

REL S.O.	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE			
FRAME	FL4440	AMPS	479	MAX SAFE RPM	2800	(AT BASE RATING, 25 °C)			
HP	400	DUTY	CONT	IM (AMPS)	161	R1	.00293	X1	.0526
BASE SPEED	1790	S.F.	1.0	P.F. @NL/FL	.035/.825	R2	.00250	X2	.100
PHASE/HERTZ	3/90	AMB °C/INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	169			XM	1.48

### RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1789	400	1174	460	90	479
MAX SPEED	2500	400	841	460	125.8	475
MIN SPEED	0	0	1174	4.12	.5496	479

### LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	90	161
1/4	1797	100	292	460	90	209
1/2	1795	200	586	460	90	282
3/4	1792	300	879	460	90	375
FULL LOAD	1789	400	1174	460	90	479
O/L	1775	794	2349	460	90	942

REMARKS: CORRELATED DATA

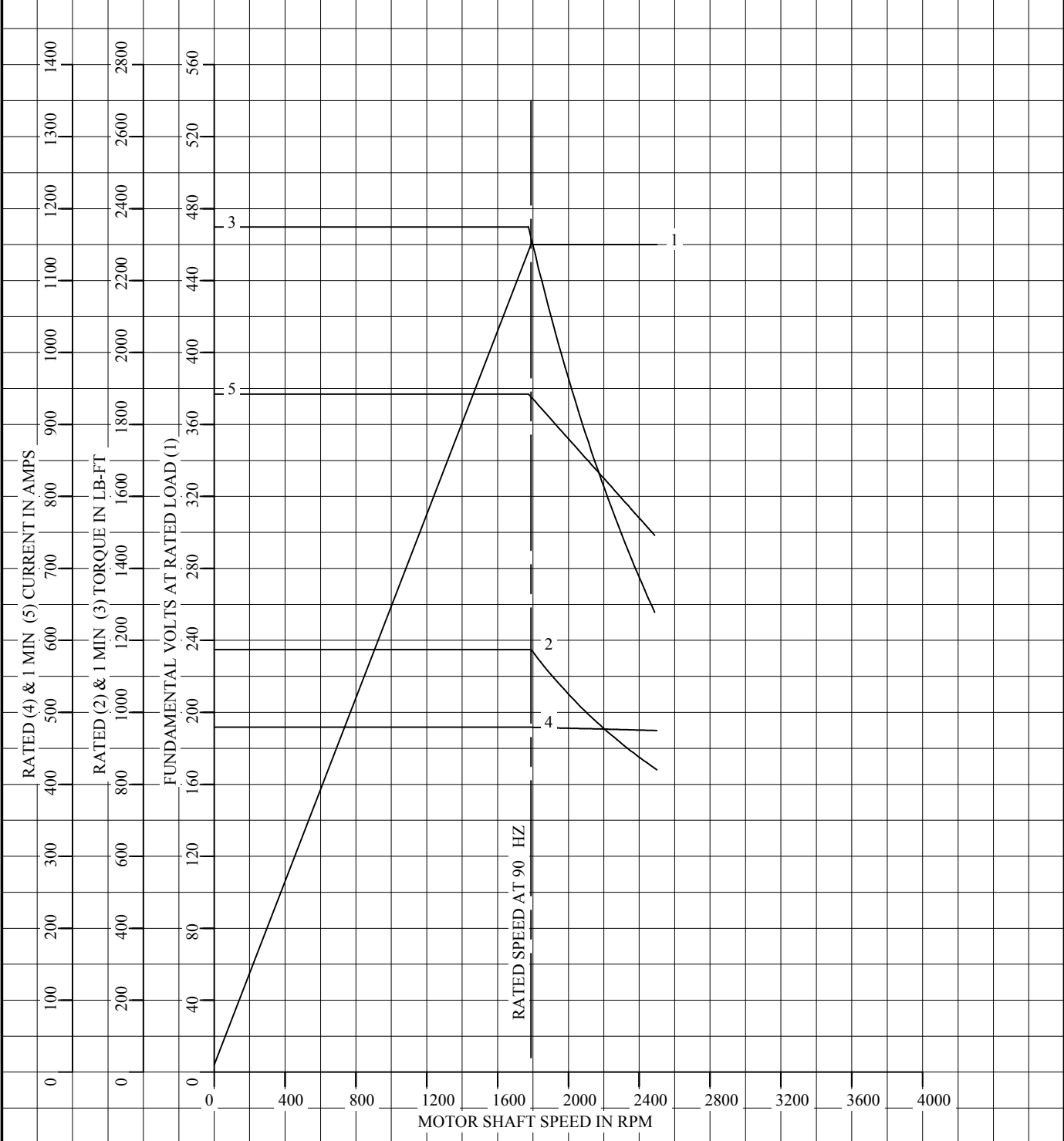


DR. BY R. SMITH  
 CK. BY B. GRANT  
 APP. BY S. EVON  
 DATE 9-9-09

**A-C MOTOR  
 PERFORMANCE DATA** L4344A  
 ISSUE DATE 10-18-16

REL S.O.	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	FL4440	AMPS	479	MAX SAFE RPM	2800	(AT BASE RATING, 25 °C)	
HP	400	DUTY	CONT	IM (AMPS)	161	R1 .00293	X1 .0526
BASE SPEED	1790	S.F.	1.0	P.F. @NL/FL	.035/.825	R2 .00250	X2 .100
PHASE/HERTZ	3/90	AMB °C/INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	169	XM 1.48	

