

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)		
FRAME	RL4046	AMPS	674	MAX SAFE SPEED	3750			
HP	600	DUTY	CONT	IM (AMPS)	203	R1	.00515	X1 .0394
BASE SPEED	1780	S.F.	1.0	P.F. @NL / FL	.037/.891	R2	.00301	X2 .0430
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	85			XM 1.34

**RATED FULL LOAD DATA**

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1780	600	1770	460	60	674
MAX SPEED	2669	600	1181	460	90	661
MIN SPEED	0	0	1770	10.3	.653	674

**LOAD PERFORMANCE AT BASE SPEED**

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	199
1/4	1795	150	440	460	60	260
1/2	1791	300	881	460	60	378
3/4	1786	450	1323	460	60	519
FULL LOAD	1780	600	1770	460	60	674
0/L	1746	1354	4071	460	60	1655

REMARKS:  
CORRELATED DATA



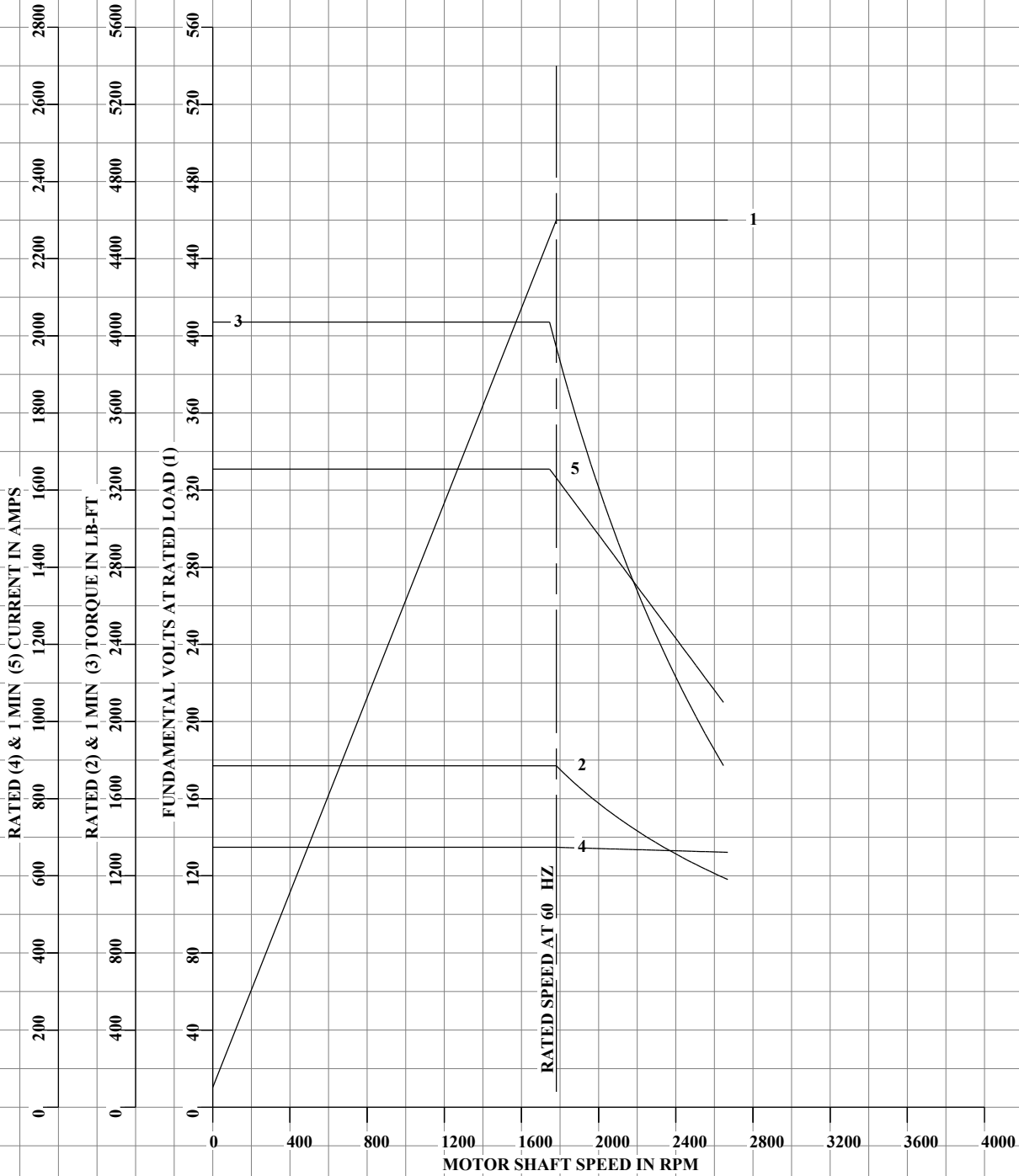
DRAWN BY: A. BROOKINS  
 CHECKED BY: R. GARCIA  
 APPROVED BY: J. MARTIN  
 DATE: 3-15-23

AC MOTOR  
PERFORMANCE  
DATA

**L9461A**  
ISSUE DATE 3-15-23

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)			
FRAME	RL4046	AMPS	674	MAX SAFE SPEED	3750				
HP	600	DUTY	CONT	IM (AMPS)	203	R1	.00515	X1	.0394
BASE SPEED	1780	S.F.	1.0	P.F. @NL / FL	.037/.891	R2	.00301	X2	.0430
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	85			XM	1.34

