

S/O	-	VOLTS	600	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)	
FRAME	RL5035	AMPS	1512	MAX SAFE SPEED	3000		
HP	1750	DUTY	CONT	IM (AMPS)	488	R1 .00124	X1 .0213
BASE SPEED	1787	S.F.	1.0	P.F. @NL / FL	.022/.870	R2 .00125	X2 .0305
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	269		XM .720

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1787	1751	5144	600	60	1482
MAX SPEED	2599	1752	3538	600	87.3	1449
MIN SPEED	0	0	5144	5.10	.433	1482

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	600	60	479
1/4	1797	438	1279	600	60	591
1/2	1794	876	2566	600	60	839
3/4	1791	1312	3849	600	60	1144
FULL LOAD	1787	1750	5144	600	60	1482
0/L	1767	3758	11163	600	60	3255

REMARKS:
TYPICAL DATA
TYPICAL DATA



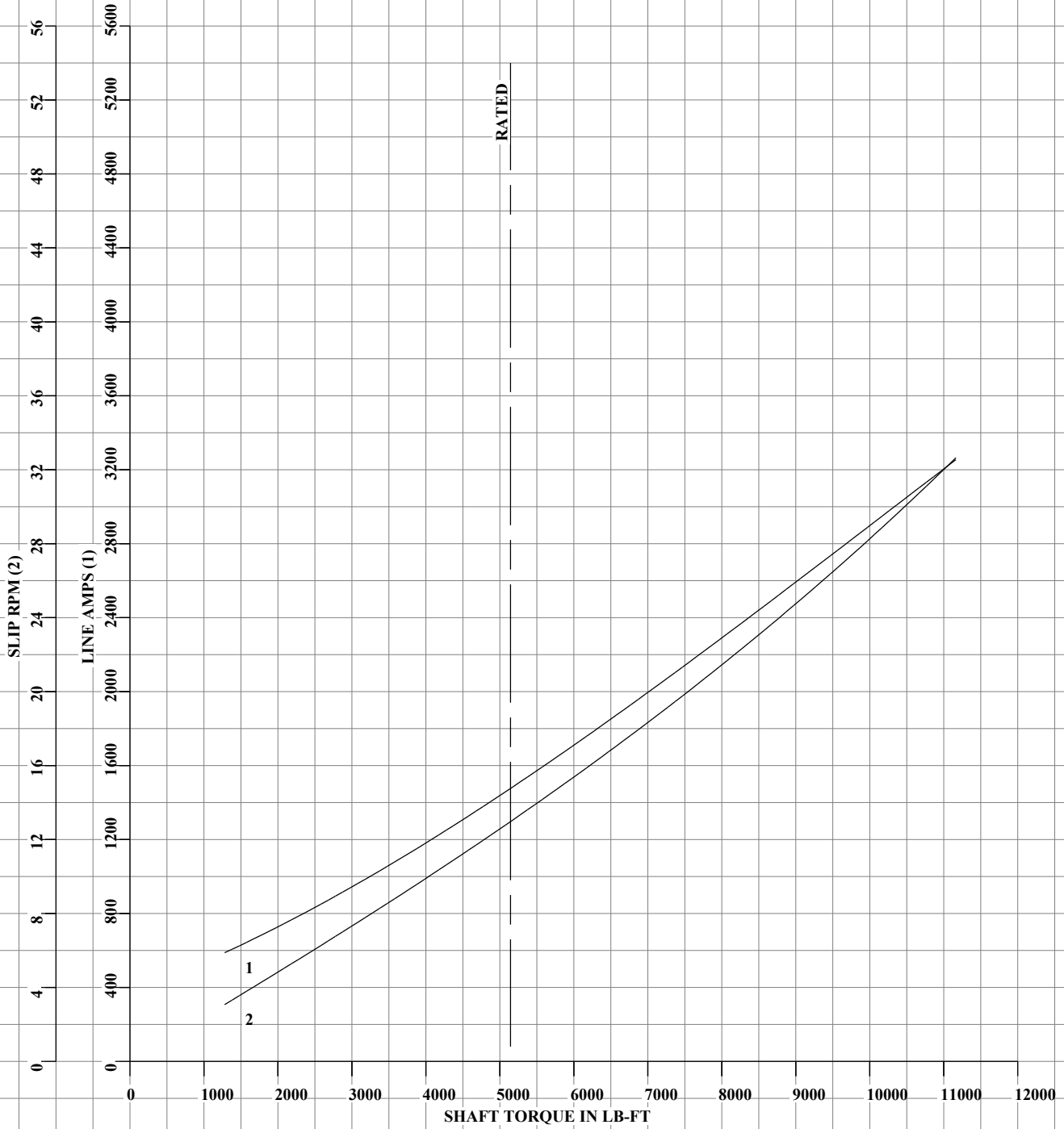
DRAWN BY: C. ETIENNE
CHECKED BY: C. ETIENNE
APPROVED BY: J. MARTIN
DATE: 10/13/21

