

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)	
FRAME	RL5020	AMPS	927	MAX SAFE SPEED	3000		
HP	800	DUTY	CONT	IM (AMPS)	278	R1	.00367 X1 .0362
BASE SPEED	1150	S.F.	1.0	P.F. @NL / FL	.024/.864	R2	.00312 X2 .0416
PHASE/HZ	3/38.9	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	153		XM .971

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1150	801	3656	460	38.9	927
MAX SPEED	1726	801	2435	460	58.5	927
MIN SPEED	0	0	3656	9.53	.580	927

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1167	0	0	460	38.9	278
1/4	1163	201	906	460	38.9	351
1/2	1159	400	1812	460	38.9	509
3/4	1154	600	2729	460	38.9	707
FULL LOAD	1150	800	3656	460	38.9	927
0/L	1134	1311	6069	460	38.9	1579

REMARKS:
TYPICAL DATA
TYPICAL DATA



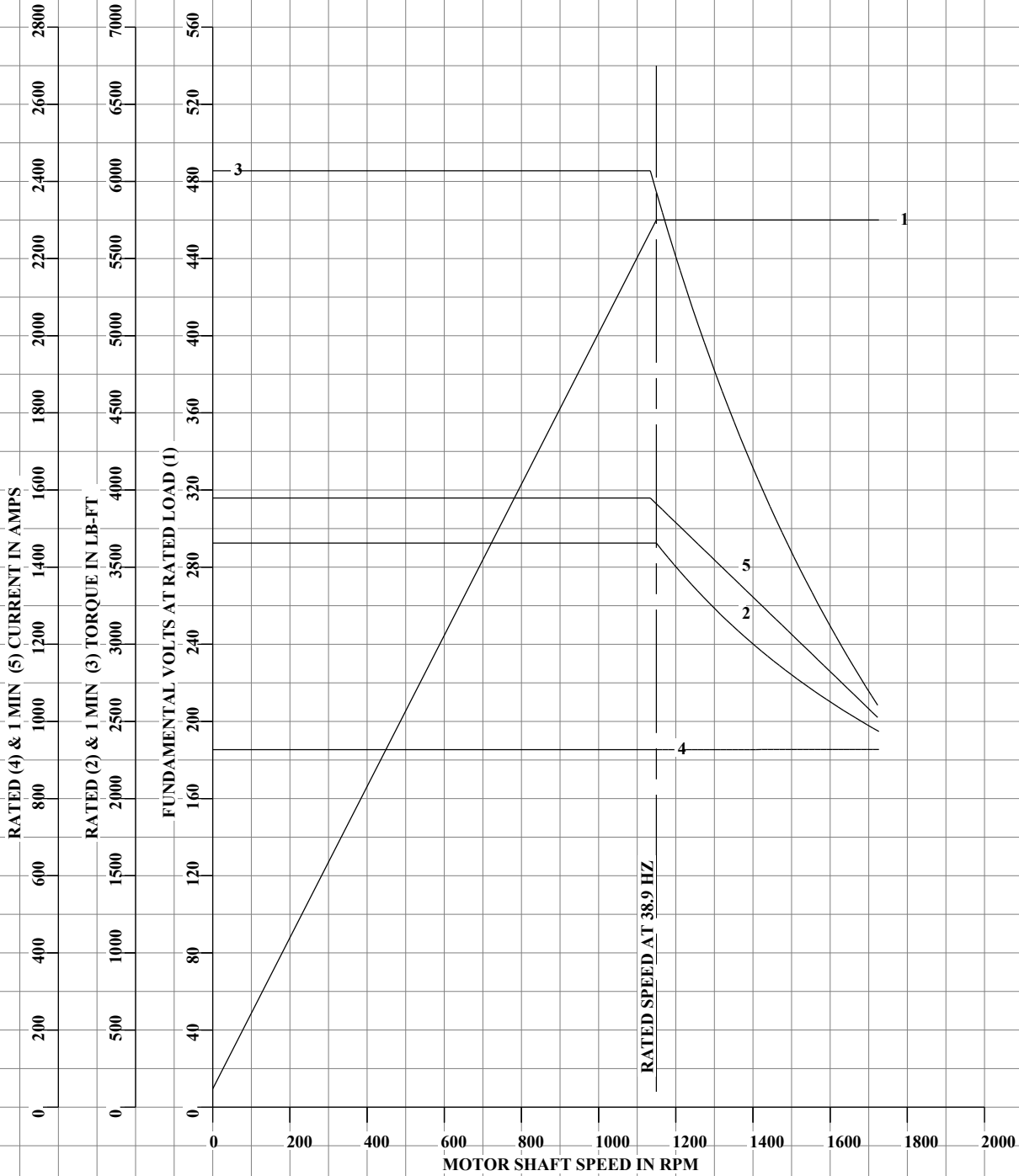
DRAWN BY: C. ETIENNE
CHECKED BY: C. ETIENNE
APPROVED BY: J. MARTIN
DATE: 9/28/21

