

REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE			
FRAME	RL2578	AMPS	119	MAX SAFE RPM	5000	(AT BASE RATING, 25 °C)			
HP	100	DUTY	CONT	IM (AMPS)	33	R1	.0615	X1	.302
BASE SPEED	1750	S.F.	1.0	P.F. @NL/FL	.060/.884	R2	.0458	X2	.282
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	4.2			XM	8.29

**RATED FULL LOAD DATA**

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1748	100	300	460	60	119
MAX SPEED	1995	100	263	460	68.5	118
MIN SPEED	0	0	0	21.0	1.73	119

**LOAD PERFORMANCE AT BASE SPEED**

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	32.2
1/4	1789	25.0	73	460	60	43.3
1/2	1776	50.1	148	460	60	64.2
3/4	1763	75.0	223	460	60	89.7
FULL LOAD	1748	100	300	460	60	119
O/L	1711	147	451	460	60	184

REMARKS: TYPICAL DATA  
CORRELATED DATA

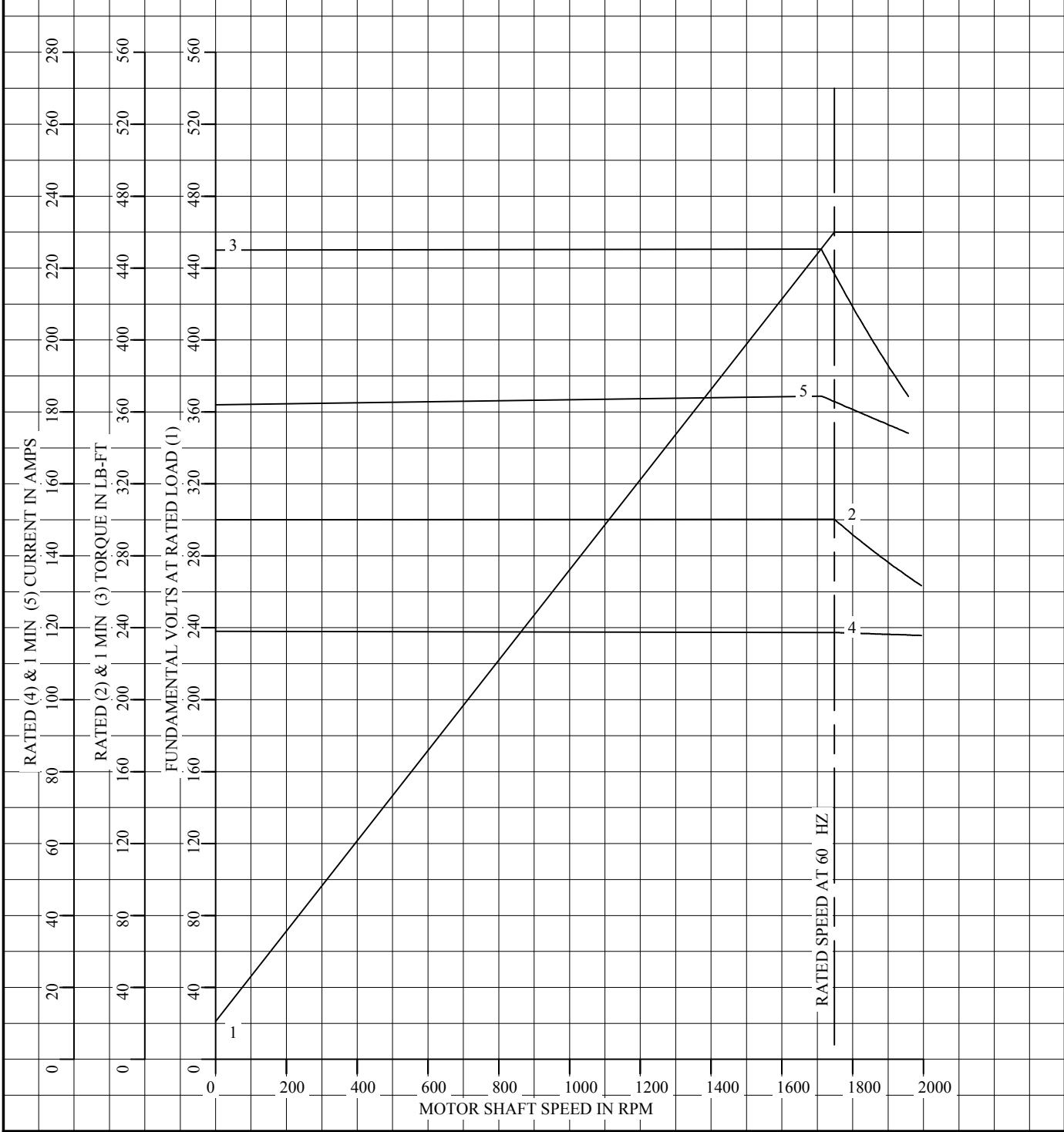


DR. BY M. ORDERS  
 CK. BY B. GRANT  
 APP. BY T. EVON  
 DATE 05/23/00

**A-C MOTOR**  
**PERFORMANCE DATA** L1821A  
 ISSUE DATE 03/10/05

REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	RL2578	AMPS	119	MAX SAFE RPM	5000	(AT BASE RATING, 25 °C)	
HP	100	DUTY	CONT	IM (AMPS)	33	R1	.0615 X1 .302
BASE SPEED	1750	S.F.	1.0	P.F. @NL/FL	.060/.884	R2	.0458 X2 .282
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	4.2		XM 8.29

