

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)	
FRAME	RL3203	AMPS	245	MAX SAFE SPEED	4000		
HP	200	DUTY	CONT	IM (AMPS)	113	R1	.0169 X1 .0922
BASE SPEED	1777	S.F.	1.0	P.F. @NL / FL	.041/.831	R2	.0102 X2 .101
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	21		XM 2.39

**RATED FULL LOAD DATA**

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1777	200	591	460	60	245
MAX SPEED	2301	200	457	460	77.7	227
MIN SPEED	0	0	591	12.3	.773	245

**LOAD PERFORMANCE AT BASE SPEED**

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	111
1/4	1794	50.1	147	460	60	126
1/2	1789	100	294	460	60	157
3/4	1783	150	442	460	60	197
FULL LOAD	1777	200	591	460	60	245
0/L	1749	394	1182	460	60	462

REMARKS:  
TYPICAL DATA  
CORRELATED DATA



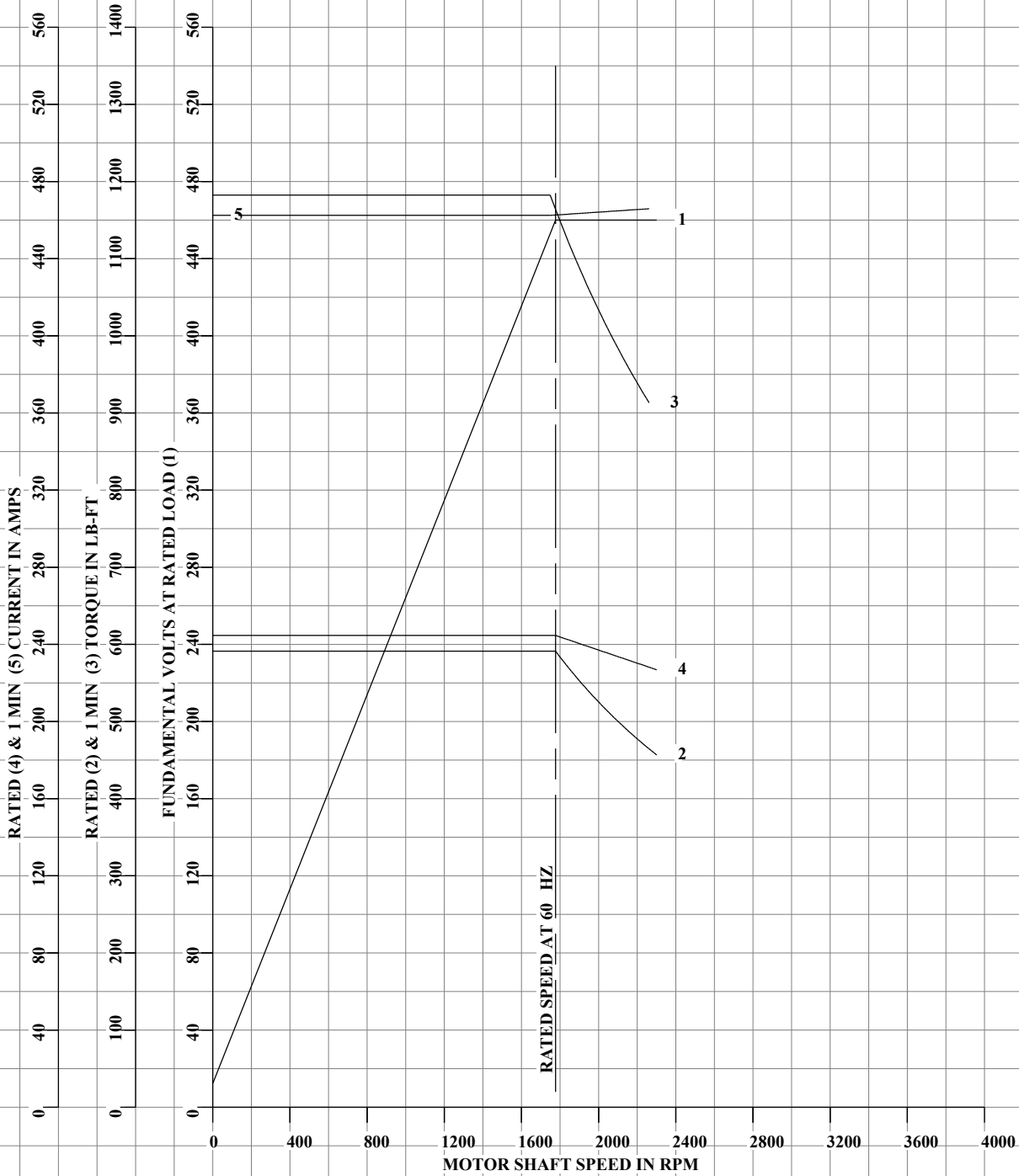
DRAWN BY: A. BROOKINS  
CHECKED BY: B. GRANT  
APPROVED BY: J. MARTIN  
DATE: 3-13-23

AC MOTOR  
PERFORMANCE  
DATA

**L9491A**  
ISSUE DATE 3-13-23

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)		
FRAME	RL3203	AMPS	245	MAX SAFE SPEED	4000			
HP	200	DUTY	CONT	IM (AMPS)	113	R1	.0169	X1 .0922
BASE SPEED	1777	S.F.	1.0	P.F. @NL / FL	.041/.831	R2	.0102	X2 .101
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	21			XM 2.39

