

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)	
FRAME	RL3614	AMPS	460	MAX SAFE SPEED	3750		
HP	400	DUTY	CONT	IM (AMPS)	146	R1 .00910	X1 .0657
BASE SPEED	1777	S.F.	1.0	P.F. @NL / FL	.039/.877	R2 .00528	X2 .0657
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	45		XM 1.86

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1776	400	1183	460	60	462
MAX SPEED	2700	400	778	460	91.3	455
MIN SPEED	0	0	1183	13.3	.814	462

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	143
1/4	1794	100	294	460	60	183
1/2	1788	200	588	460	60	261
3/4	1782	300	884	460	60	356
FULL LOAD	1776	400	1183	460	60	462
0/L	1741	785	2366	460	60	969

REMARKS:
TYPICAL DATA
CORRELATED DATA



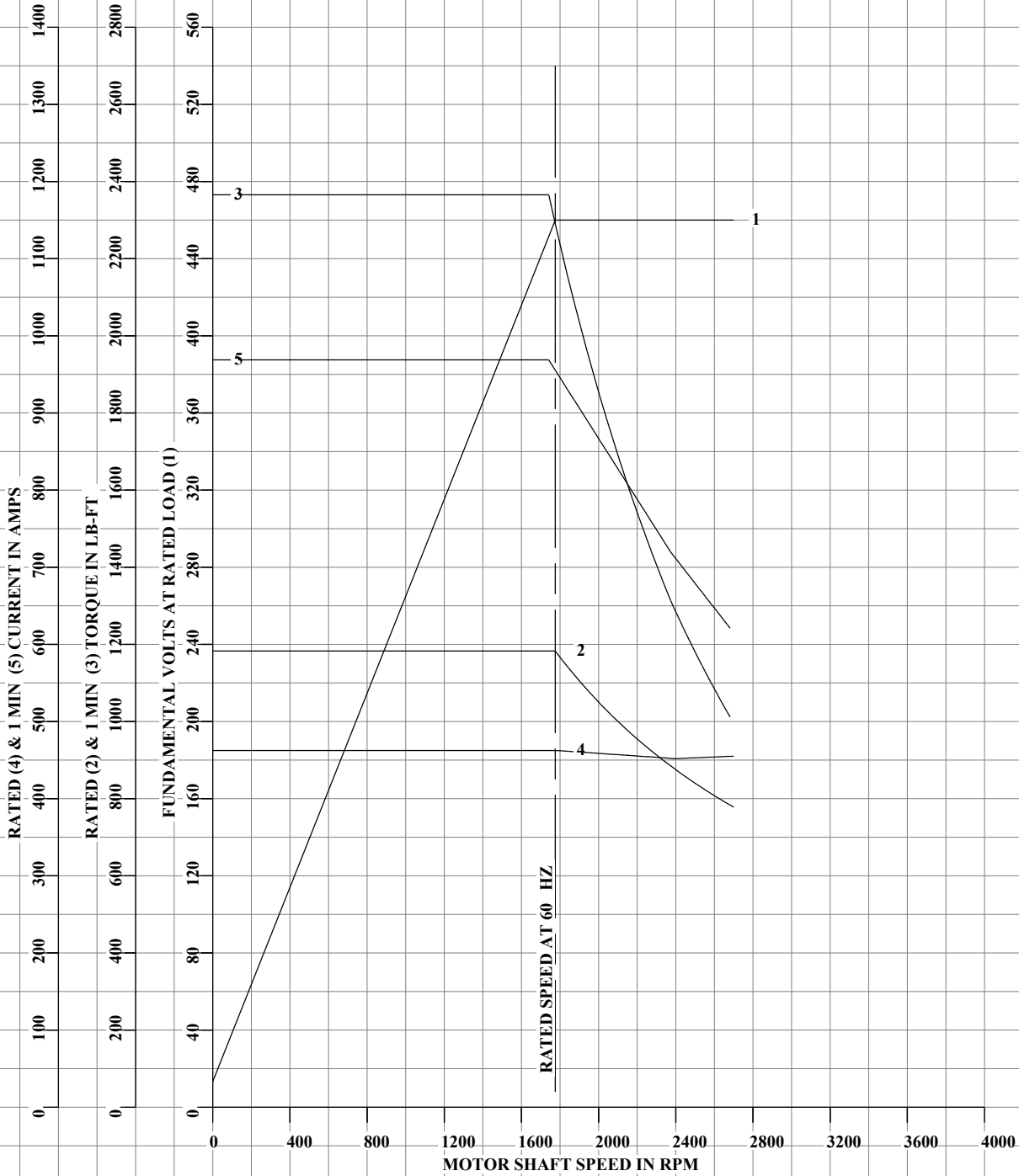
DRAWN BY: A. BROOKINS
CHECKED BY: B. GRANT
APPROVED BY: J. MARTIN
DATE: 3-14-23

