

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)		
FRAME	RL4461	AMPS	1077	MAX SAFE SPEED	2700			
HP	900	DUTY	CONT	IM (AMPS)	385	R1	.00181	X1 .0288
BASE SPEED	1785	S.F.	1.0	P.F. @NL / FL	.028/.827	R2	.00145	X2 .0420
PHASE/HZ	3/90	AMB.°C / INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	207			XM .684


**RATED FULL LOAD DATA**

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1785	900	2648	460	90	1077
MAX SPEED	2624	901	1802	460	132.4	1073
MIN SPEED	0	0	2648	5.78	.7362	1077

**LOAD PERFORMANCE AT BASE SPEED**

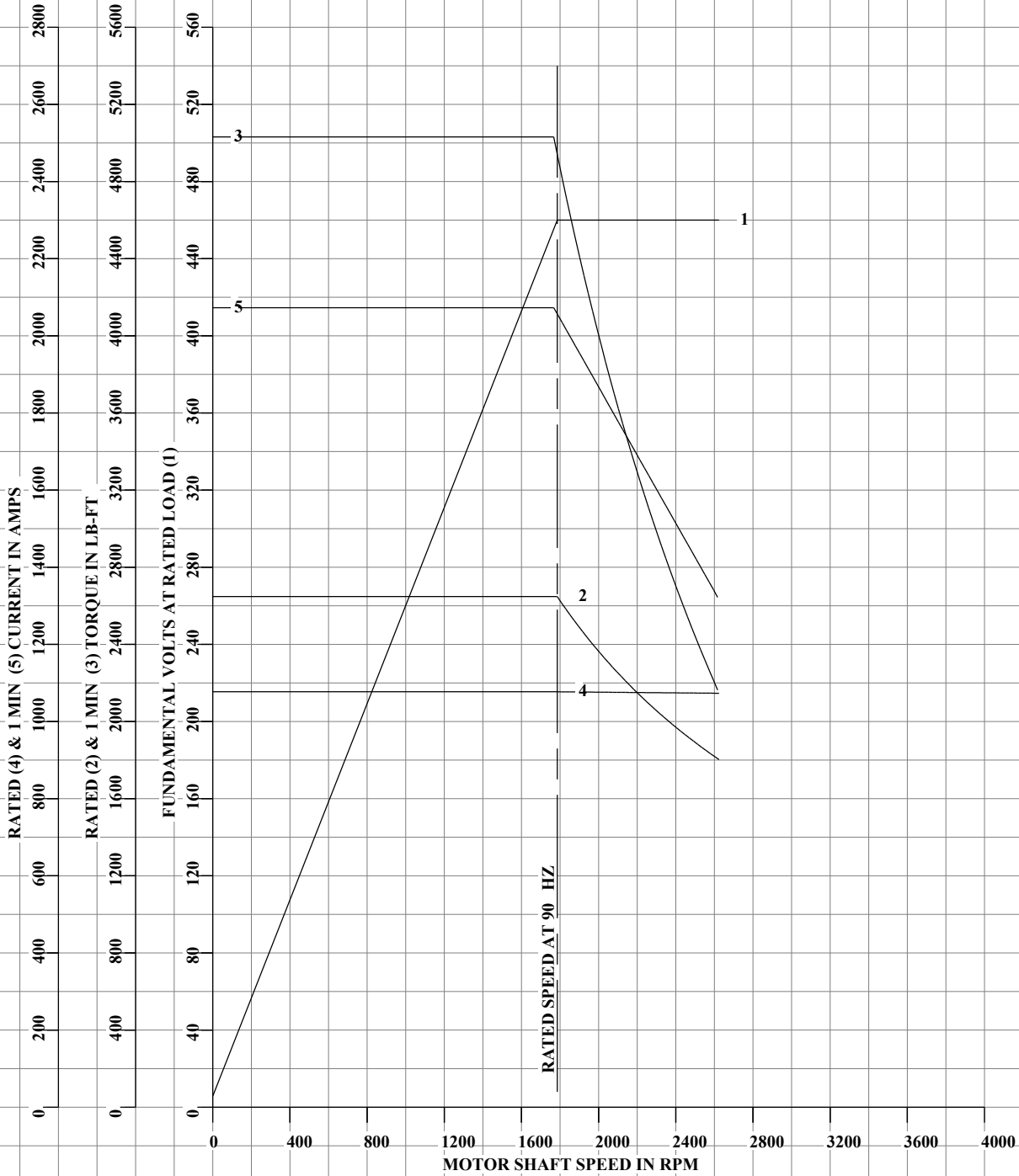
	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	90	385
1/4	1797	225	659	460	90	461
1/2	1793	450	1319	460	90	633
3/4	1789	675	1981	460	90	843
FULL LOAD	1785	900	2648	460	90	1077
0/L	1767	1693	5031	460	90	2073

REMARKS:

	DRAWN BY: <u>A. BROOKINS</u> CHECKED BY: <u>R.GARCIA</u> APPROVED BY: <u>J. MARTIN</u> DATE: <u>3-20-23</u>	<b>AC MOTOR PERFORMANCE DATA</b>	<b>L9465A</b>  ISSUE DATE 3-20-23
---	--	--	---

