

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT PER PHASE (AT BASE RATING, 25°C)	
FRAME	RL4058	AMPS	567	MAX SAFE SPEED	3750		
HP	500	DUTY	CONT	IM (AMPS)	170	R1 .00740	X1 .0473
BASE SPEED	1150	S.F.	1.0	P.F. @NL / FL	.035/.891	R2 .00566	X2 .0519
PHASE/HZ	3/39	AMB.°C / INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	100		XM 1.60

**RATED FULL LOAD DATA**

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1150	500	2284	460	39	567
MAX SPEED	1800	500	1459	460	61.1	557
MIN SPEED	0	0	2284	12.6	.675	567

**LOAD PERFORMANCE AT BASE SPEED**

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1170	0	0	460	39	167
1/4	1165	125	565	460	39	217
1/2	1160	250	1133	460	39	316
3/4	1155	375	1705	460	39	435
FULL LOAD	1150	500	2284	460	39	567
0/L	1123	977	4569	460	39	1177

REMARKS:  
TYPICAL DATA



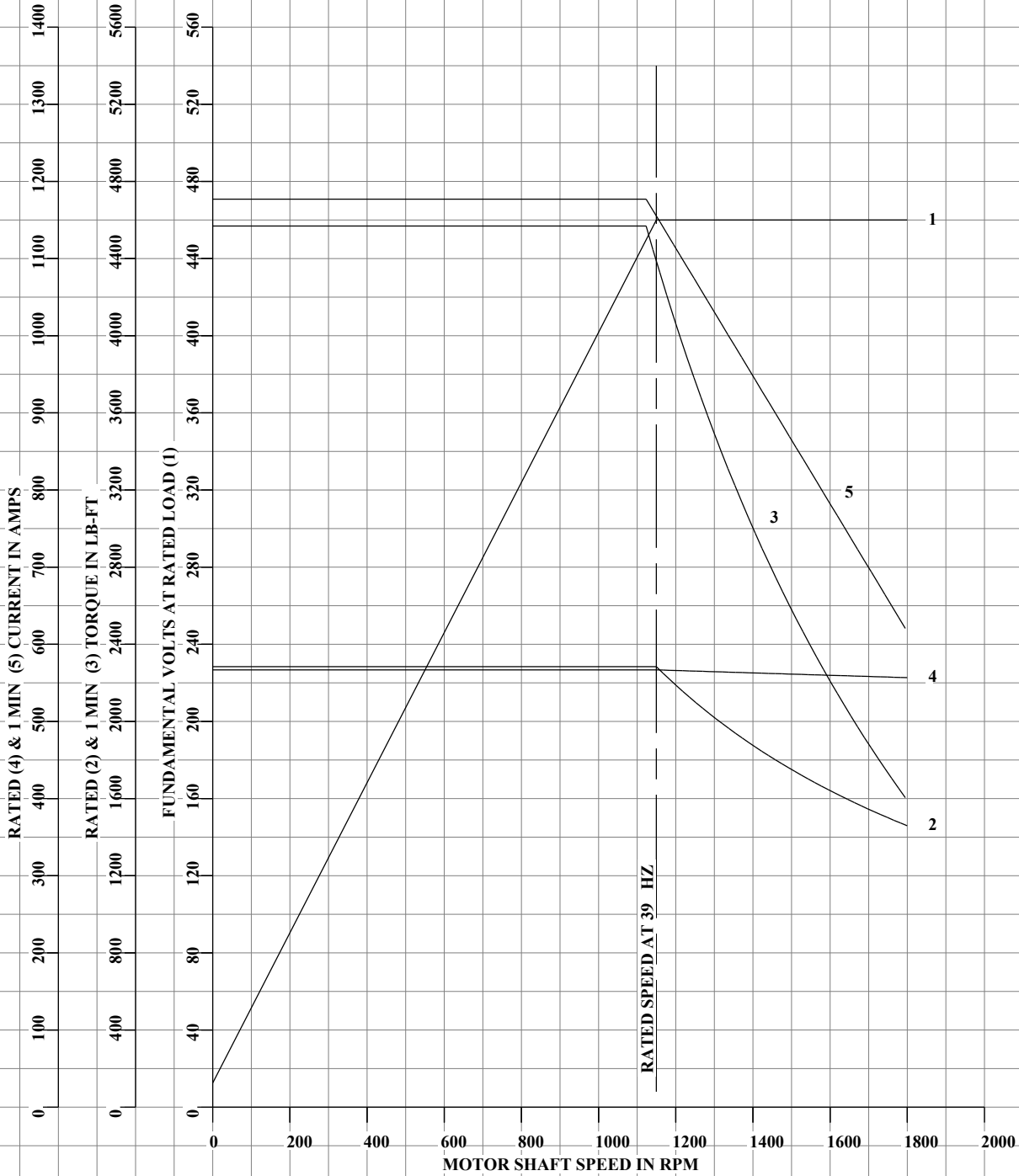
DRAWN BY: C. ETIENNE  
 CHECKED BY: B. GRANT  
 APPROVED BY: J. MARTIN  
 DATE: 5-17-18