AC MOTOR
PERFORMANCE
DATA

L9080A
ISSUE DATE 9/28/21

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)		
FRAME	RL5020	AMPS	927	MAX SAFE SPEED	3000			
HP	800	DUTY	CONT	IM (AMPS)	278	R1	.00367	X1 .0362
BASE SPEED	1150	S.F.	1.0	P.F. @NL / FL	.024/.864	R2	.00312	X2 .0416
PHASE/HZ	3/38.9	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	153			XM .971

TYPICAL DATA
VARIABLE SPEED AC MOTOR CURVES



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



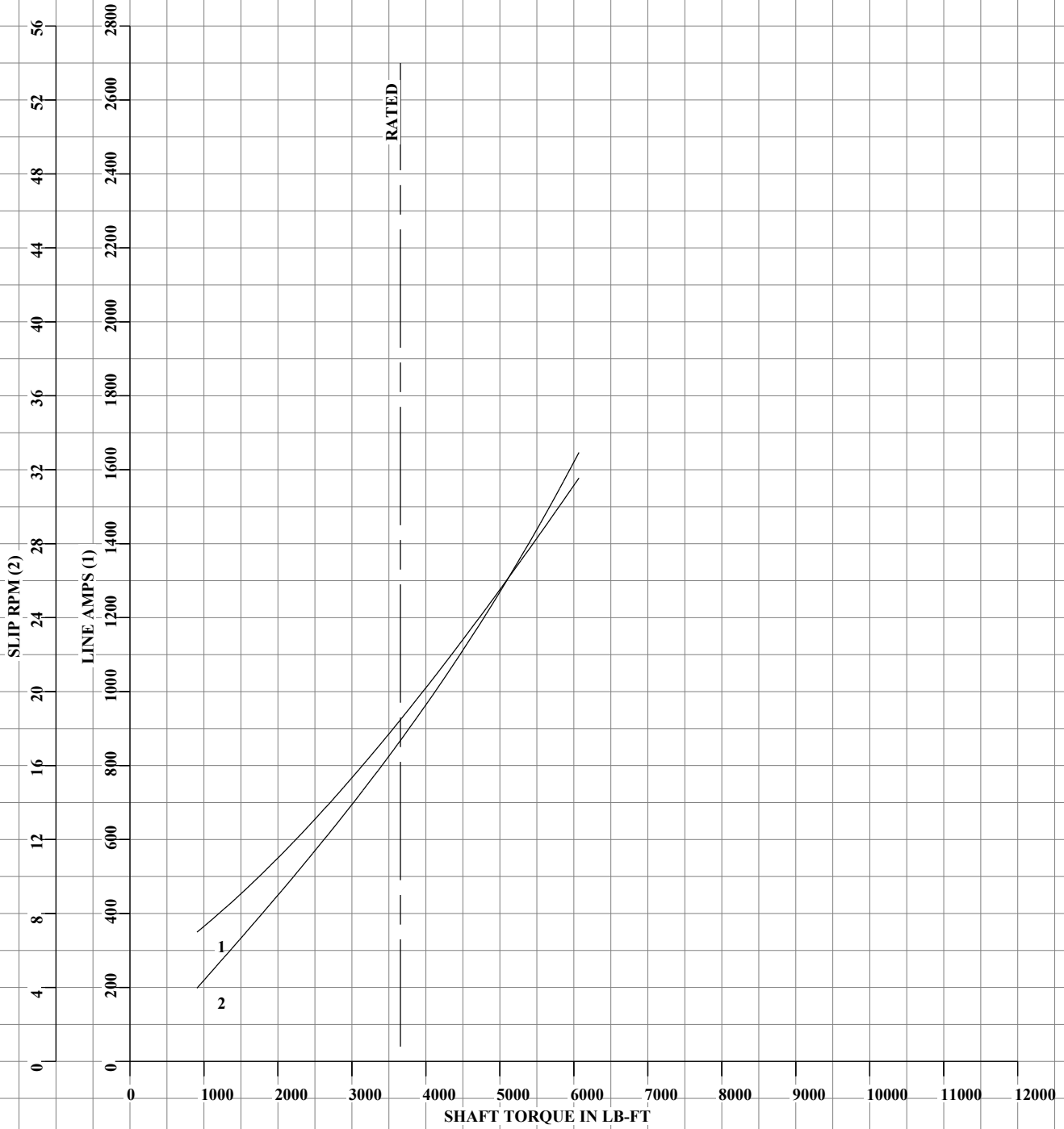
DRAWN BY: C. ETIENNE
 CHECKED BY: C. ETIENNE
 APPROVED BY: J. MARTIN
 DATE: 9/28/21

AC MOTOR
PERFORMANCE
DATA

L9080A
ISSUE DATE: 9/28/21

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE		
FRAME	RL5020	AMPS	927	MAX SAFE SPEED	3000	(AT BASE RATING, 25°C)		
HP	800	DUTY	CONT	IM (AMPS)	278	R1	.00367	X1 .0362
BASE SPEED	1150	S.F.	1.0	P.F. @NL / FL	.024/.864	R2	.00312	X2 .0416
PHASE/HZ	3/38.9	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	153			XM .971

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: 9/28/21

AC MOTOR
PERFORMANCE
DATA

L9080A
ISSUE DATE: 9/28/21