

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)	
FRAME	RL3614	AMPS	398	MAX SAFE SPEED	3750		
HP	350	DUTY	CONT	IM (AMPS)	120	R1 .00993	X1 .0734
BASE SPEED	1777	S.F.	1.0	P.F. @NL / FL	.039/.884	R2 .00590	X2 .0759
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	44		XM 2.25

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1776	350	1034	460	60	401
MAX SPEED	2957	350	622	460	100	403
MIN SPEED	0	0	1034	12.6	.789	401

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	117
1/4	1795	87.8	257	460	60	153
1/2	1789	175	514	460	60	223
3/4	1783	262	773	460	60	308
FULL LOAD	1776	350	1034	460	60	401
0/L	1744	687	2069	460	60	839

REMARKS:
TYPICAL DATA
CORRELATED DATA



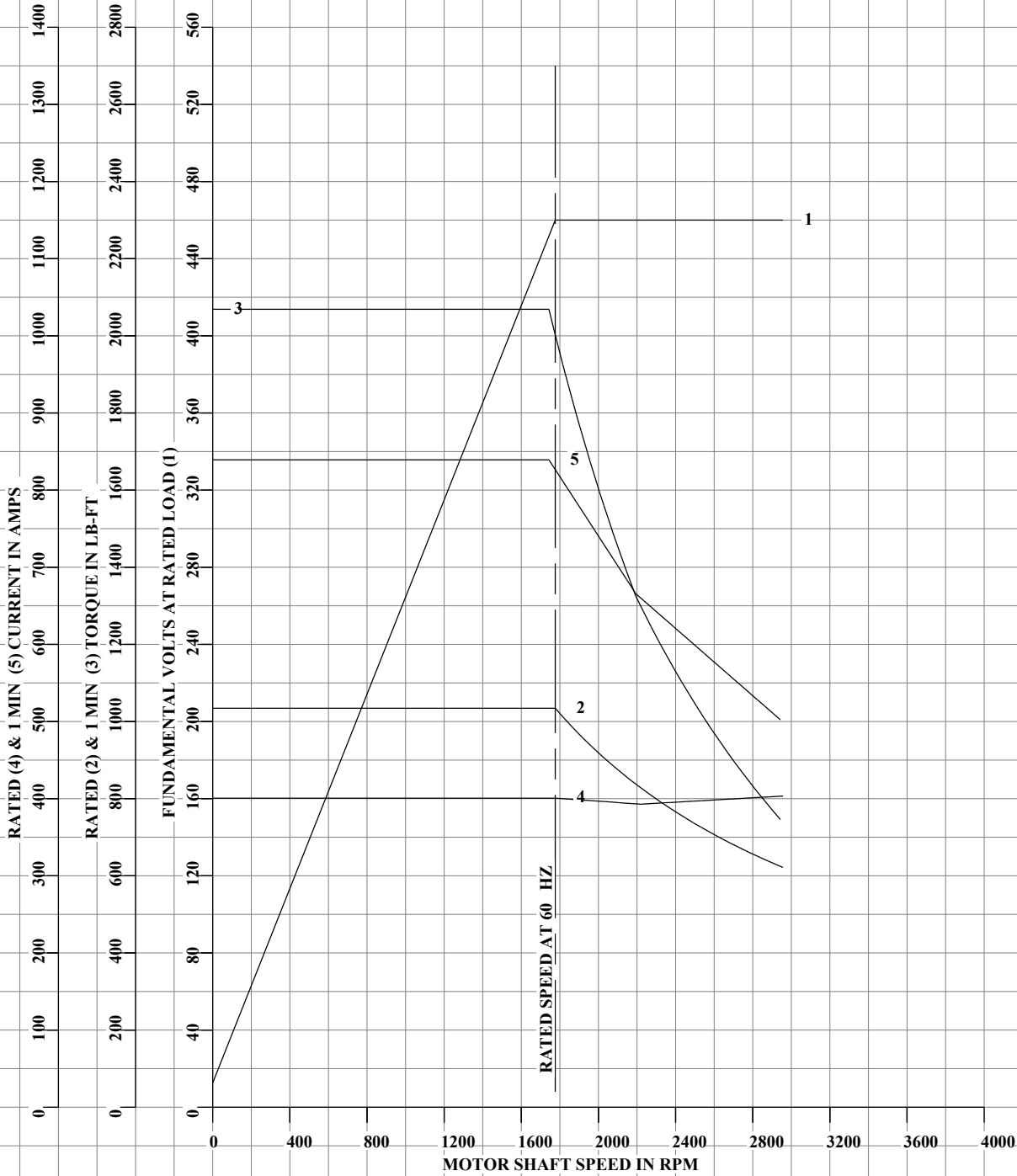
DRAWN BY: A. BROOKINS
CHECKED BY: B. GRANT
APPROVED BY: J. MARTIN
DATE: 3-14-23

AC MOTOR
PERFORMANCE
DATA

L9457A
ISSUE DATE 3-14-23

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE		
FRAME	RL3614	AMPS	398	MAX SAFE SPEED	3750	(AT BASE RATING, 25°C)		
HP	350	DUTY	CONT	IM (AMPS)	120	R1	.00993	X1 .0734
BASE SPEED	1777	S.F.	1.0	P.F. @NL / FL	.039/.884	R2	.00590	X2 .0759
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	44			XM 2.25