**CORRELATED DATA  
VARIABLE SPEED AC MOTOR CURVES**



DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



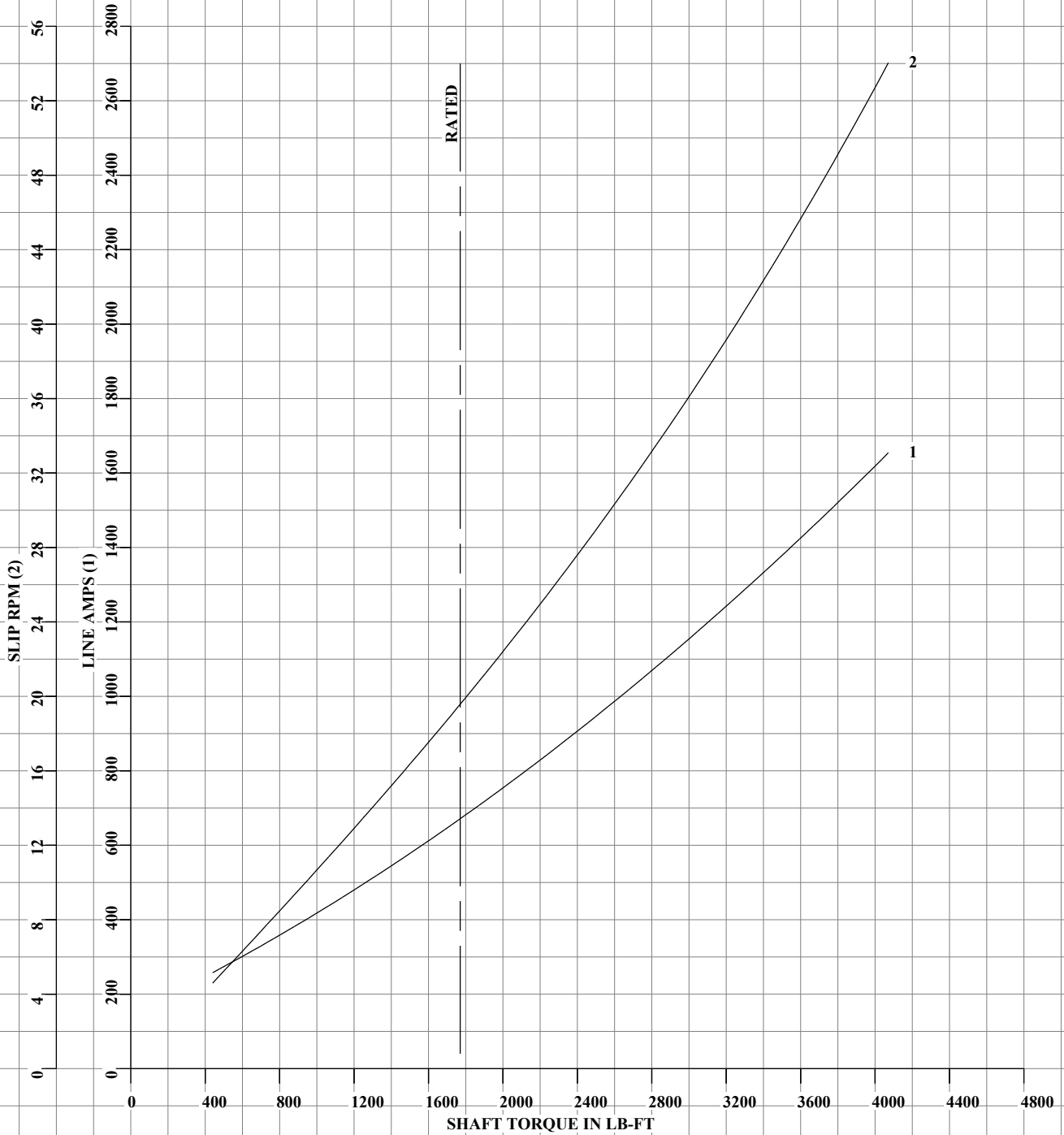
DRAWN BY: A. BROOKINS  
 CHECKED BY: R. GARCIA  
 APPROVED BY: J. MARTIN  
 DATE: 3-15-23

**AC MOTOR  
PERFORMANCE  
DATA**

**L9461A**  
 ISSUE DATE: 3-15-23

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE		
FRAME	RL4046	AMPS	674	MAX SAFE SPEED	3750	(AT BASE RATING, 25°C)		
HP	600	DUTY	CONT	IM (AMPS)	203	R1	.00515	X1 .0394
BASE SPEED	1780	S.F.	1.0	P.F. @NL / FL	.037/.891	R2	.00301	X2 .0430
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	85			XM 1.34

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



DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



DRAWN BY: A. BROOKINS  
 CHECKED BY: R. GARCIA  
 APPROVED BY: J. MARTIN  
 DATE: 3-15-23

AC MOTOR  
PERFORMANCE  
DATA

**L9461A**  
ISSUE DATE: 3-15-23