

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)	
FRAME	RL4473	AMPS	1196	MAX SAFE SPEED	2700		
HP	1000	DUTY	CONT	IM (AMPS)	443	R1	.00170 X1 .0248
BASE SPEED	1785	S.F.	1.0	P.F. @NL / FL	.020/.824	R2	.00126 X2 .0371
PHASE/HZ	3/90	AMB.°C / INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	233		XM .595


**RATED FULL LOAD DATA**

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1786	1000	2941	460	90	1197
MAX SPEED	2550	1001	2060	460	128.6	1180
MIN SPEED	0	0	2941	6.02	.7073	1197

**LOAD PERFORMANCE AT BASE SPEED**

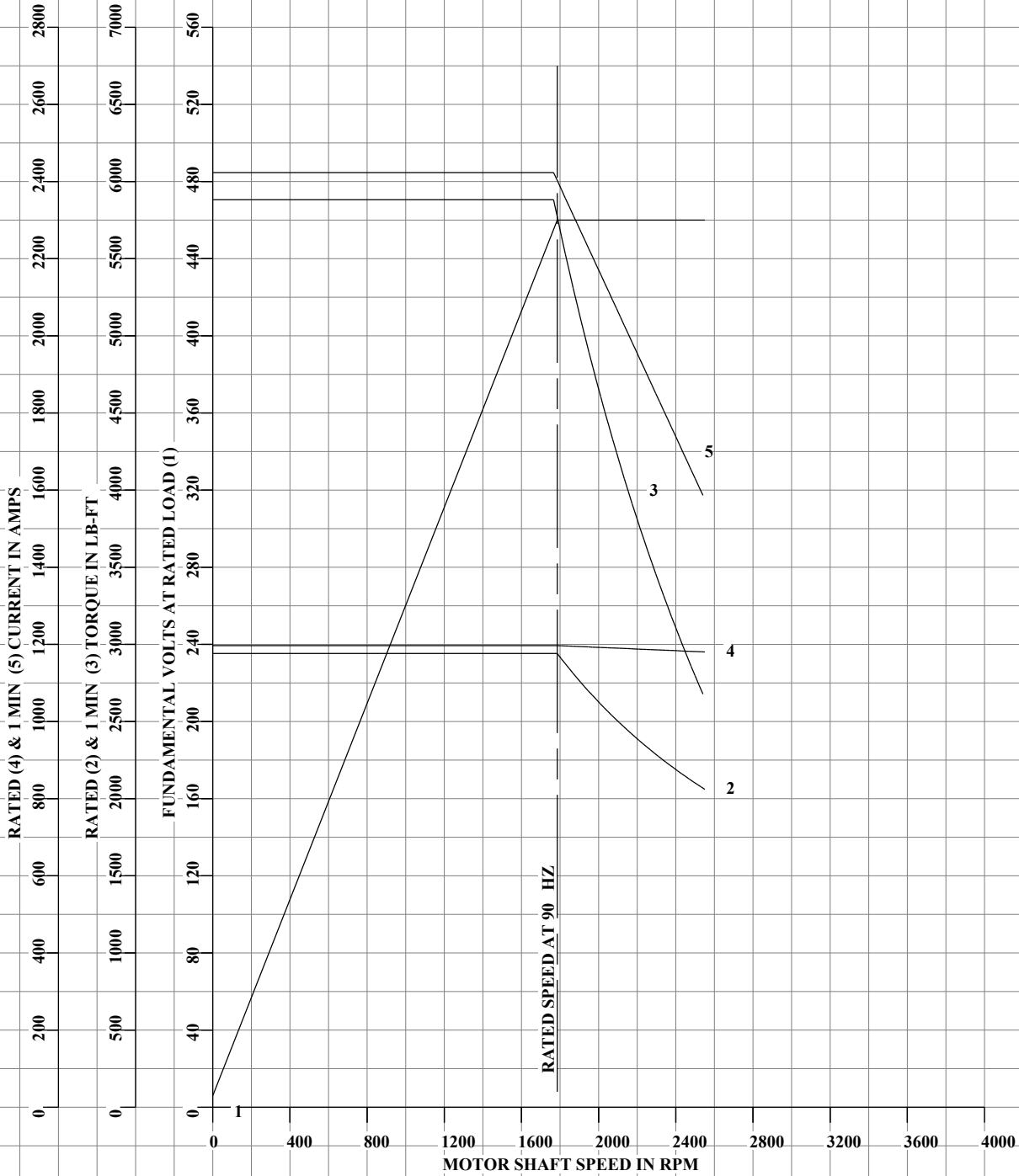
	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	90	443
1/4	1797	250	732	460	90	523
1/2	1793	500	1466	460	90	710
3/4	1790	750	2201	460	90	940
FULL LOAD	1786	1000	2941	460	90	1197
0/L	1766	1979	5882	460	90	2423

REMARKS:

	DRAWN BY: <u>A. BROOKINS</u> CHECKED BY: <u>R.GARCIA</u> APPROVED BY: <u>J. MARTIN</u> DATE: <u>3-21-23</u>	<b>AC MOTOR PERFORMANCE DATA</b>	<b>L9466A</b>  ISSUE DATE 3-21-23
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S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)		
FRAME	RL4473	AMPS	1196	MAX SAFE SPEED	2700			
HP	1000	DUTY	CONT	IM (AMPS)	443	R1	.00170	X1 .0248
BASE SPEED	1785	S.F.	1.0	P.F. @NL / FL	.020/.824	R2	.00126	X2 .0371
PHASE/HZ	3/90	AMB.°C / INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	233			XM .595