AC MOTOR
PERFORMANCE
DATA

L9458A
ISSUE DATE 3-14-23

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE		
FRAME	RL3614	AMPS	460	MAX SAFE SPEED	3750	(AT BASE RATING, 25°C)		
HP	400	DUTY	CONT	IM (AMPS)	146	R1	.00910	X1 .0657
BASE SPEED	1777	S.F.	1.0	P.F. @NL / FL	.039/.877	R2	.00528	X2 .0657
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	45			XM 1.86

**CORRELATED DATA
VARIABLE SPEED AC MOTOR CURVES**



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



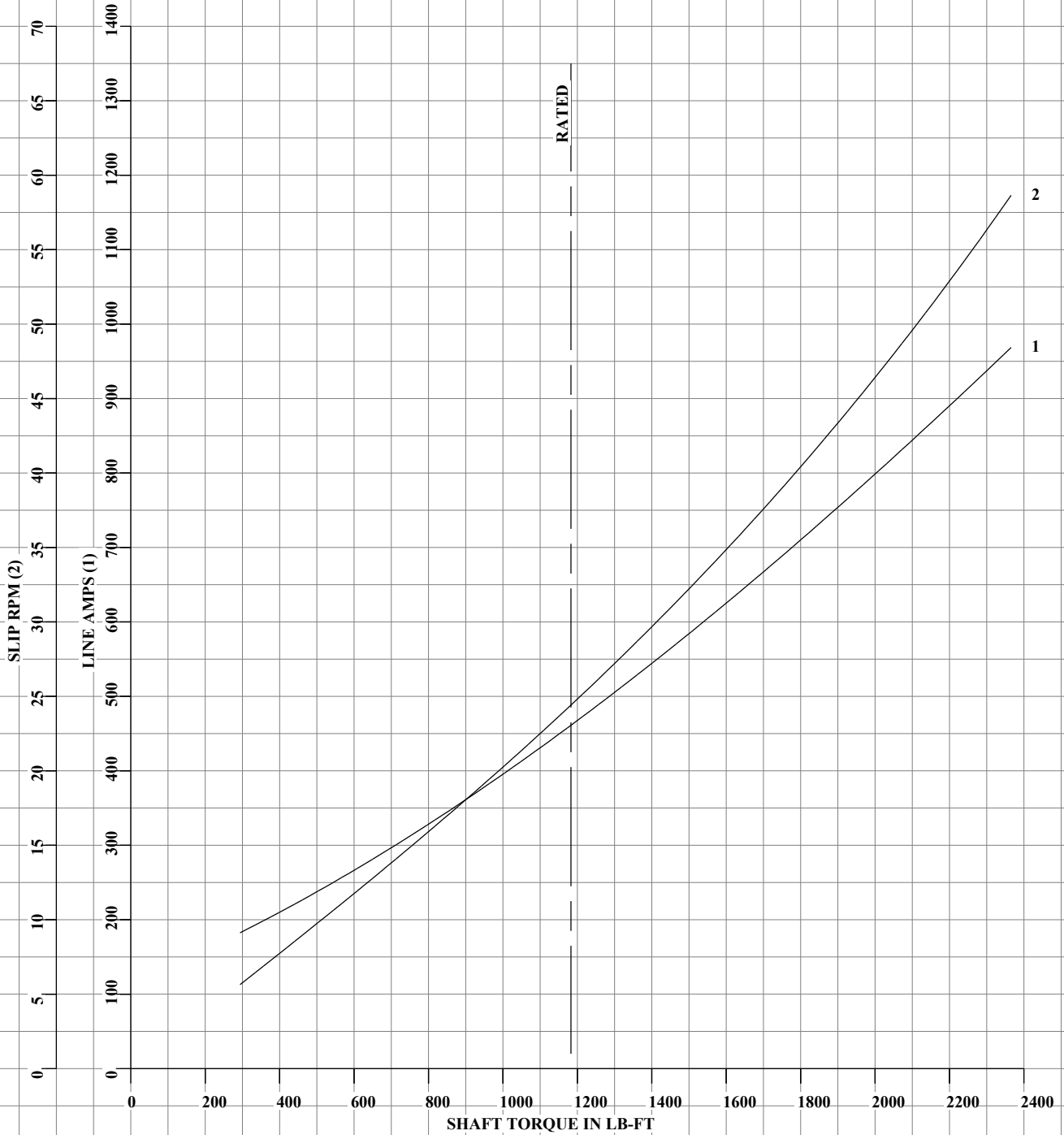
DRAWN BY: A. BROOKINS
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**AC MOTOR
PERFORMANCE
DATA**

L9458A
 ISSUE DATE: 3-14-23

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE		
FRAME	RL3614	AMPS	460	MAX SAFE SPEED	3750	(AT BASE RATING, 25°C)		
HP	400	DUTY	CONT	IM (AMPS)	146	R1	.00910	X1 .0657
BASE SPEED	1777	S.F.	1.0	P.F. @NL / FL	.039/.877	R2	.00528	X2 .0657
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	45			XM 1.86

CORRELATED DATA
LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



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AC MOTOR
PERFORMANCE
DATA

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