

REL S.O.	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE			
FRAME	FL3203	AMPS	179	MAX SAFE RPM	4000	(AT BASE RATING, 25 °C)			
HP	150	DUTY	CONT	IM (AMPS)	73	R1	.0159	X1	.105
BASE SPEED	1780	S.F.	1.0	P.F. @NL/FL	.032/.837	R2	.0113	X2	.143
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	21			XM	3.36

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1780	150	443	460	60	179
MAX SPEED	3557	150	221	460	120	171
MIN SPEED	0	0	443	8.33	.654	179

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	73.0
1/4	1795	37.5	110	460	60	89.0
1/2	1790	75.0	220	460	60	113
3/4	1786	112	331	460	60	144
FULL LOAD	1780	150	443	460	60	179
O/L	1758	296	885	460	60	338

REMARKS: TYPICAL DATA

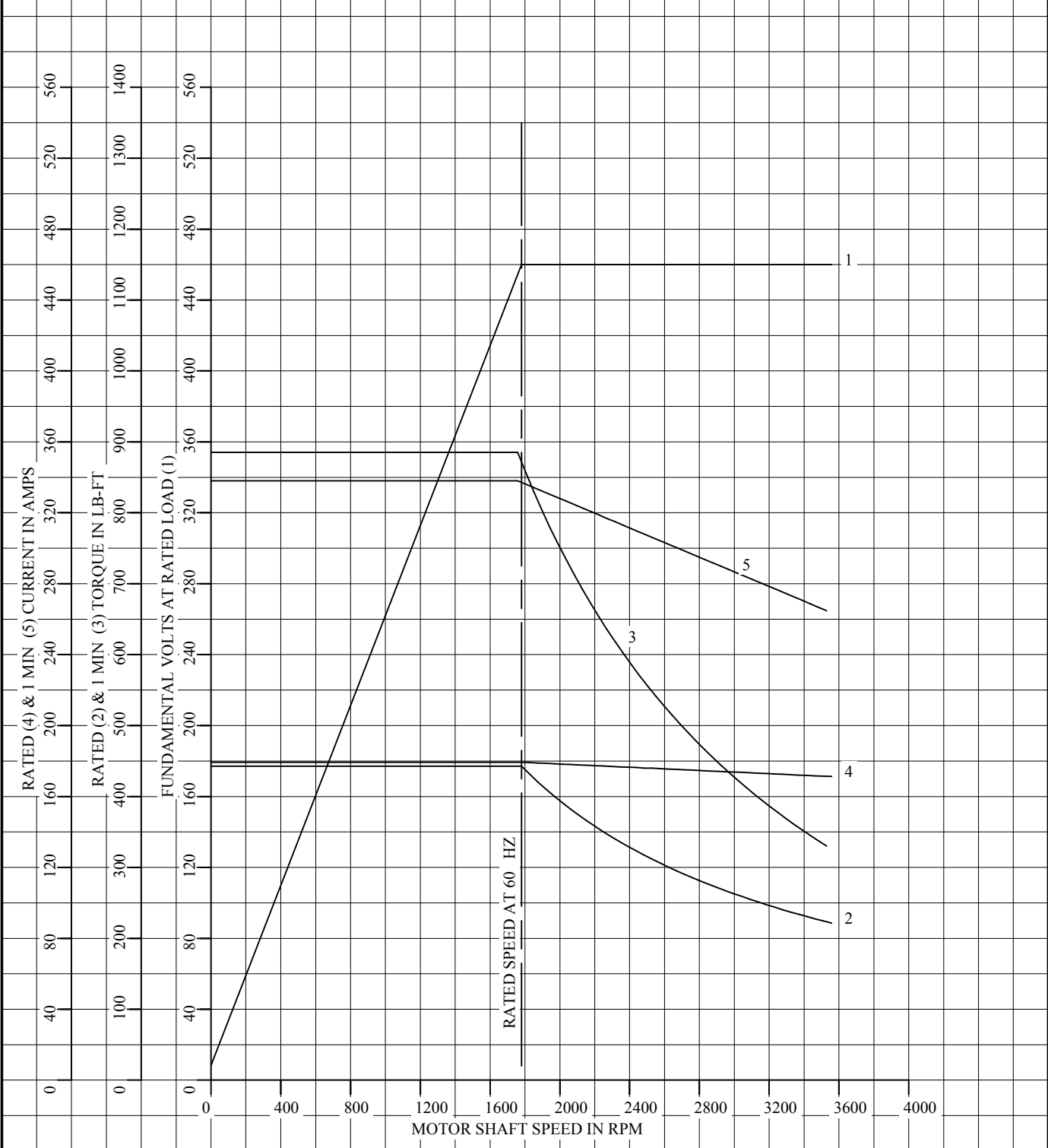


DR. BY R. ROBERTS
 CK. BY B. GRANT
 APP. BY J. MARTIN
 DATE 11-24-15

**A-C MOTOR
 PERFORMANCE DATA** L6805A
 ISSUE DATE 8-29-16

REL S.O.	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	FL3203	AMPS	179	MAX SAFE RPM	4000	(AT BASE RATING, 25 °C)	
HP	150	DUTY	CONT	IM (AMPS)	73	R1	.0159 X1 .105
BASE SPEED	1780	S.F.	1.0	P.F. @NL/FL	.032/.837	R2	.0113 X2 .143
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	21		XM 3.36

