

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)	
FRAME	RL5030	AMPS	1686	MAX SAFE SPEED	3000		
HP	1500	DUTY	CONT	IM (AMPS)	503	R1	.00099 X1 .0161
BASE SPEED	1786	S.F.	1.0	P.F. @NL / FL	.022/.874	R2	.00094 X2 .0221
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	225		XM .536

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1786	1501	4413	460	60	1686
MAX SPEED	2600	1501	3030	460	87.4	1670
MIN SPEED	0	0	4413	4.63	.478	1686

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	503
1/4	1797	375	1097	460	60	640
1/2	1793	751	2200	460	60	934
3/4	1790	1125	3301	460	60	1291
FULL LOAD	1786	1500	4413	460	60	1686
0/L	1767	2941	8738	460	60	3423

REMARKS:
TYPICAL DATA
TYPICAL DATA



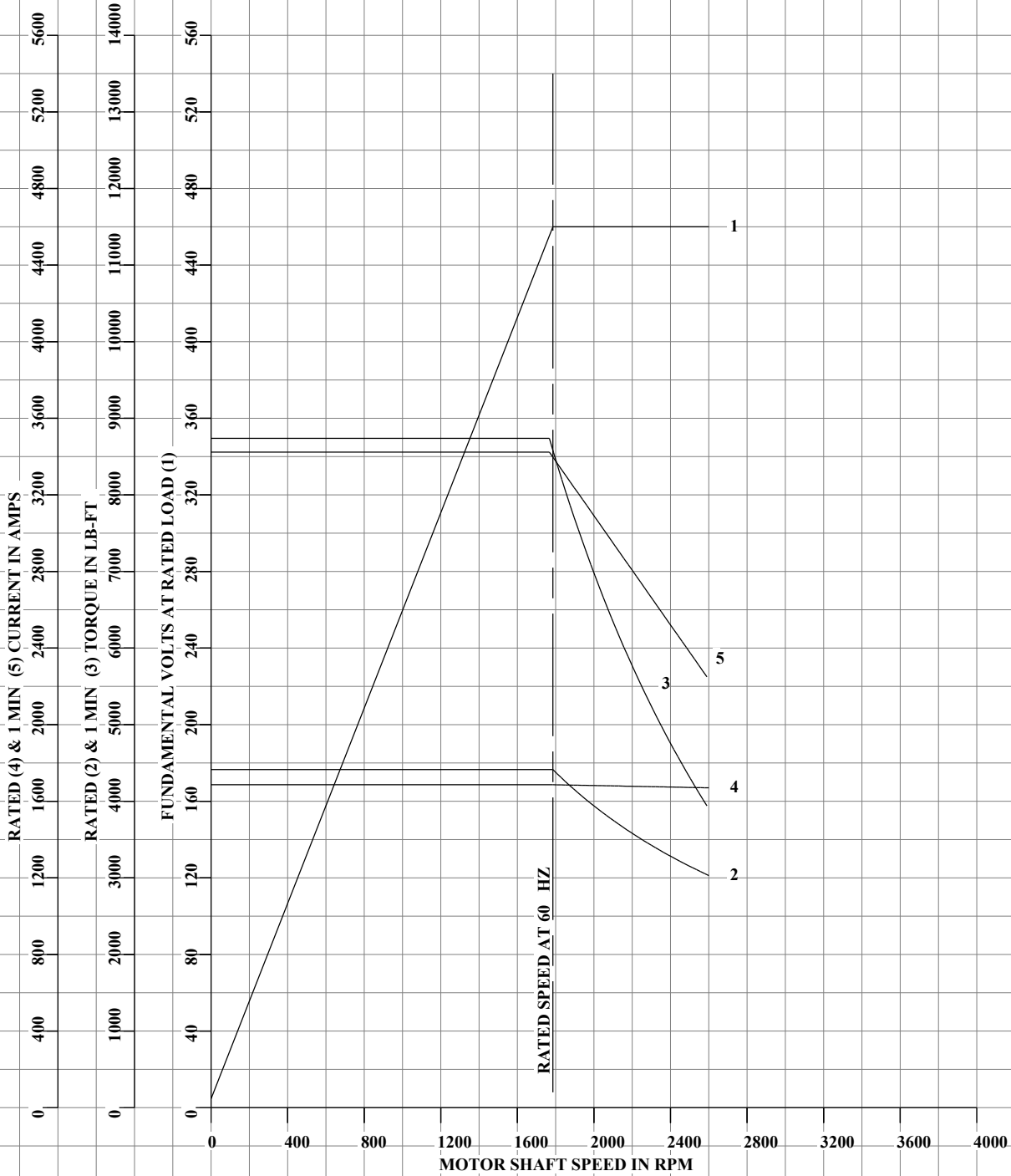
DRAWN BY: C. ETIENNE
CHECKED BY: C. ETIENNE
APPROVED BY: J. MARTIN
DATE: 10/4/21

