

REL S.O.	-	VOLTS	230/460	ENCLOSURE	TENV	WYE CONN EQ CKT OHMS PER PHASE			
FRAME	FL2162	AMPS	13.6	MAX SAFE RPM	5000	(AT BASE RATING, 25 °C)			
HP	10	DUTY	CONT	IM (AMPS)	7.5	R1	.305	X1	1.40
BASE SPEED	1780	S.F.	1.0	P.F. @NL/FL	.075/.770	R2	.199	X2	2.17
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	1.92			XM	34.9

### RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1779	10.0	30	460	60	13.6
MAX SPEED	3560	10.0	15	460	120.2	12.4
MIN SPEED	0	0	30	11.8	.6996	13.6

### LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	7.34
1/4	1795	2.50	7	460	60	8.09
1/2	1790	5.01	15	460	60	9.45
3/4	1785	7.50	22	460	60	11.3
FULL LOAD	1779	10.0	30	460	60	13.6
O/L	1755	19.7	59	460	60	24.0

REMARKS: TYPICAL DATA  
CORRELATED DATA

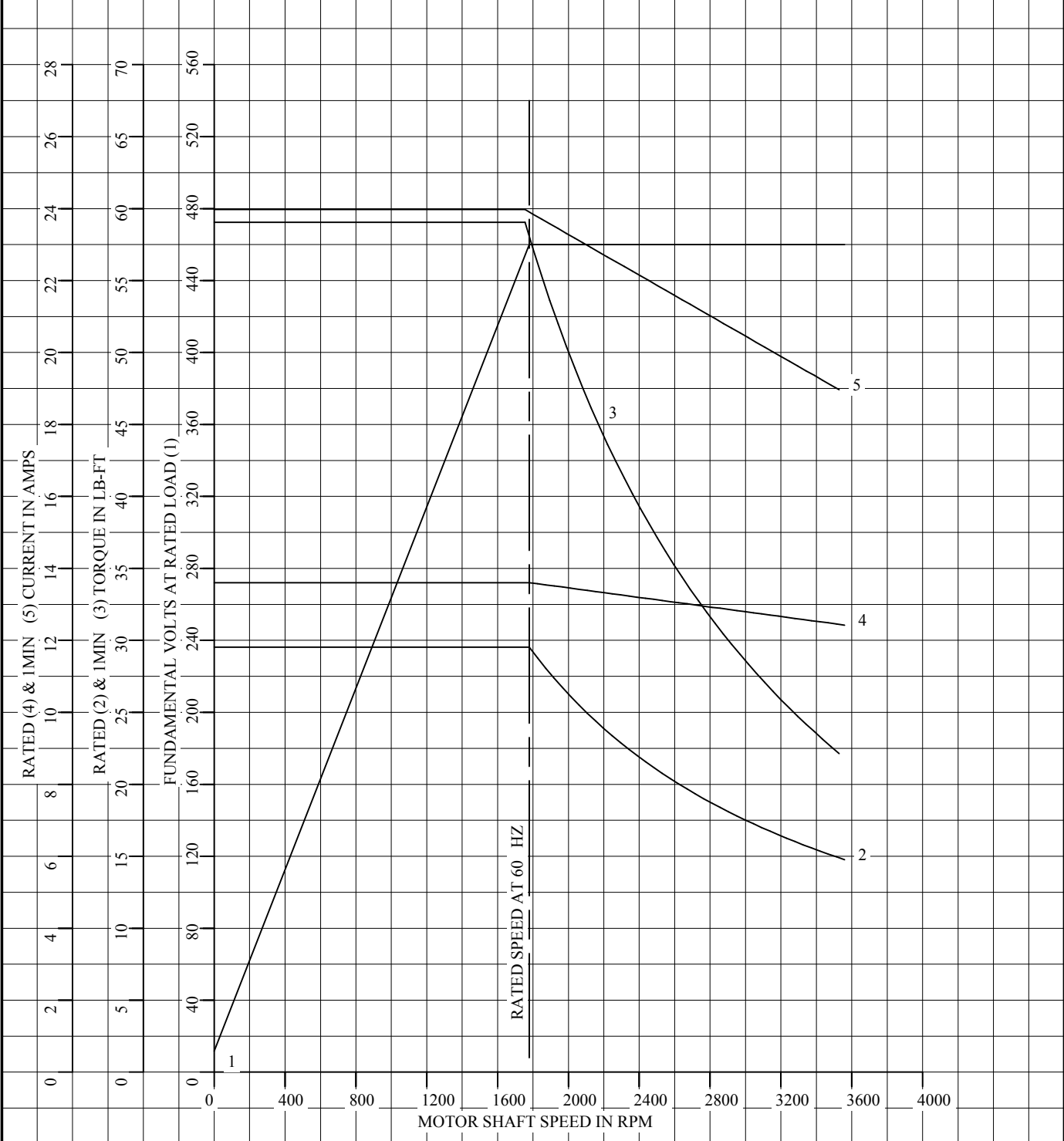


DR. BY B. GRANT  
 CK. BY B. GRANT  
 APP. BY T. CUFR  
 DATE 2-8-07

**A-C MOTOR  
 PERFORMANCE DATA** L3424B  
 ISSUE DATE 9-25-15

REL S.O.	-	VOLTS	230/460	ENCLOSURE	TENV	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	FL2162	AMPS	13.6	MAX SAFE RPM	5000	(AT BASE RATING, 25 °C)	
HP	10	DUTY	CONT	IM (AMPS)	7.5	R1 .305	X1 1.40
BASE SPEED	1780	S.F.	1.0	P.F. @NL/FL	.075/.770	R2 .199	X2 2.17
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	1.92	XM 34.9	

