

REL S.O.	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE			
FRAME	FL4451	AMPS	591	MAX SAFE RPM	2800	(AT BASE RATING, 25 °C)			
HP	500	DUTY	CONT	IM (AMPS)	183	R1	.00249	X1	.0452
BASE SPEED	1790	S.F.	1.0	P.F. @NL/FL	.035/.835	R2	.00218	X2	.0834
PHASE/HERTZ	3/90	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	189			XM	1.30

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1788	500	1469	460	90	592
MAX SPEED	2498	500	1051	460	125.8	590
MIN SPEED	0	0	1469	4.36	.6009	592

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	90	183
1/4	1797	125	366	460	90	244
1/2	1794	250	733	460	90	339
3/4	1791	375	1099	460	90	460
FULL LOAD	1788	500	1469	460	90	592
O/L	1772	992	2938	460	90	1189

REMARKS: CORRELATED DATA

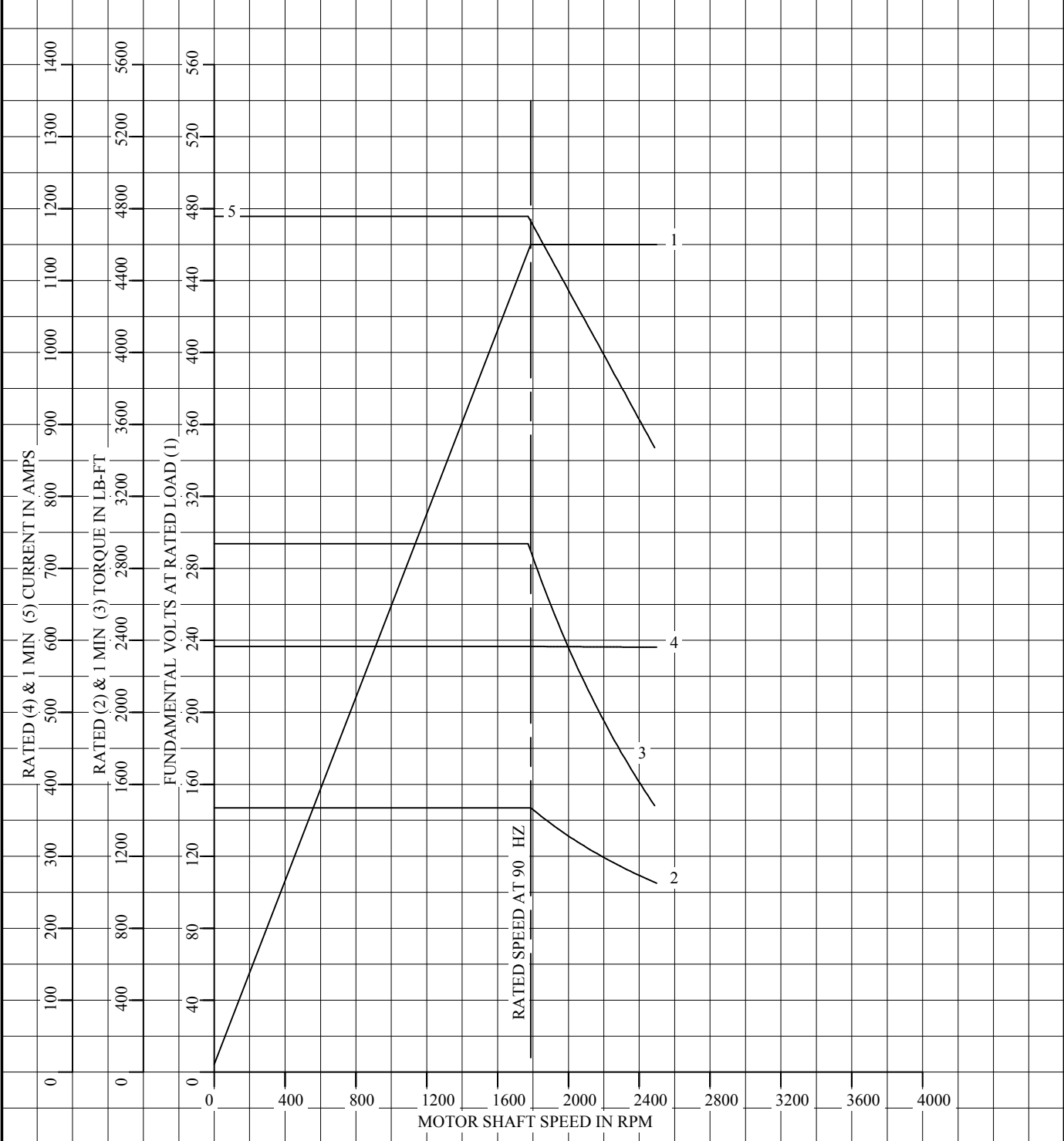


DR. BY R. SMITH
 CK. BY B. GRANT
 APP. BY S. EVON
 DATE 9-10-09

A-C MOTOR
PERFORMANCE DATA L4345A
 ISSUE DATE 10-18-16

REL S.O.	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	FL4451	AMPS	591	MAX SAFE RPM	2800	(AT BASE RATING, 25 °C)	
HP	500	DUTY	CONT	IM (AMPS)	183	R1 .00249	X1 .0452
BASE SPEED	1790	S.F.	1.0	P.F. @NL/FL	.035/.835	R2 .00218	X2 .0834
PHASE/HERTZ	3/90	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	189	XM 1.30	