**CORRELATED DATA  
VARIABLE SPEED AC MOTOR CURVES**



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



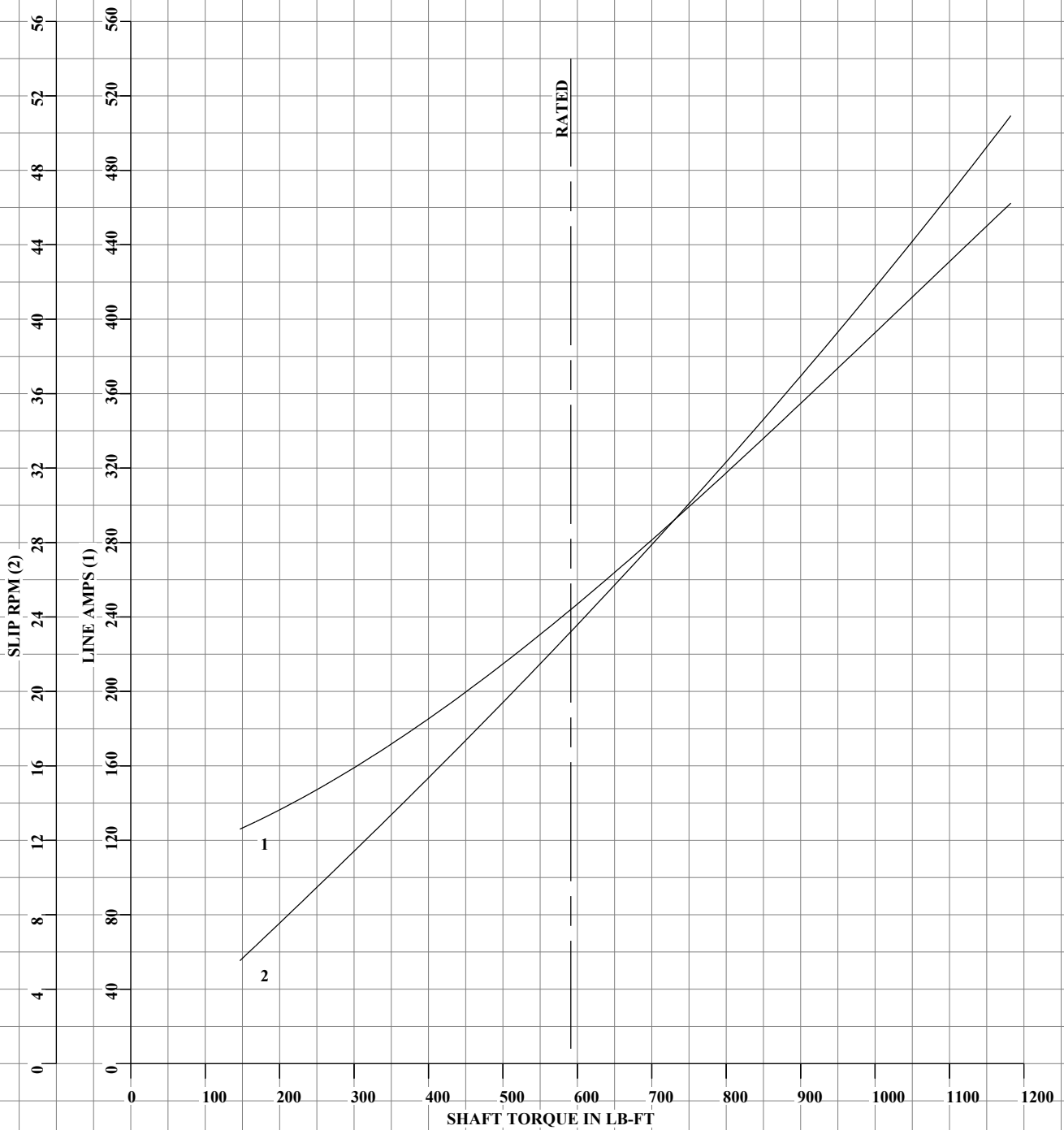
DRAWN BY: A. BROOKINS  
 CHECKED BY: B. GRANT  
 APPROVED BY: J. MARTIN  
 DATE: 3-13-23

**AC MOTOR  
PERFORMANCE  
DATA**

**L9491A**  
 ISSUE DATE: 3-13-23

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE		
FRAME	RL3203	AMPS	245	MAX SAFE SPEED	4000	(AT BASE RATING, 25°C)		
HP	200	DUTY	CONT	IM (AMPS)	113	R1	.0169	X1 .0922
BASE SPEED	1777	S.F.	1.0	P.F. @NL / FL	.041/.831	R2	.0102	X2 .101
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	21			XM 2.39

**CORRELATED DATA**  
LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



DRAWN BY: A. BROOKINS  
 CHECKED BY: B. GRANT  
 APPROVED BY: J. MARTIN  
 DATE: 3-13-23

AC MOTOR  
PERFORMANCE  
DATA

**L9491A**  
ISSUE DATE: 3-13-23