CORRELATED DATA  
VARIABLE SPEED AC MOTOR CURVES



REMARKS: TYPICAL DATA  
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



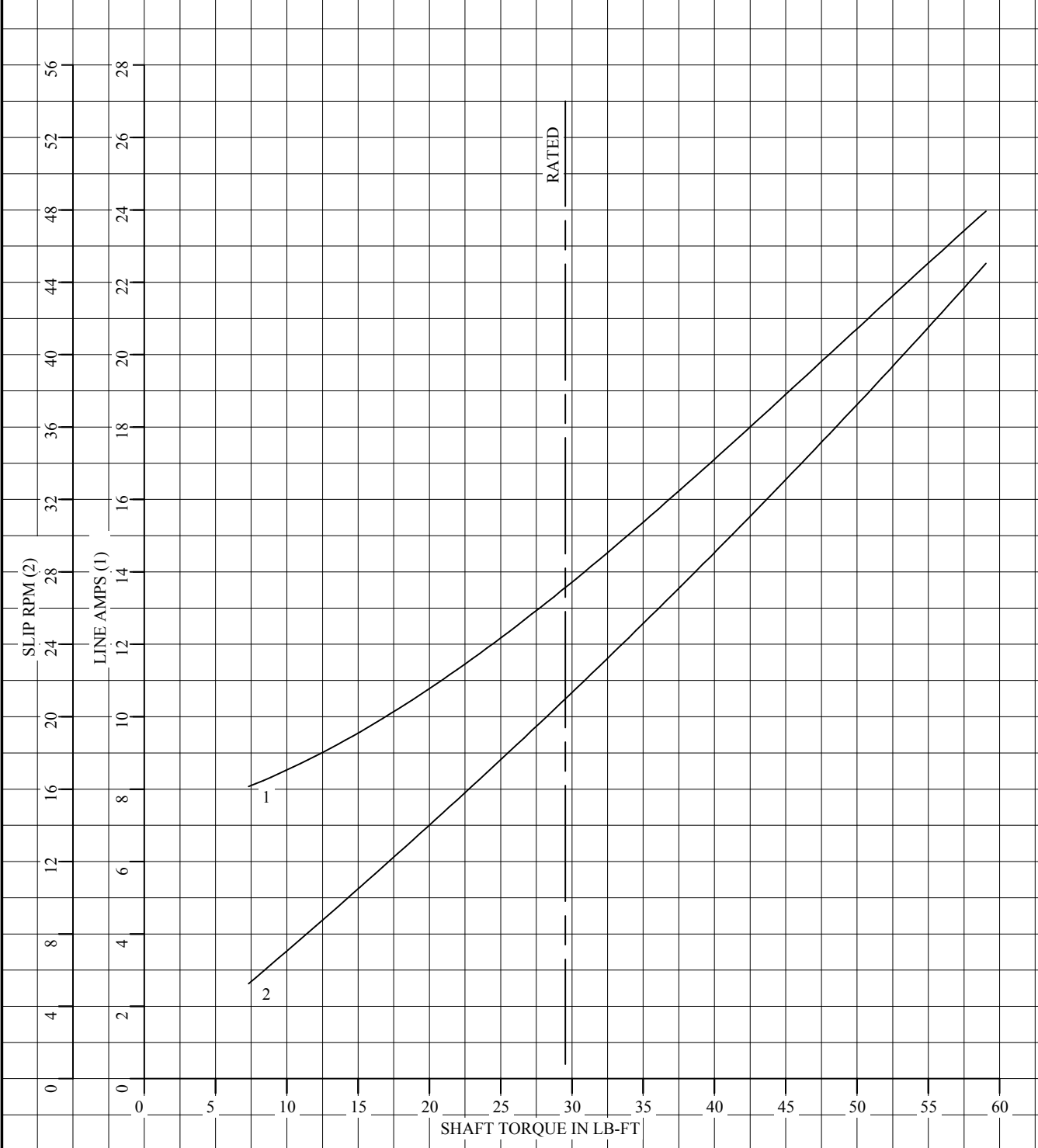
DR. BY B. GRANT  
CK. BY B. GRANT  
APP. BY T. CUFR  
DATE 2-8-07

A-C MOTOR  
PERFORMANCE  
CURVES

L3424B  
SH 1 OF 2  
ISSUE DATE 9-25-15

REL S.O.	-	VOLTS	230/460	ENCLOSURE	TENV	WYE CONN	EQ	CKT OHMS PER PHASE	
FRAME	FL2162	AMPS	13.6	MAX SAFE RPM	5000	(AT BASE RATING, 25 °C)			
HP	10	DUTY	CONT	IM (AMPS)	7.5	R1	.305	X1	1.40
BASE SPEED	1780	S.F.	1.0	P.F. @NL/FL	.075/.770	R2	.199	X2	2.17
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	1.92			XM	34.9

CORRELATED DATA  
LOAD PERFORMANCE (CONSTANT V/Hz RANGE)



REMARKS: TYPICAL DATA  
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



DR. BY B. GRANT  
 CK. BY B. GRANT  
 APP. BY T. CUFR  
 DATE 2-8-07

**A-C MOTOR  
 PERFORMANCE  
 CURVES**

**L3424B**  
 SH 2 OF 2  
 ISSUE DATE 9-25-15