**CORRELATED DATA
VARIABLE SPEED AC MOTOR CURVES**



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



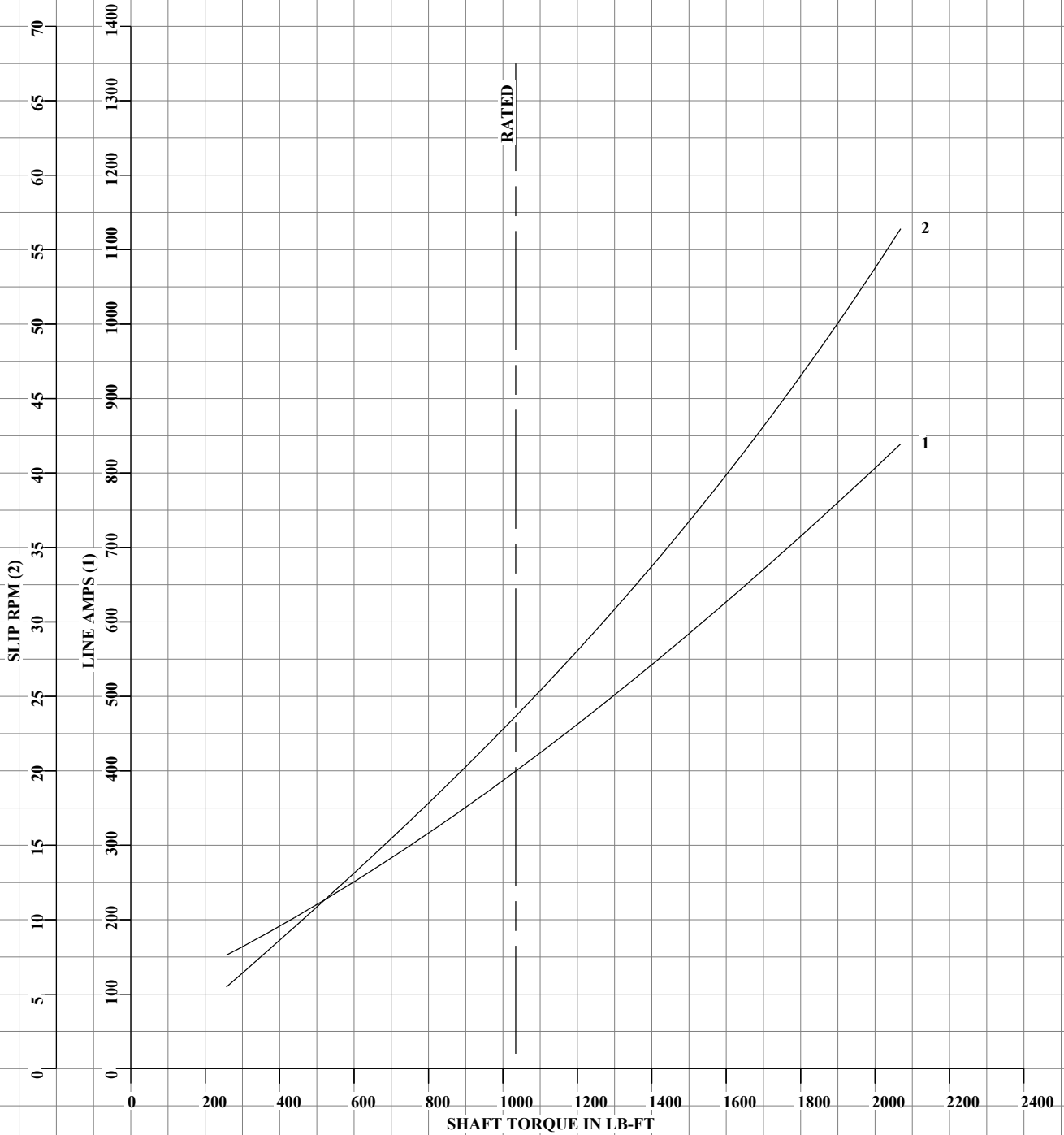
DRAWN BY: A. BROOKINS
 CHECKED BY: B. GRANT
 APPROVED BY: J. MARTIN
 DATE: 3-14-23

**AC MOTOR
PERFORMANCE
DATA**

L9457A
 ISSUE DATE: 3-14-23

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE		
FRAME	RL3614	AMPS	398	MAX SAFE SPEED	3750	(AT BASE RATING, 25°C)		
HP	350	DUTY	CONT	IM (AMPS)	120	R1	.00993	X1 .0734
BASE SPEED	1777	S.F.	1.0	P.F. @NL / FL	.039/.884	R2	.00590	X2 .0759
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	44			XM 2.25

CORRELATED DATA
LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



DRAWN BY: A. BROOKINS
 CHECKED BY: B. GRANT
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AC MOTOR
 PERFORMANCE
 DATA

L9457A
 ISSUE DATE: 3-14-23