AC MOTOR
PERFORMANCE
DATA

L9097A
ISSUE DATE 10/13/21

S/O	-	VOLTS	600	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE		
FRAME	RL5035	AMPS	1512	MAX SAFE SPEED	3000	(AT BASE RATING, 25°C)		
HP	1750	DUTY	CONT	IM (AMPS)	488	R1	.00124	X1 .0213
BASE SPEED	1787	S.F.	1.0	P.F. @NL / FL	.022/.870	R2	.00125	X2 .0305
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	269			XM .720

TYPICAL DATA
LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



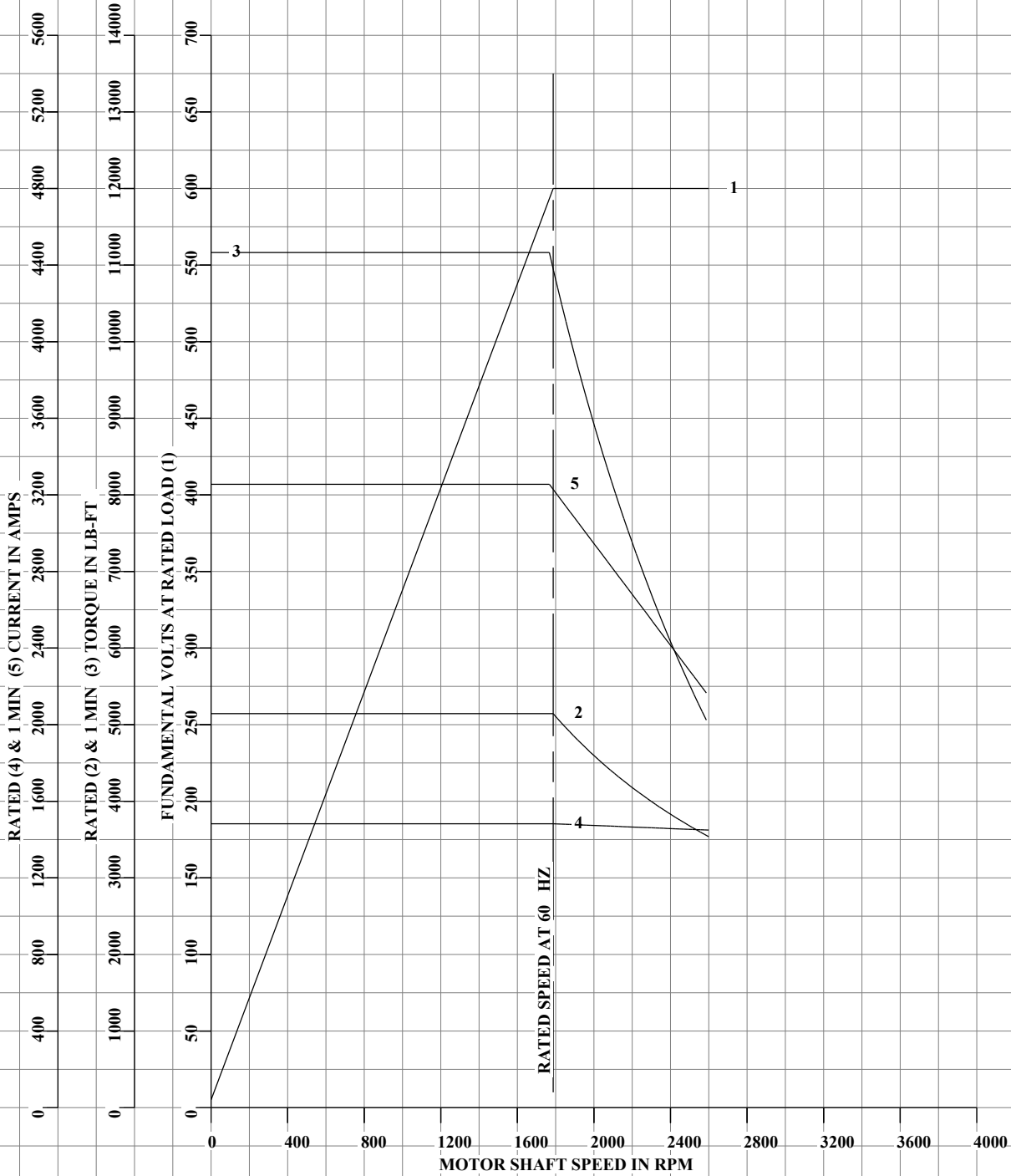
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 CHECKED BY: C. ETIENNE
 APPROVED BY: J. MARTIN
 DATE: 10/13/21

AC MOTOR
PERFORMANCE
DATA

L9097A
ISSUE DATE: 10/13/21

S/O	-	VOLTS	600	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)		
FRAME	RL5035	AMPS	1512	MAX SAFE SPEED	3000			
HP	1750	DUTY	CONT	IM (AMPS)	488	R1	.00124	X1 .0213
BASE SPEED	1787	S.F.	1.0	P.F. @NL / FL	.022/.870	R2	.00125	X2 .0305
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	269			XM .720

TYPICAL DATA
VARIABLE SPEED AC MOTOR CURVES



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



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 APPROVED BY: J. MARTIN
 DATE: 10/13/21

AC MOTOR
PERFORMANCE
DATA

L9097A
ISSUE DATE: 10/13/21