

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)	
FRAME	RL4461	AMPS	1101	MAX SAFE SPEED	2700		
HP	900	DUTY	CONT	IM (AMPS)	454	R1	.00163 X1 .0257
BASE SPEED	1787	S.F.	1.0	P.F. @NL / FL	.028/.808	R2	.00130 X2 .0386
PHASE/HZ	3/90	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	189		XM .581


RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1787	900	2645	460	90	1101
MAX SPEED	2299	901	2057	460	115.8	1058
MIN SPEED	0	0	2645	5.26	.6490	1101

LOAD PERFORMANCE AT BASE SPEED

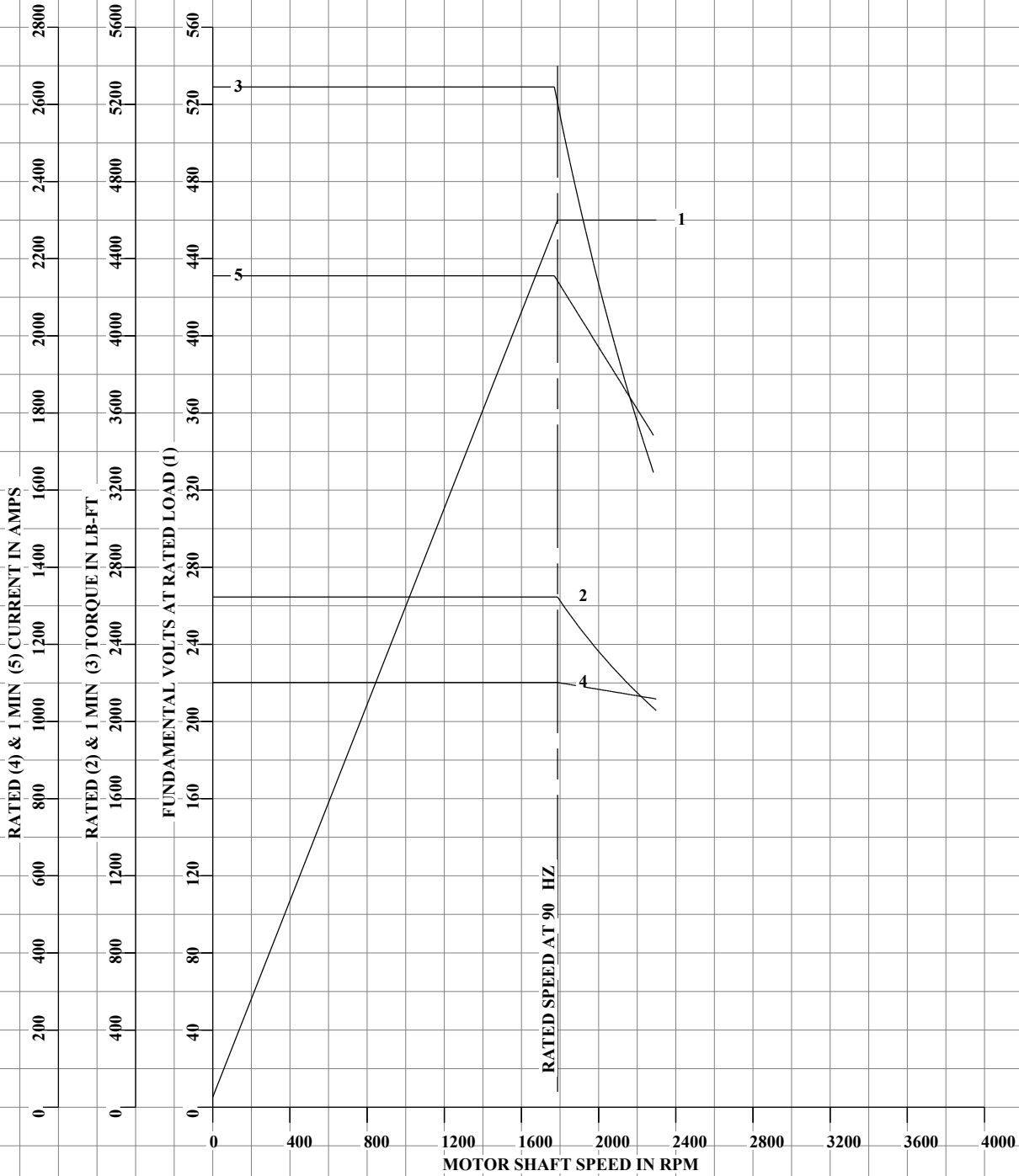
	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	90	454
1/4	1797	225	658	460	90	521
1/2	1794	451	1319	460	90	679
3/4	1791	675	1979	460	90	877
FULL LOAD	1787	900	2645	460	90	1101
0/L	1770	1784	5291	460	90	2156

