

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)	
FRAME	RL5024	AMPS	1403	MAX SAFE SPEED	3000		
HP	1250	DUTY	CONT	IM (AMPS)	362	R1	.00141 X1 .0227
BASE SPEED	1783	S.F.	1.0	P.F. @NL / FL	.025/.879	R2	.00129 X2 .0286
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	182		XM .741

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1783	1251	3683	460	60	1403
MAX SPEED	2601	1250	2523	460	87.6	1421
MIN SPEED	0	0	3683	5.53	.562	1403

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	361
1/4	1796	313	915	460	60	489
1/2	1792	626	1834	460	60	752
3/4	1788	937	2753	460	60	1062
FULL LOAD	1783	1250	3683	460	60	1403
0/L	1767	2120	6298	460	60	2480

REMARKS:
TYPICAL DATA
TYPICAL DATA



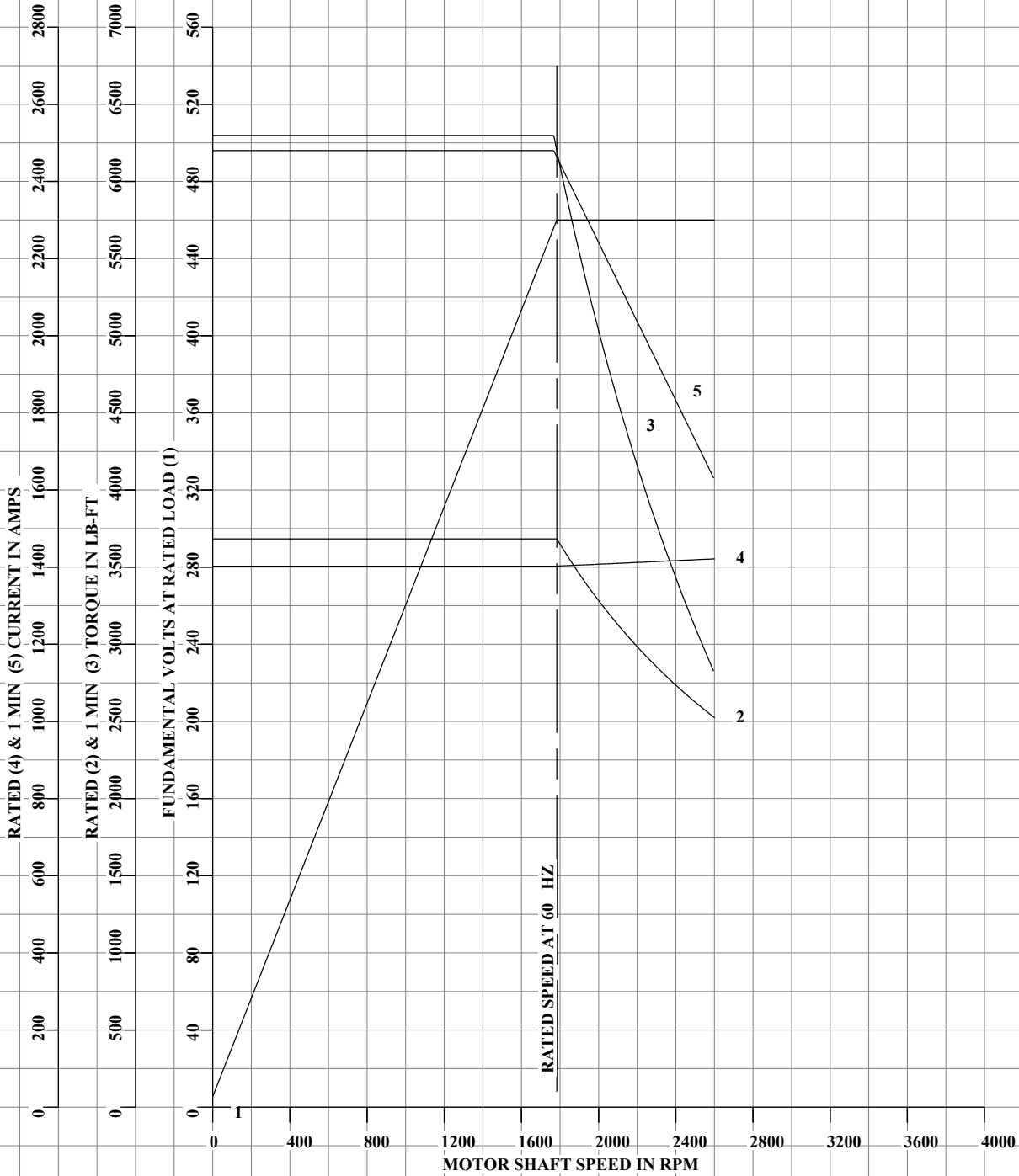
DRAWN BY: C. ETIENNE
CHECKED BY: C. ETIENNE
APPROVED BY: J. MARTIN
DATE: 10/1/21