CORRELATED DATA  
VARIABLE SPEED AC MOTOR CURVES



REMARKS: TYPICAL DATA  
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY

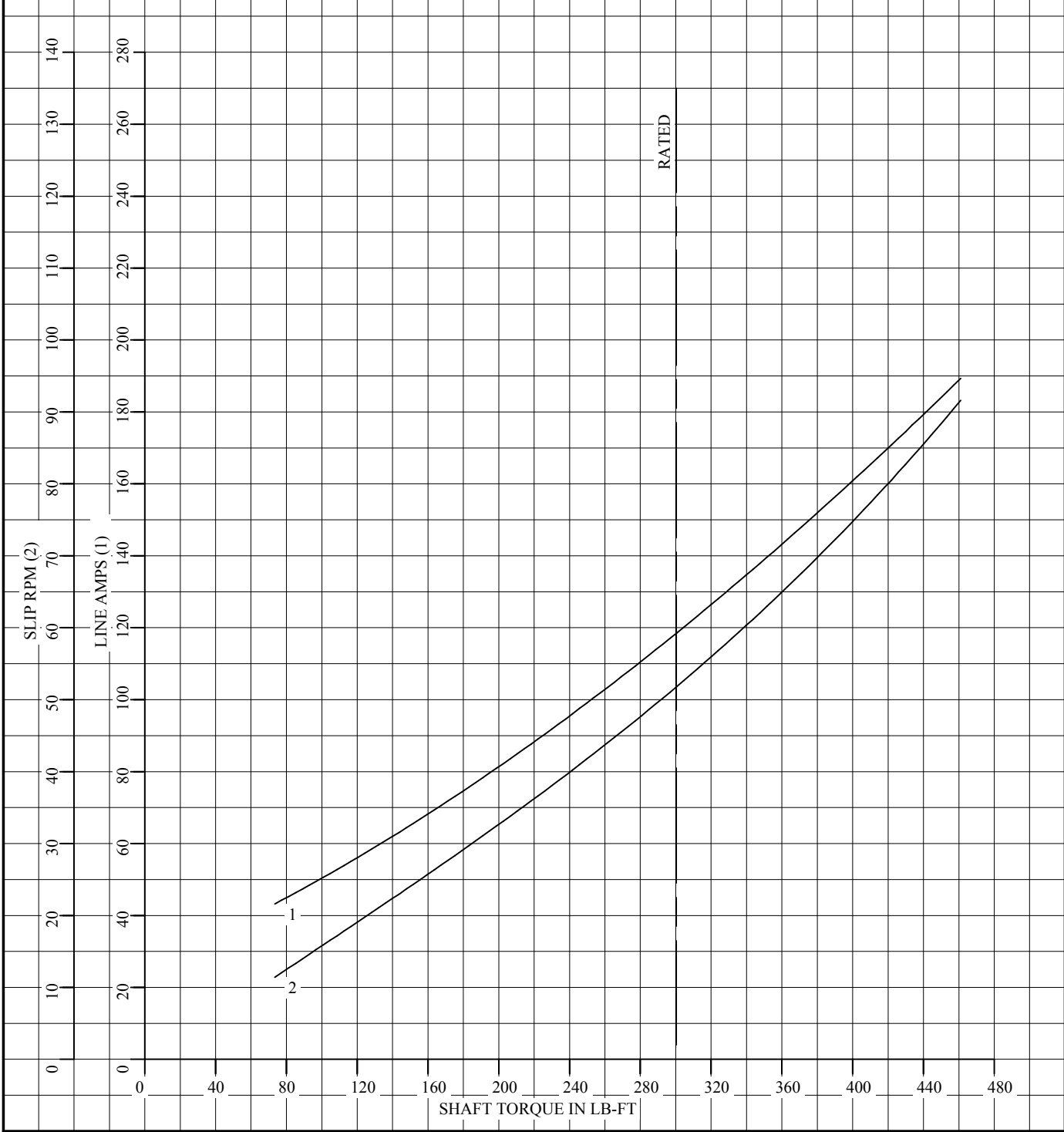


DR. BY M. ORDERS  
CK. BY B. GRANT  
APP. BY T. EVON  
DATE 05/23/00

**A-C MOTOR PERFORMANCE CURVES**  
L1821A  
SH 1 OF 2  
ISSUE DATE 03/10/05

REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	RL2578	AMPS	119	MAX SAFE RPM	5000	(AT BASE RATING, 25 °C)	
HP	100	DUTY	CONT	IM (AMPS)	33	R1 .0615	X1 .302
BASE SPEED	1750	S.F.	1.0	P.F. @NL/FL	.060/.884	R2 .0458	X2 .282
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	4.2		XM 8.29

CORRELATED DATA  
LOAD PERFORMANCE (CONSTANT V/Hz RANGE)



REMARKS: TYPICAL DATA  
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



DR. BY M. ORDERS  
CK. BY B. GRANT  
APP. BY T. EVON  
DATE 05/23/00

**A-C MOTOR  
PERFORMANCE  
CURVES**

**L1821A**  
SH 2 OF 2  
ISSUE DATE 03/10/05