

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)		
FRAME	RL5035	AMPS	1574	MAX SAFE SPEED	3000			
HP	1400	DUTY	CONT	IM (AMPS)	393	R1	.00181	X1 .0199
BASE SPEED	1150	S.F.	1.0	P.F. @NL / FL	.022/.884	R2	.00180	X2 .0265
PHASE/HZ	3/38.9	AMB.°C / INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	269			XM .699

**RATED FULL LOAD DATA**

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1150	1401	6397	460	38.9	1575
MAX SPEED	1720	1401	4277	460	58.3	1614
MIN SPEED	0	0	6397	8.02	.575	1575

**LOAD PERFORMANCE AT BASE SPEED**

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1167	0	0	460	38.9	392
1/4	1163	351	1585	460	38.9	538
1/2	1159	701	3178	460	38.9	835
3/4	1155	1050	4775	460	38.9	1189
FULL LOAD	1150	1401	6397	460	38.9	1575
0/L	1135	2281	10556	460	38.9	2700

REMARKS:  
TYPICAL DATA  
TYPICAL DATA



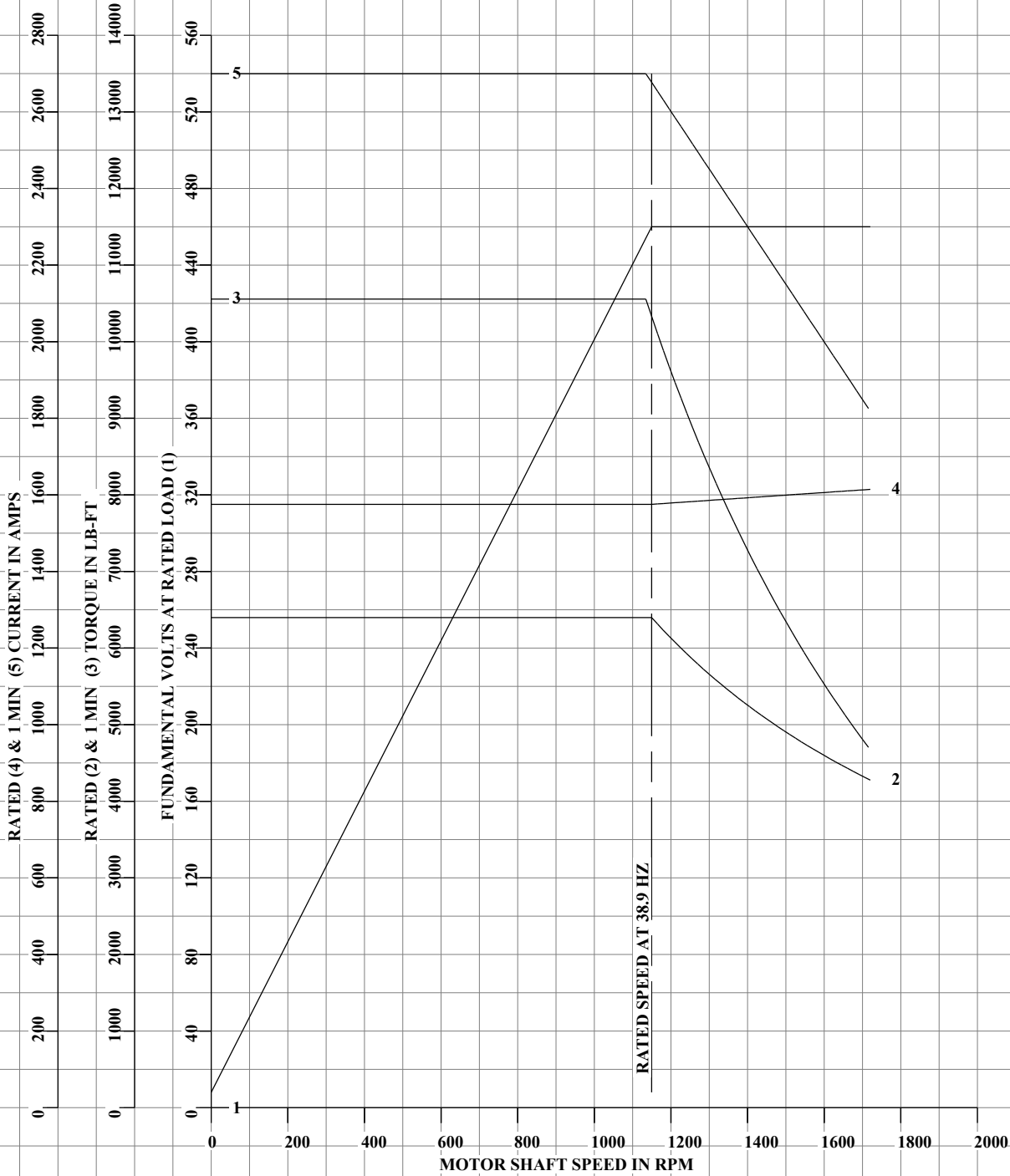
DRAWN BY: C. ETIENNE  
CHECKED BY: C. ETIENNE  
APPROVED BY: J. MARTIN  
DATE: 9/14/21