AC MOTOR
PERFORMANCE
DATA

L9085A
ISSUE DATE 10/1/21

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)		
FRAME	RL5024	AMPS	1403	MAX SAFE SPEED	3000			
HP	1250	DUTY	CONT	IM (AMPS)	362	R1	.00141	X1 .0227
BASE SPEED	1783	S.F.	1.0	P.F. @NL / FL	.025/.879	R2	.00129	X2 .0286
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	182			XM .741

TYPICAL DATA
VARIABLE SPEED AC MOTOR CURVES



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



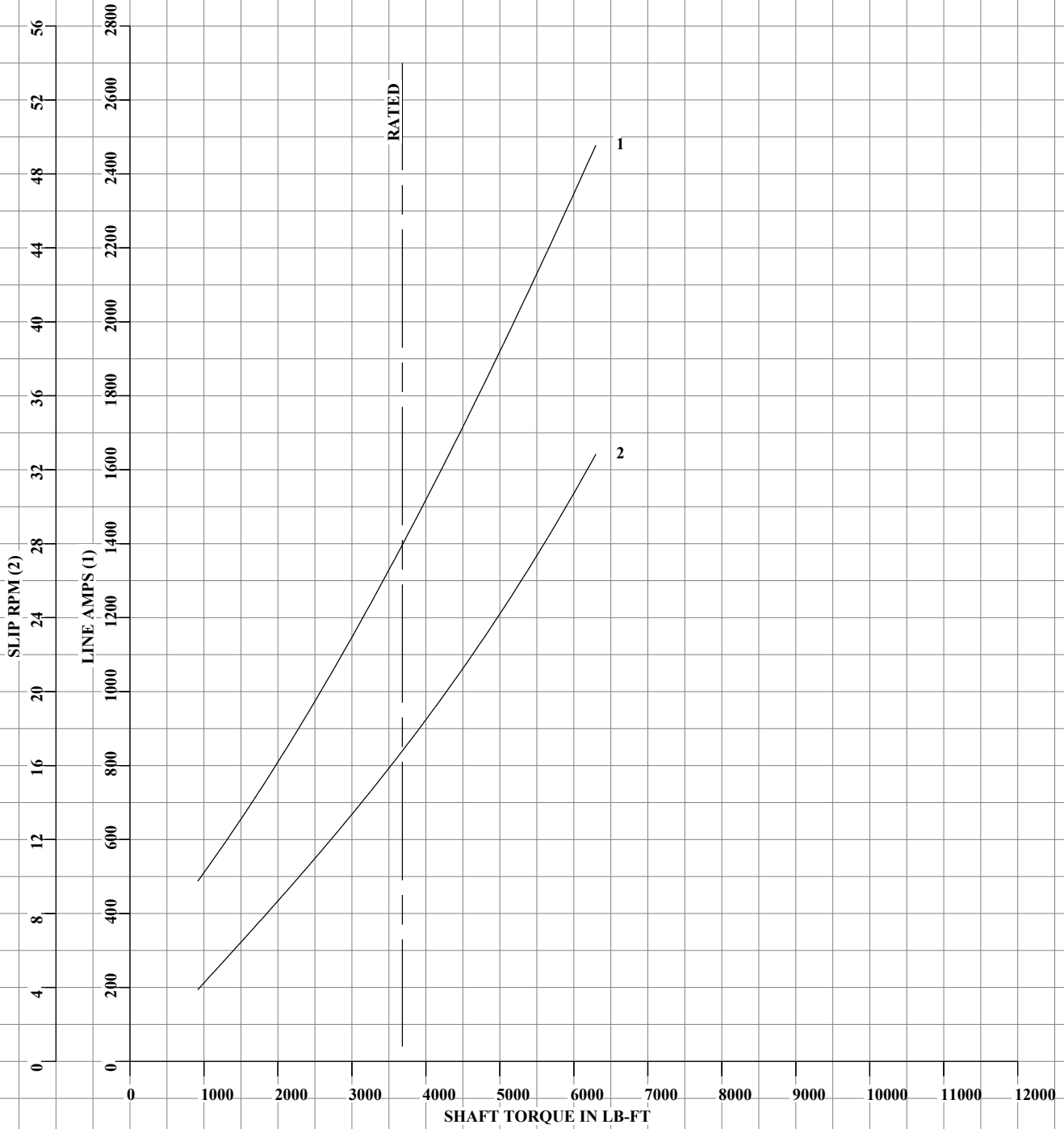
DRAWN BY: C. ETIENNE
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 APPROVED BY: J. MARTIN
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AC MOTOR
PERFORMANCE
DATA

L9085A
ISSUE DATE: 10/1/21

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE		
FRAME	RL5024	AMPS	1403	MAX SAFE SPEED	3000	(AT BASE RATING, 25°C)		
HP	1250	DUTY	CONT	IM (AMPS)	362	R1	.00141	X1 .0227
BASE SPEED	1783	S.F.	1.0	P.F. @NL / FL	.025/.879	R2	.00129	X2 .0286
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	182			XM .741

TYPICAL DATA
LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



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AC MOTOR
PERFORMANCE
DATA

L9085A
ISSUE DATE: 10/1/21