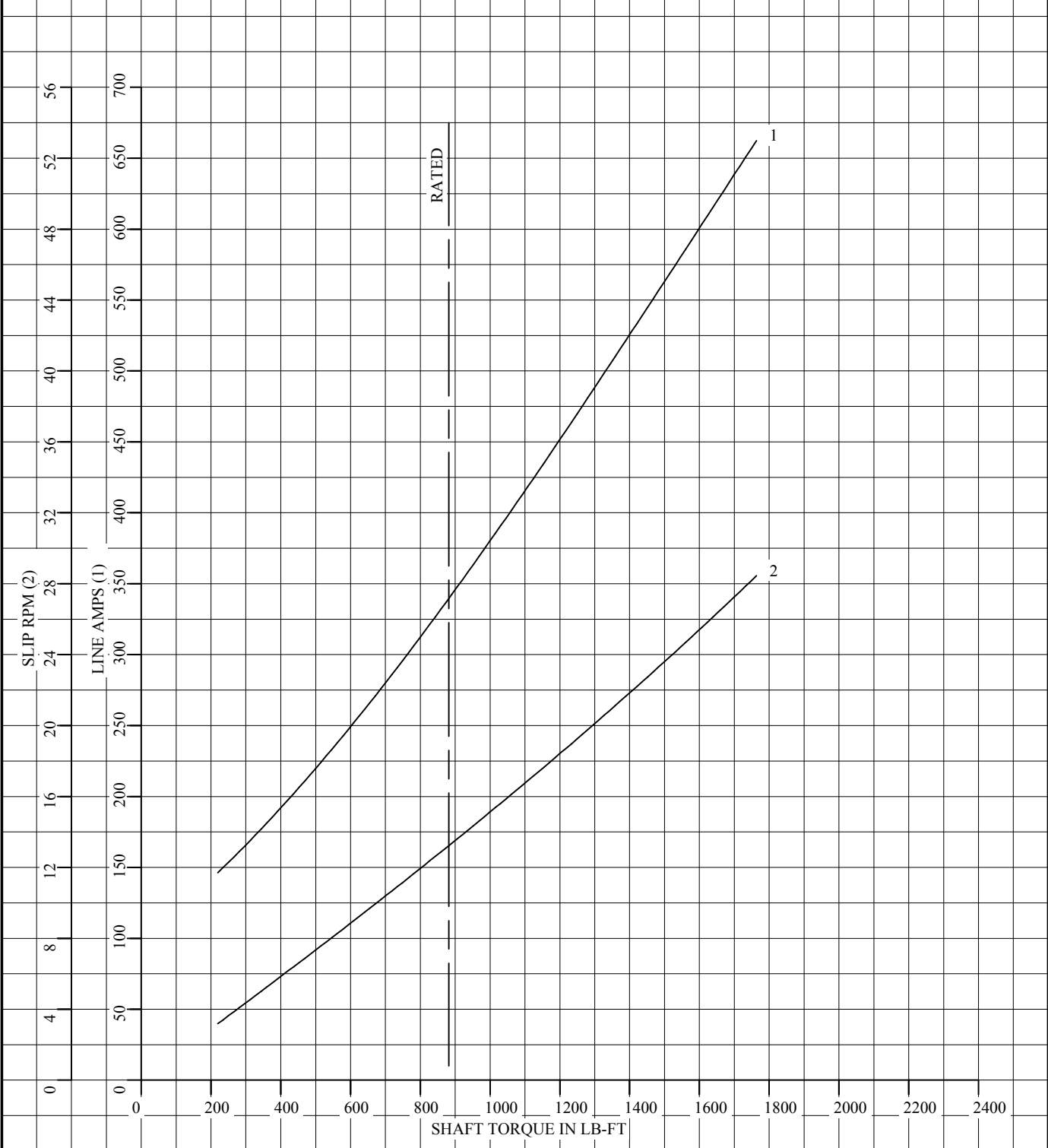
DR. BY K. GREEN
 CK. BY B. D. GRANT
 APP. BY J. MARTIN
 DATE 6-10-14

**A-C MOTOR
 PERFORMANCE
 CURVES**

L6190A
 SH 1 OF 2
 ISSUE DATE 9-7-16

REL S.O.	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	FL4034	AMPS	341	MAX SAFE RPM	3750	(AT BASE RATING, 25 °C)	
HP	300	DUTY	CONT	IM (AMPS)	112	R1 .00622	X1 .0596
BASE SPEED	1785	S.F.	1.0	P.F. @NL/FL	.042/.874	R2 .00444	X2 .0774
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	73		XM 2.17

LOAD PERFORMANCE (CONSTANT V/Hz RANGE)



REMARKS: TYPICAL DATA
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 CK. BY B. D. GRANT
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**A-C MOTOR
 PERFORMANCE
 CURVES**

L6190A
 SH 2 OF 2
 ISSUE DATE 9-7-16