AC MOTOR  
PERFORMANCE  
DATA

**L9065A**  
ISSUE DATE 9/14/21

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)		
FRAME	RL5035	AMPS	1574	MAX SAFE SPEED	3000			
HP	1400	DUTY	CONT	IM (AMPS)	393	R1	.00181	X1 .0199
BASE SPEED	1150	S.F.	1.0	P.F. @NL / FL	.022/.884	R2	.00180	X2 .0265
PHASE/HZ	3/38.9	AMB.°C / INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	269			XM .699

TYPICAL DATA  
VARIABLE SPEED AC MOTOR CURVES



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



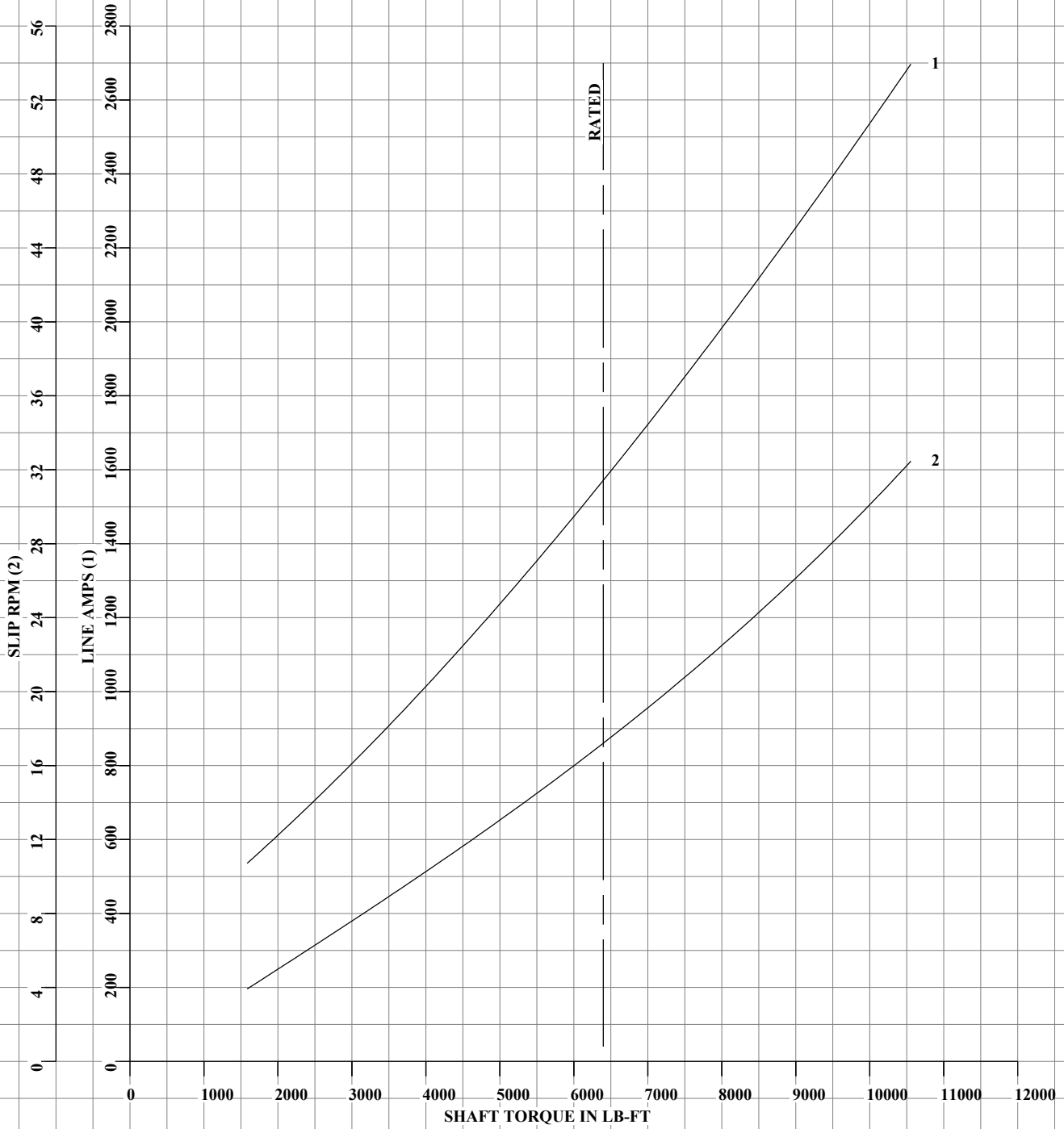
DRAWN BY: C. ETIENNE  
 CHECKED BY: C. ETIENNE  
 APPROVED BY: J. MARTIN  
 DATE: 9/14/21

AC MOTOR  
PERFORMANCE  
DATA

**L9065A**  
ISSUE DATE: 9/14/21

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE		
FRAME	RL5035	AMPS	1574	MAX SAFE SPEED	3000	(AT BASE RATING, 25°C)		
HP	1400	DUTY	CONT	IM (AMPS)	393	R1	.00181	X1 .0199
BASE SPEED	1150	S.F.	1.0	P.F. @NL / FL	.022/.884	R2	.00180	X2 .0265
PHASE/HZ	3/38.9	AMB.°C / INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	269			XM .699

TYPICAL DATA  
LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



DRAWN BY: C. ETIENNE  
 CHECKED BY: C. ETIENNE  
 APPROVED BY: J. MARTIN  
 DATE: 9/14/21

AC MOTOR  
PERFORMANCE  
DATA

**L9065A**  
ISSUE DATE: 9/14/21