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>	AC MOTOR PERFORMANCE DATA	L9490A ISSUE DATE 3-20-23
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S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)		
FRAME	RL4461	AMPS	1101	MAX SAFE SPEED	2700			
HP	900	DUTY	CONT	IM (AMPS)	454	R1	.00163	X1 .0257
BASE SPEED	1787	S.F.	1.0	P.F. @NL / FL	.028/.808	R2	.00130	X2 .0386
PHASE/HZ	3/90	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	189			XM .581

VARIABLE SPEED AC MOTOR CURVES



DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



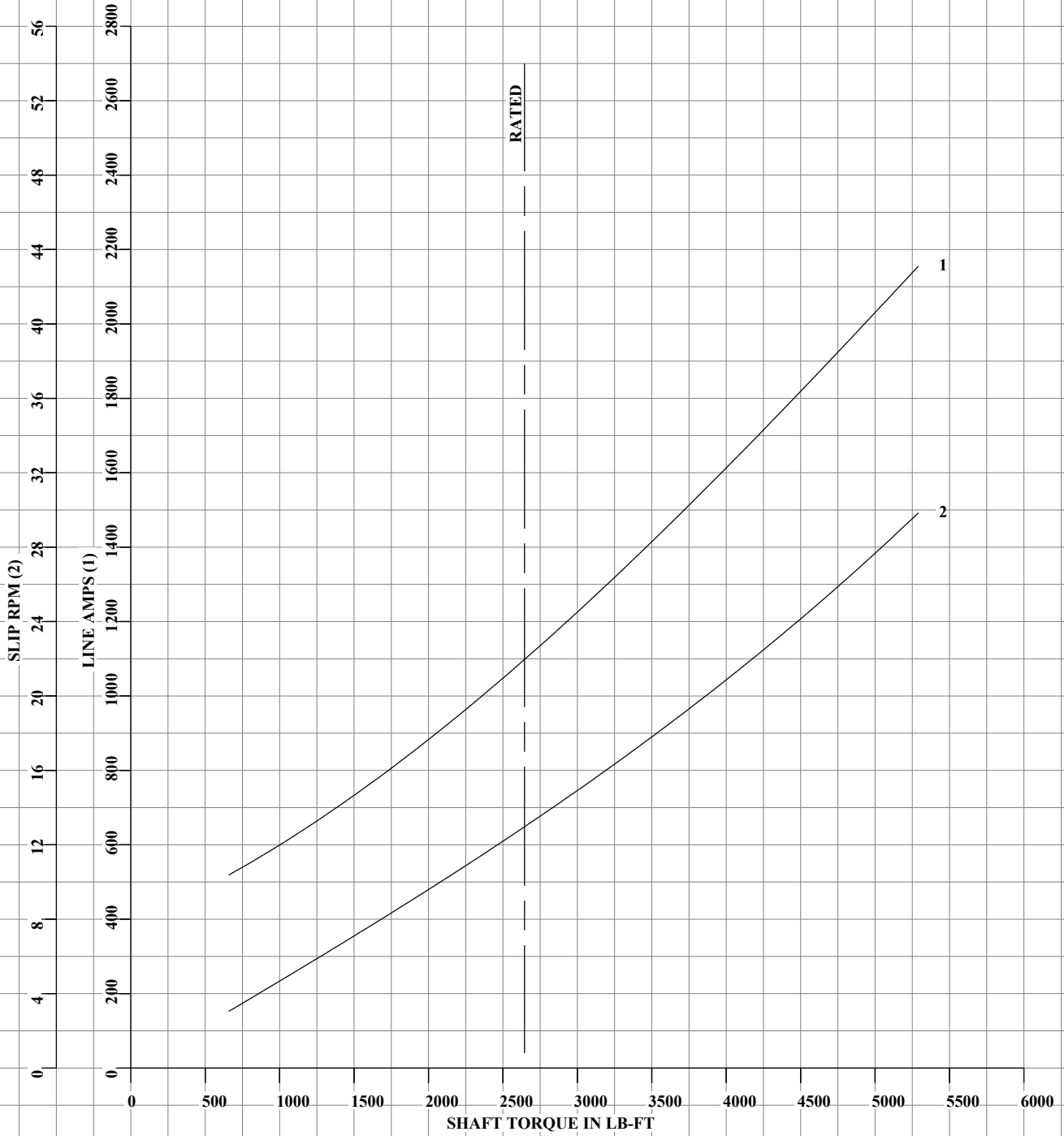
DRAWN BY: A. BROOKINS
 CHECKED BY: R. GARCIA
 APPROVED BY: J. MARTIN
 DATE: 3-20-23

AC MOTOR
 PERFORMANCE
 DATA

L9490A
 ISSUE DATE: 3-20-23

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE		
FRAME	RL4461	AMPS	1101	MAX SAFE SPEED	2700	(AT BASE RATING, 25°C)		
HP	900	DUTY	CONT	IM (AMPS)	454	R1	.00163	X1 .0257
BASE SPEED	1787	S.F.	1.0	P.F. @NL / FL	.028/.808	R2	.00130	X2 .0386
PHASE/HZ	3/90	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	189			XM .581

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

L9490A
 ISSUE DATE: 3-20-23