VARIABLE SPEED AC MOTOR CURVES



REMARKS: TYPICAL DATA
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



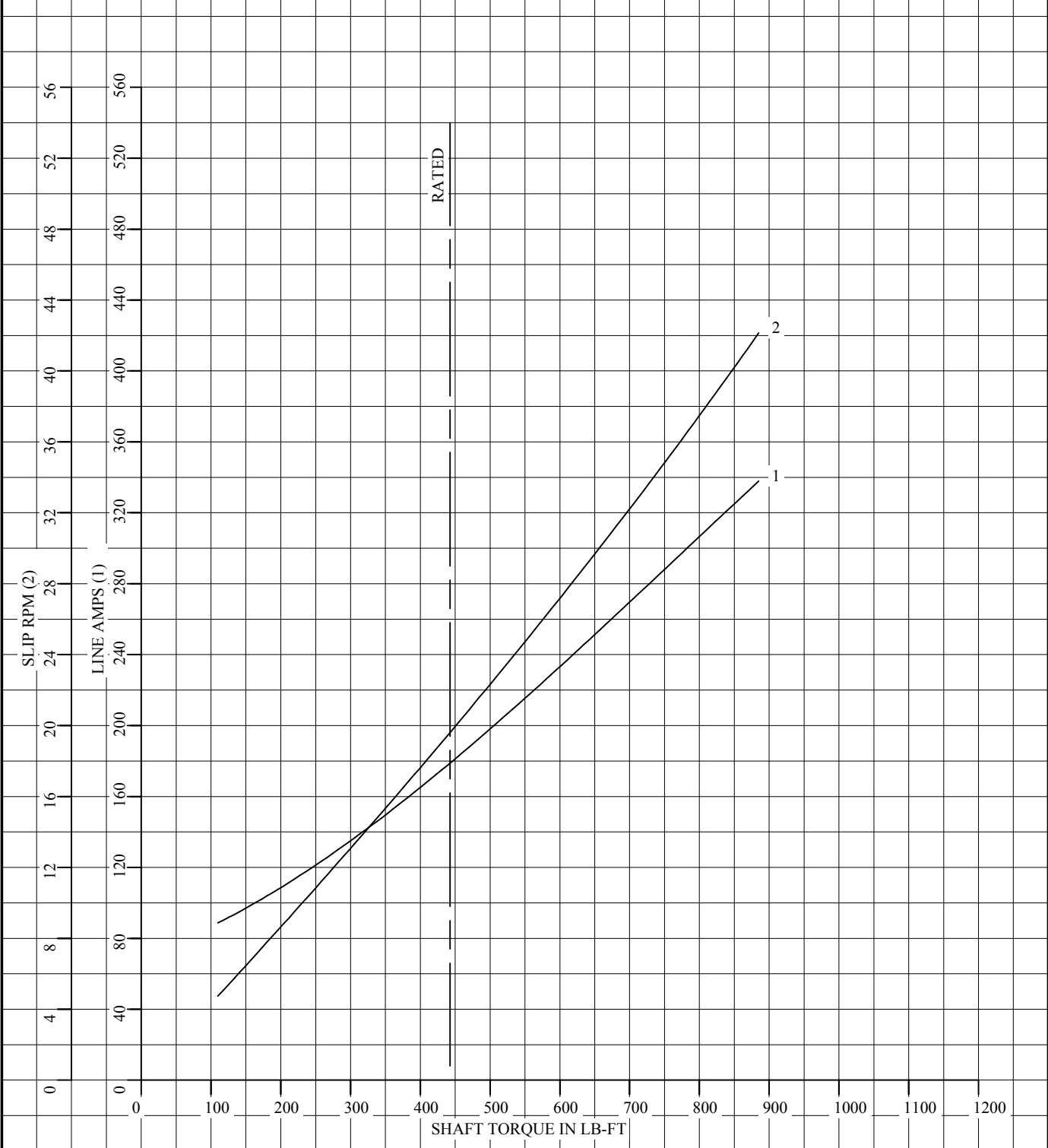
DR. BY R. ROBERTS
CK. BY B. GRANT
APP. BY J. MARTIN
DATE 11-24-15

**A-C MOTOR
PERFORMANCE
CURVES**

L6805A
SH 1 OF 2
ISSUE DATE 8-29-16

REL S.O.	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	FL3203	AMPS	179	MAX SAFE RPM	4000	(AT BASE RATING, 25 °C)	
HP	150	DUTY	CONT	IM (AMPS)	73	R1	.0159 X1 .105
BASE SPEED	1780	S.F.	1.0	P.F. @NL/FL	.032/.837	R2	.0113 X2 .143
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	21		XM 3.36

LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



REMARKS: TYPICAL DATA
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DATE 11-24-15

A-C MOTOR
PERFORMANCE
CURVES

L6805A
SH 2 OF 2
ISSUE DATE 8-29-16