CORRELATED DATA  
VARIABLE SPEED AC MOTOR CURVES



REMARKS:  
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



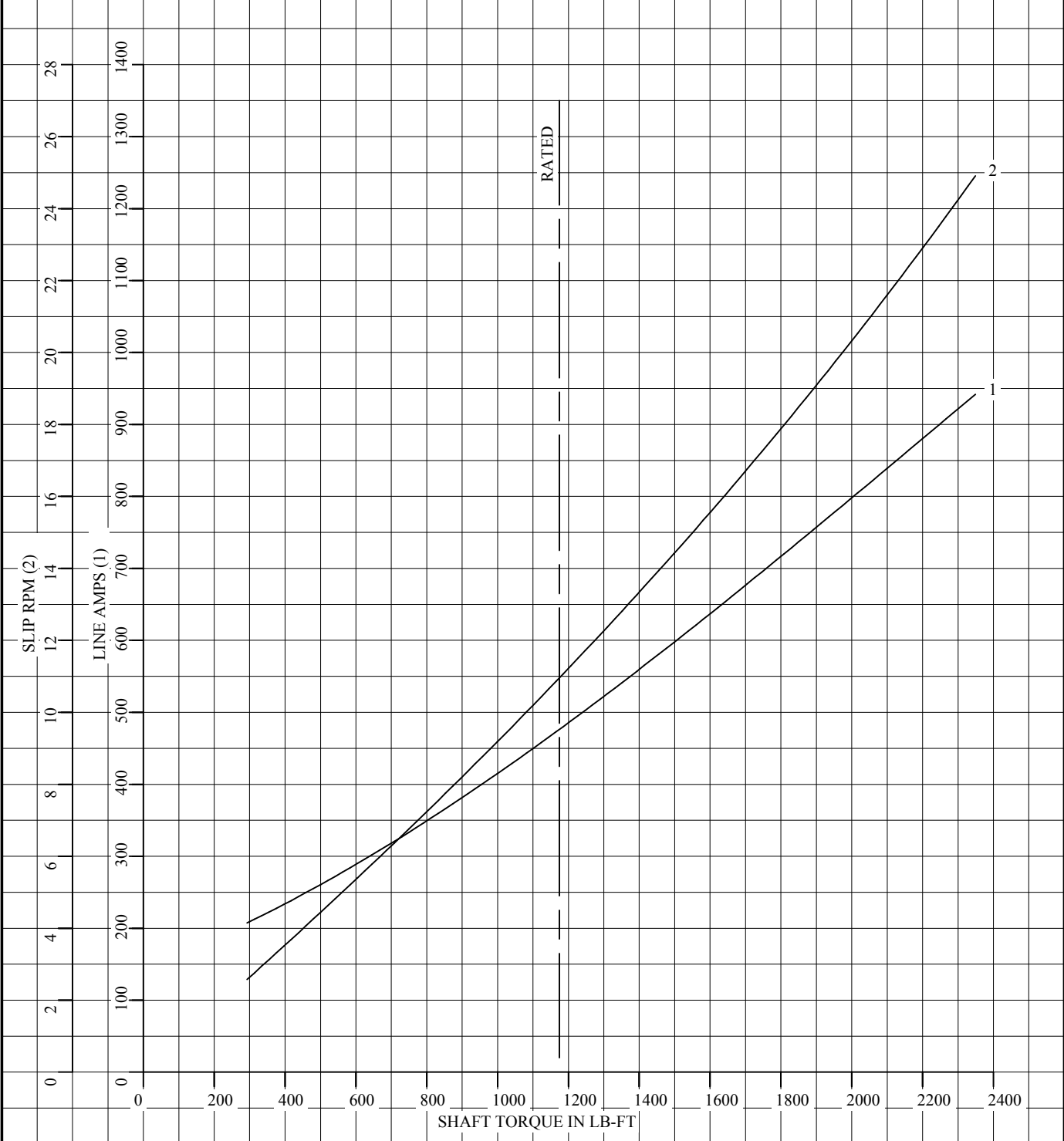
DR. BY R. SMITH  
CK. BY B. GRANT  
APP. BY S. EVON  
DATE 9-9-09

A-C MOTOR  
PERFORMANCE  
CURVES

L4344A  
SH 1 OF 2  
ISSUE DATE 10-18-16

REL S.O.	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	FL4440	AMPS	479	MAX SAFE RPM	2800	(AT BASE RATING, 25 °C)	
HP	400	DUTY	CONT	IM (AMPS)	161	R1	.00293 X1 .0526
BASE SPEED	1790	S.F.	1.0	P.F. @NL/FL	.035/.825	R2	.00250 X2 .100
PHASE/HERTZ	3/90	AMB °C/INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	169		XM 1.48

CORRELATED DATA  
LOAD PERFORMANCE (CONSTANT V/Hz RANGE)



REMARKS: DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



DR. BY R. SMITH  
 CK. BY B. GRANT  
 APP. BY S. EVON  
 DATE 9-9-09

**A-C MOTOR  
 PERFORMANCE  
 CURVES**

**L4344A**  
 SH 2 OF 2  
 ISSUE DATE 10-18-16