CORRELATED DATA
VARIABLE SPEED AC MOTOR CURVES



REMARKS:
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



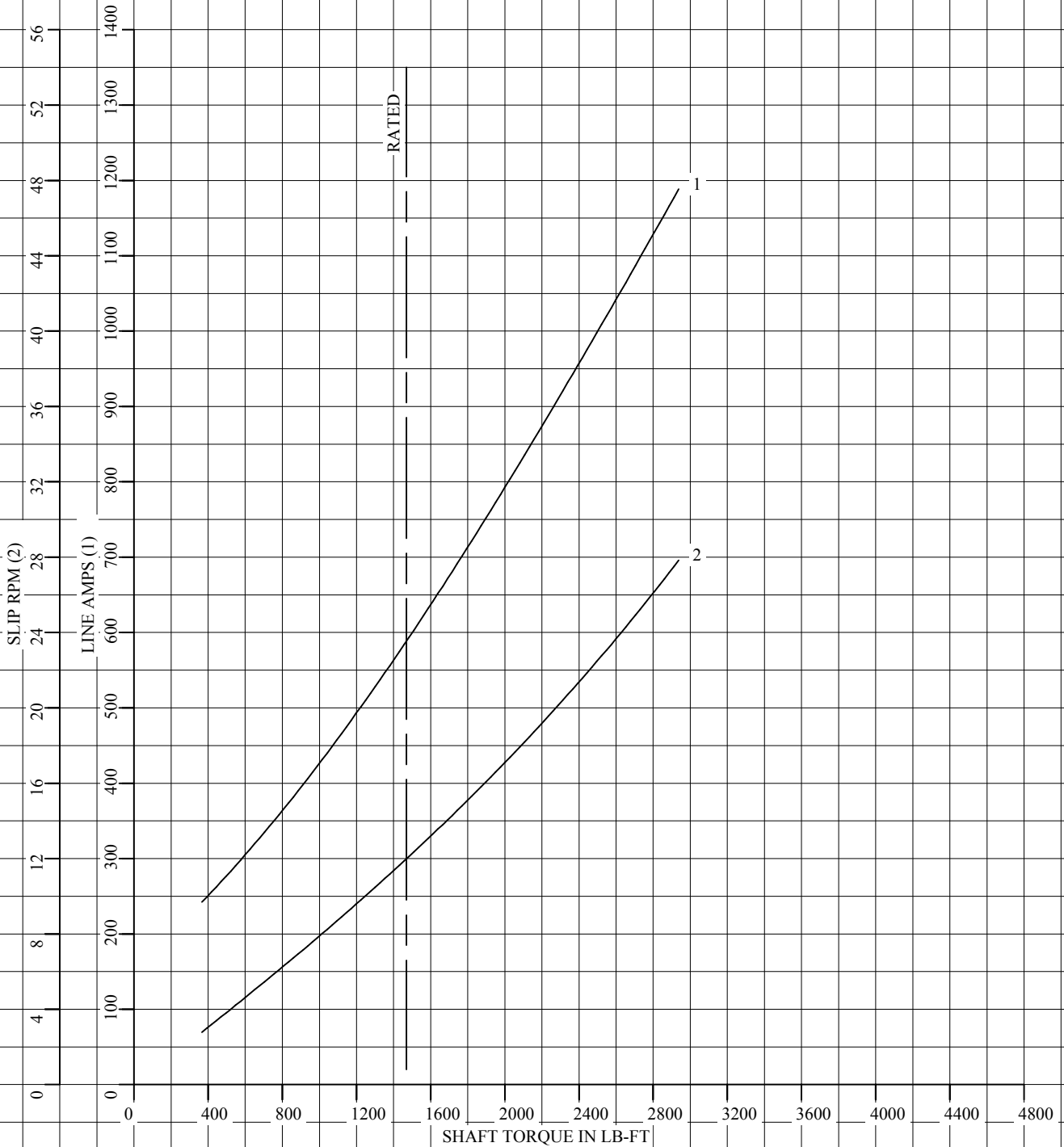
DR. BY R. SMITH
 CK. BY B. GRANT
 APP. BY S. EVON
 DATE 9-10-09

**A-C MOTOR
 PERFORMANCE
 CURVES**

L4345A
 SH 1 OF 2
 ISSUE DATE 10-18-16

REL S.O.	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	FL4451	AMPS	591	MAX SAFE RPM	2800	(AT BASE RATING, 25 °C)	
HP	500	DUTY	CONT	IM (AMPS)	183	R1 .00249	X1 .0452
BASE SPEED	1790	S.F.	1.0	P.F. @NL/FL	.035/.835	R2 .00218	X2 .0834
PHASE/HERTZ	3/90	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	189		XM 1.30

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 9-10-09

**A-C MOTOR
 PERFORMANCE
 CURVES**

L4345A
 SH 2 OF 2
 ISSUE DATE 10-18-16