AC MOTOR  
PERFORMANCE  
DATA

**L8012A**  
ISSUE DATE 5-17-18

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT PER PHASE (AT BASE RATING, 25°C)		
FRAME	RL4058	AMPS	567	MAX SAFE SPEED	3750			
HP	500	DUTY	CONT	IM (AMPS)	170	R1	.00740	X1 .0473
BASE SPEED	1150	S.F.	1.0	P.F. @NL / FL	.035/.891	R2	.00566	X2 .0519
PHASE/HZ	3/39	AMB.°C / INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	100			XM 1.60

VARIABLE SPEED AC MOTOR CURVES



TYPICAL DATA  
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



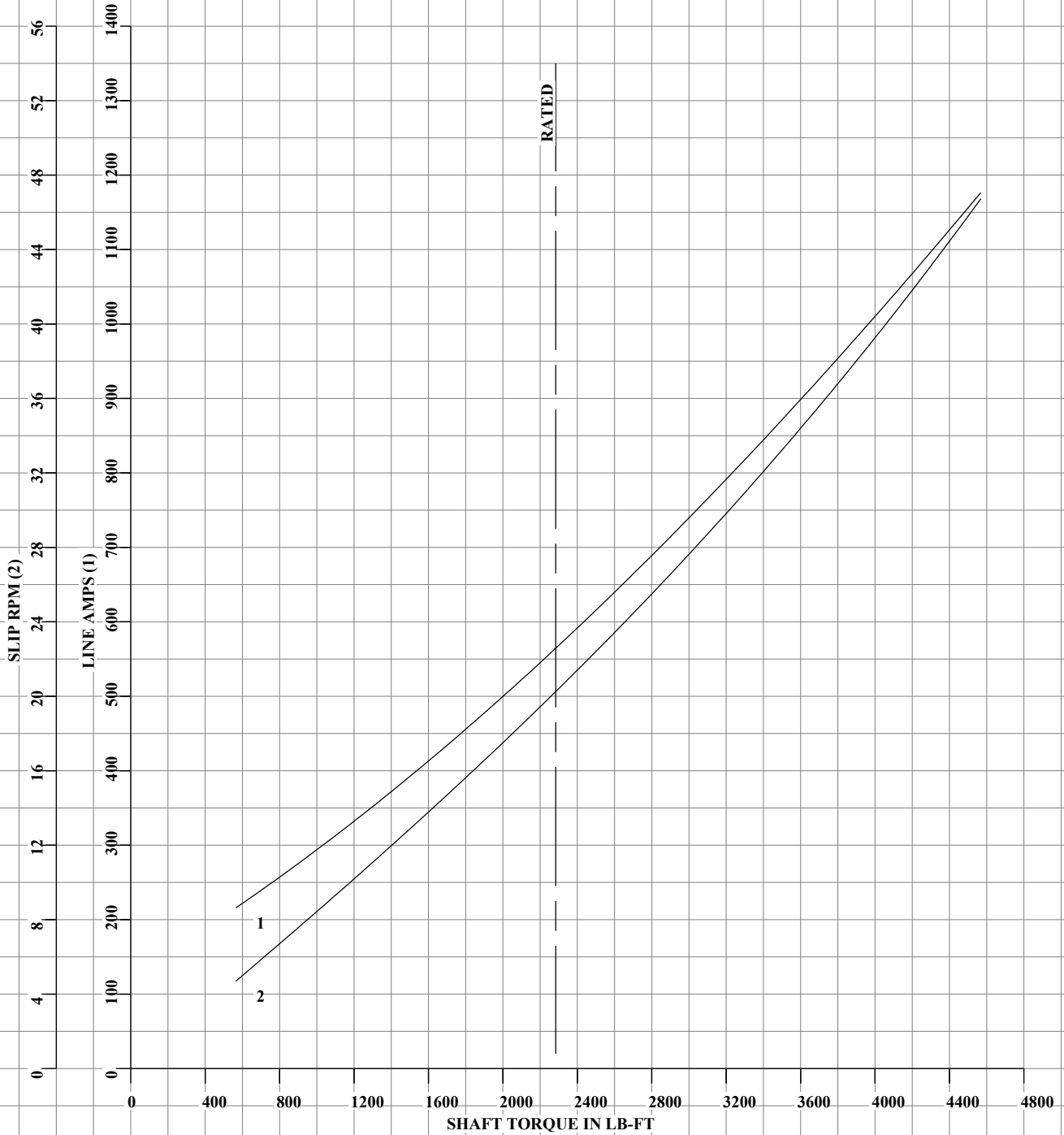
DRAWN BY: C. ETIENNE  
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AC MOTOR  
PERFORMANCE  
DATA

**L8012A**  
ISSUE DATE: 5-17-18

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT PER PHASE (AT BASE RATING, 25°C)	
FRAME	RL4058	AMPS	567	MAX SAFE SPEED	3750		
HP	500	DUTY	CONT	IM (AMPS)	170	R1 .00740	X1 .0473
BASE SPEED	1150	S.F.	1.0	P.F. @NL / FL	.035/.891	R2 .00566	X2 .0519
PHASE/HZ	3/39	AMB.°C / INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	100		XM 1.60

LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



TYPICAL DATA  
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



DRAWN BY: C. ETIENNE  
 CHECKED BY: B. GRANT  
 APPROVED BY: J. MARTIN  
 DATE: 5-17-18

AC MOTOR  
PERFORMANCE  
DATA

**L8012A**  
ISSUE DATE: 5-17-18