AC MOTOR
PERFORMANCE
DATA

L9084A
ISSUE DATE 10/4/21

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)		
FRAME	RL5030	AMPS	1686	MAX SAFE SPEED	3000			
HP	1500	DUTY	CONT	IM (AMPS)	503	R1	.00099	X1 .0161
BASE SPEED	1786	S.F.	1.0	P.F. @NL / FL	.022/.874	R2	.00094	X2 .0221
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	225			XM .536

TYPICAL DATA
VARIABLE SPEED AC MOTOR CURVES



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



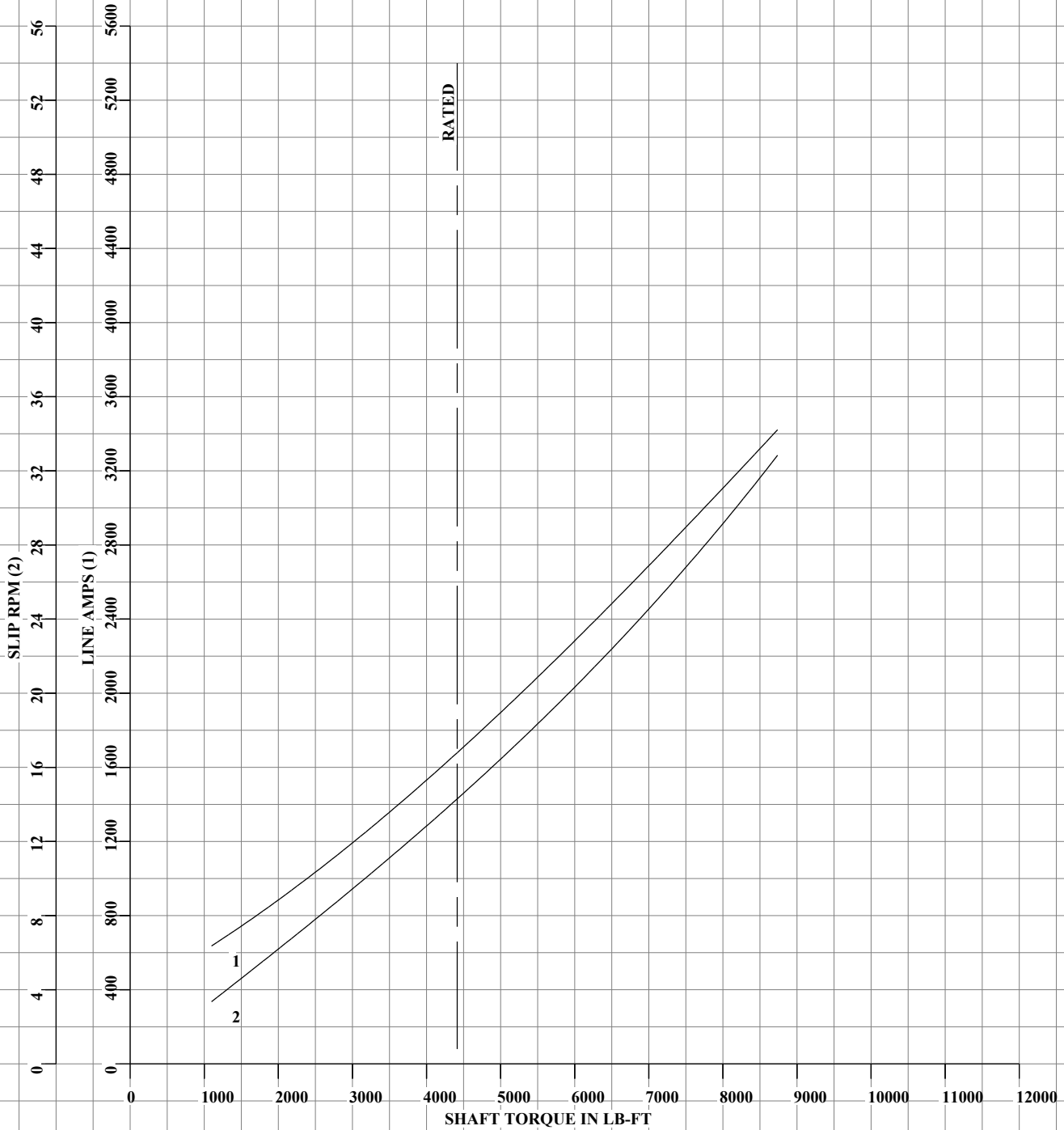
DRAWN BY: C. ETIENNE
 CHECKED BY: C. ETIENNE
 APPROVED BY: J. MARTIN
 DATE: 10/4/21

AC MOTOR
PERFORMANCE
DATA

L9084A
ISSUE DATE: 10/4/21

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE		
FRAME	RL5030	AMPS	1686	MAX SAFE SPEED	3000	(AT BASE RATING, 25°C)		
HP	1500	DUTY	CONT	IM (AMPS)	503	R1	.00099	X1 .0161
BASE SPEED	1786	S.F.	1.0	P.F. @NL / FL	.022/.874	R2	.00094	X2 .0221
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	225			XM .536

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: 10/4/21

AC MOTOR
PERFORMANCE
DATA

L9084A
ISSUE DATE: 10/4/21