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)		
FRAME	RL4461	AMPS	1077	MAX SAFE SPEED	2700			
HP	900	DUTY	CONT	IM (AMPS)	385	R1	.00181	X1 .0288
BASE SPEED	1785	S.F.	1.0	P.F. @NL / FL	.028/.827	R2	.00145	X2 .0420
PHASE/HZ	3/90	AMB.°C / INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	207			XM .684

VARIABLE SPEED AC MOTOR CURVES



DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



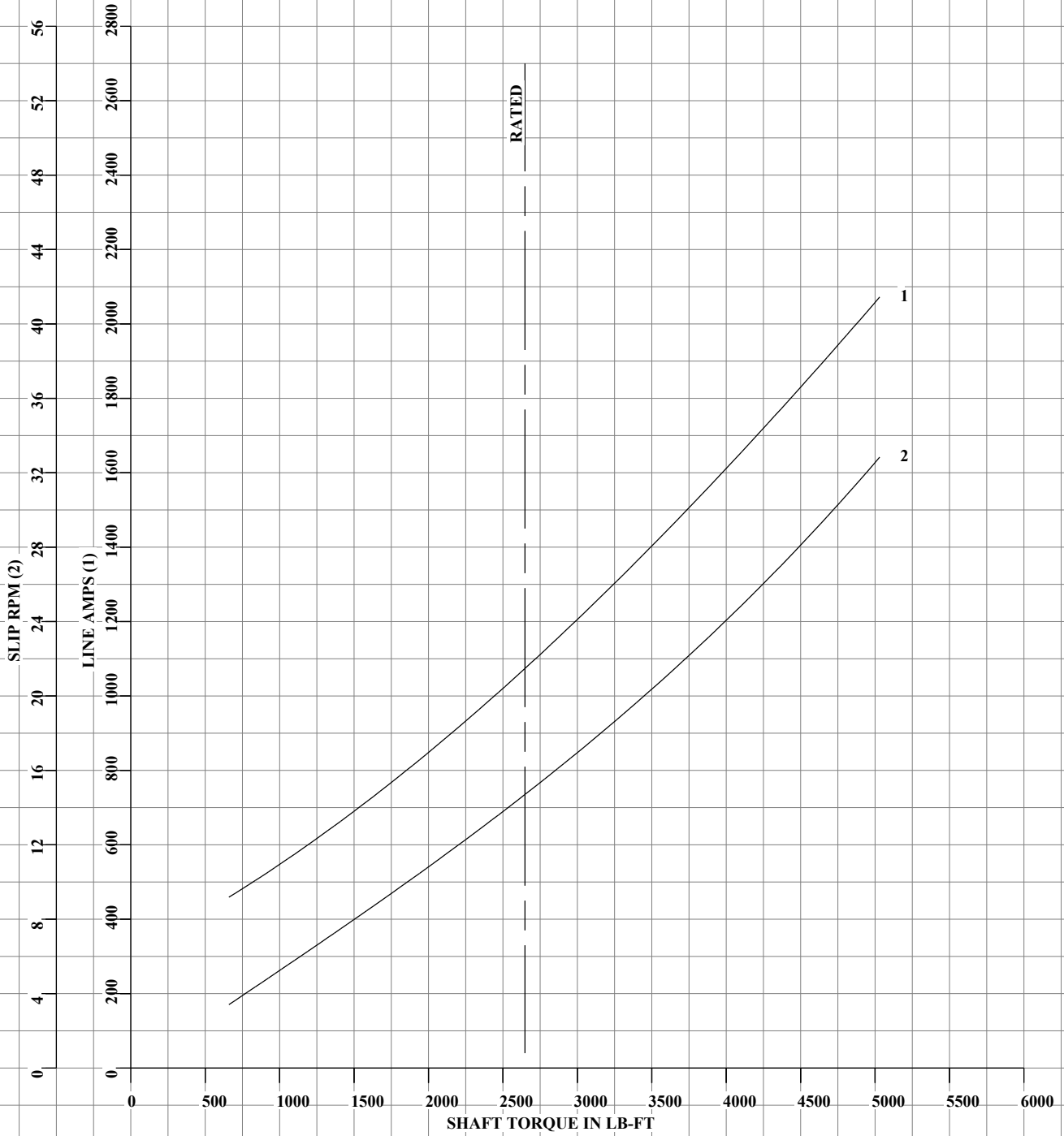
DRAWN BY: A. BROOKINS  
 CHECKED BY: R.GARCIA  
 APPROVED BY: J. MARTIN  
 DATE: 3-20-23

AC MOTOR  
 PERFORMANCE  
 DATA

**L9465A**  
 ISSUE DATE: 3-20-23

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE		
FRAME	RL4461	AMPS	1077	MAX SAFE SPEED	2700	(AT BASE RATING, 25°C)		
HP	900	DUTY	CONT	IM (AMPS)	385	R1	.00181	X1 .0288
BASE SPEED	1785	S.F.	1.0	P.F. @NL / FL	.028/.827	R2	.00145	X2 .0420
PHASE/HZ	3/90	AMB.°C / INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	207			XM .684

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: 3-20-23

AC MOTOR  
 PERFORMANCE  
 DATA

**L9465A**  
 ISSUE DATE: 3-20-23