VARIABLE SPEED AC MOTOR CURVES



DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



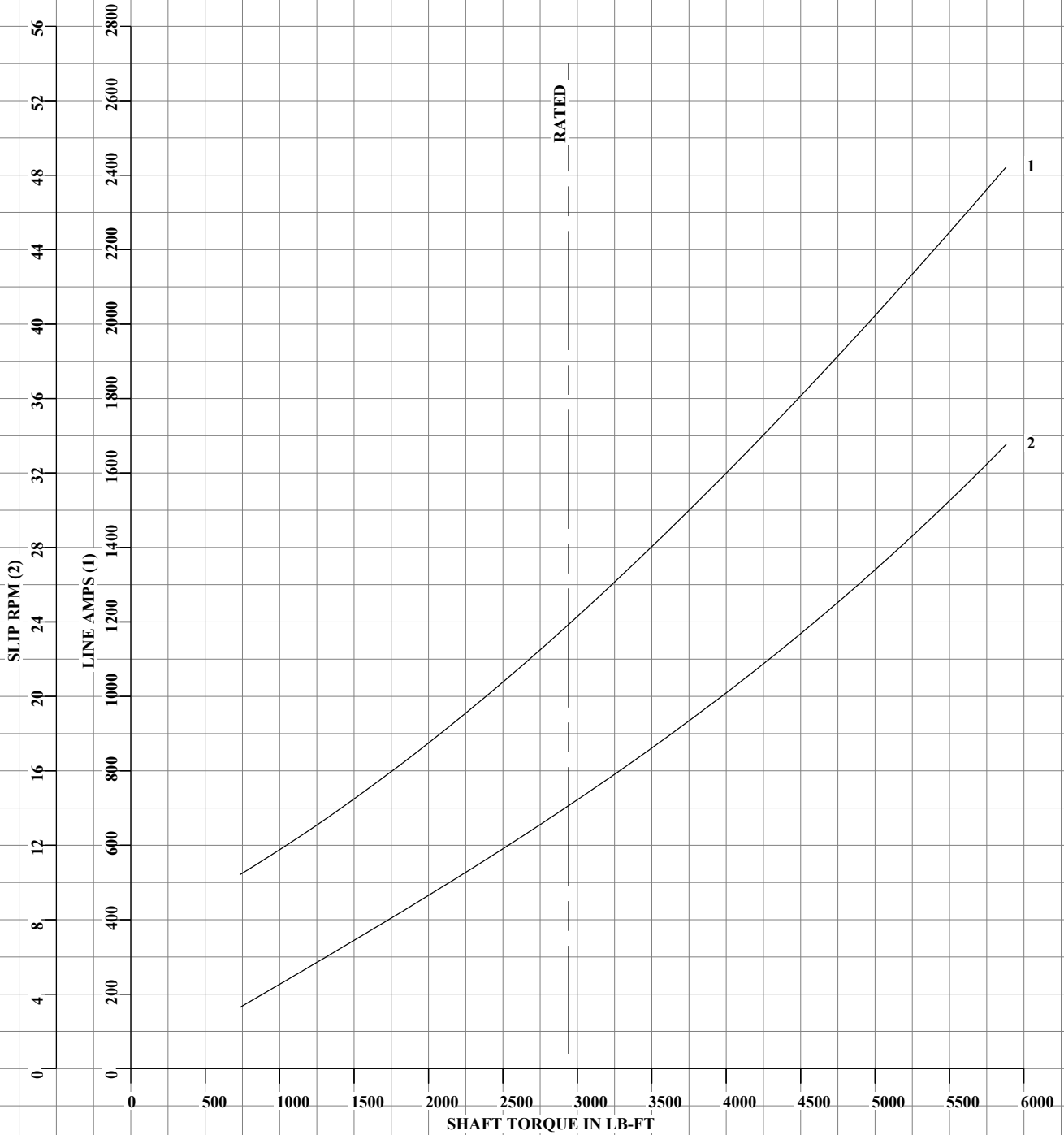
DRAWN BY: A. BROOKINS  
 CHECKED BY: R.GARCIA  
 APPROVED BY: J. MARTIN  
 DATE: 3-21-23

AC MOTOR  
 PERFORMANCE  
 DATA

**L9466A**  
 ISSUE DATE: 3-21-23

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE		
FRAME	RL4473	AMPS	1196	MAX SAFE SPEED	2700	(AT BASE RATING, 25°C)		
HP	1000	DUTY	CONT	IM (AMPS)	443	R1	.00170	X1 .0248
BASE SPEED	1785	S.F.	1.0	P.F. @NL / FL	.020/.824	R2	.00126	X2 .0371
PHASE/HZ	3/90	AMB.°C / INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	233			XM .595

LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



DRAWN BY: A. BROOKINS  
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 APPROVED BY: J. MARTIN  
 DATE: 3-21-23

AC MOTOR  
 PERFORMANCE  
 DATA

**L9466A**  
 ISSUE DATE: 3-21-23