

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)	
FRAME	RL5024	AMPS	1152	MAX SAFE SPEED	3000		
HP	1000	DUTY	CONT	IM (AMPS)	334	R1 .00273	X1 .0285
BASE SPEED	1150	S.F.	1.0	P.F. @NL / FL	.023/.868	R2 .00249	X2 .0342
PHASE/HZ	3/39	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	182		XM .809

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1153	1001	4558	460	39	1150
MAX SPEED	1727	1001	3043	460	58.5	1154
MIN SPEED	0	0	4558	8.82	.577	1150

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1170	0	0	460	39	334
1/4	1166	251	1129	460	39	427
1/2	1162	500	2259	460	39	628
3/4	1158	750	3402	460	39	877
FULL LOAD	1153	1000	4558	460	39	1150
0/L	1137	1639	7566	460	39	1964

REMARKS:
TYPICAL DATA
TYPICAL DATA



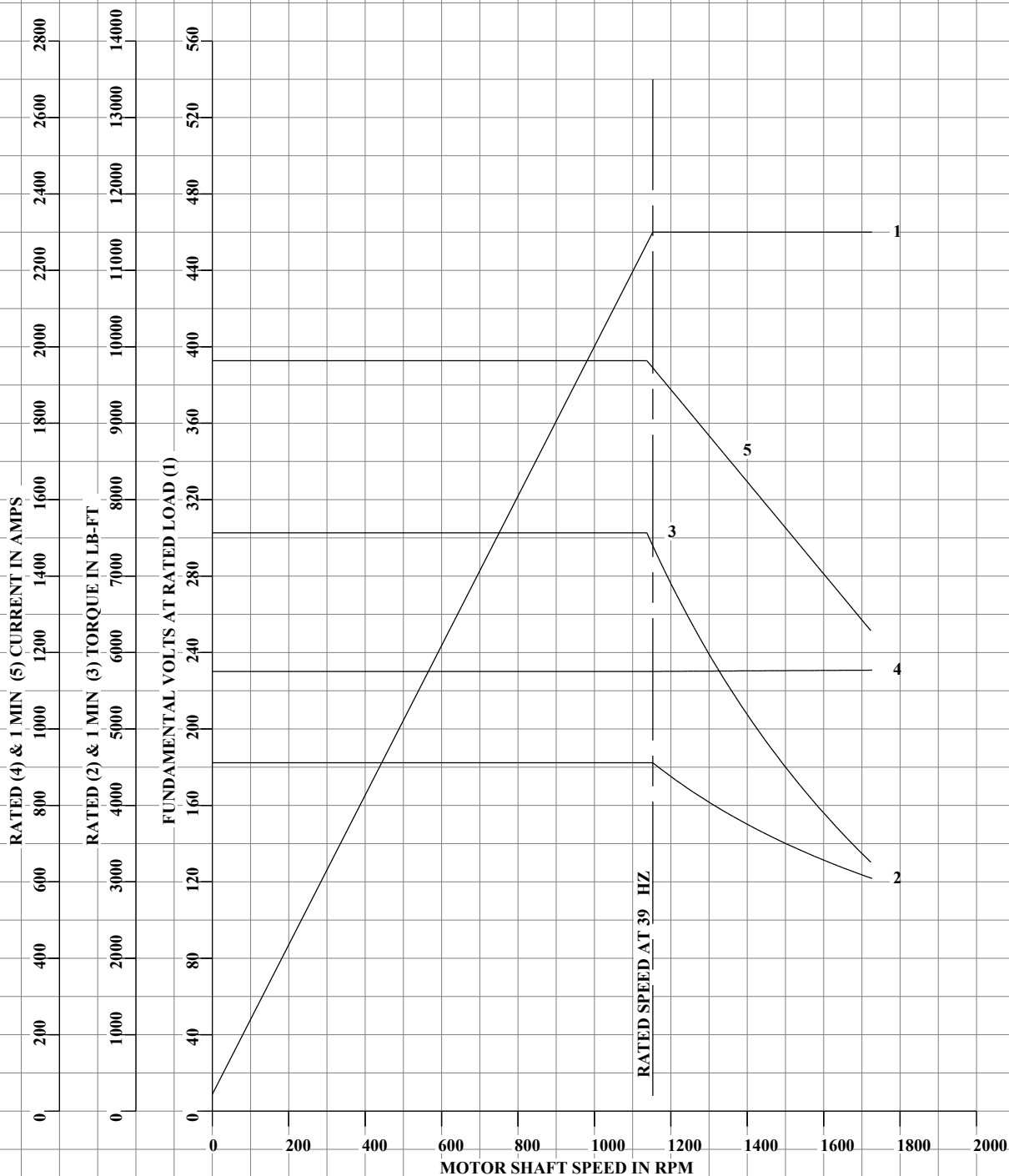
DRAWN BY: C. ETIENNE
CHECKED BY: C. ETIENNE
APPROVED BY: J. MARTIN
DATE: 9/14/21

AC MOTOR
PERFORMANCE
DATA

L9076A
ISSUE DATE 9/14/21

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE		
FRAME	RL5024	AMPS	1152	MAX SAFE SPEED	3000	(AT BASE RATING, 25°C)		
HP	1000	DUTY	CONT	IM (AMPS)	334	R1	.00273	X1 .0285
BASE SPEED	1150	S.F.	1.0	P.F. @NL / FL	.023/.868	R2	.00249	X2 .0342
PHASE/HZ	3/39	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	182	XM	.809	

TYPICAL DATA
VARIABLE SPEED AC MOTOR CURVES



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



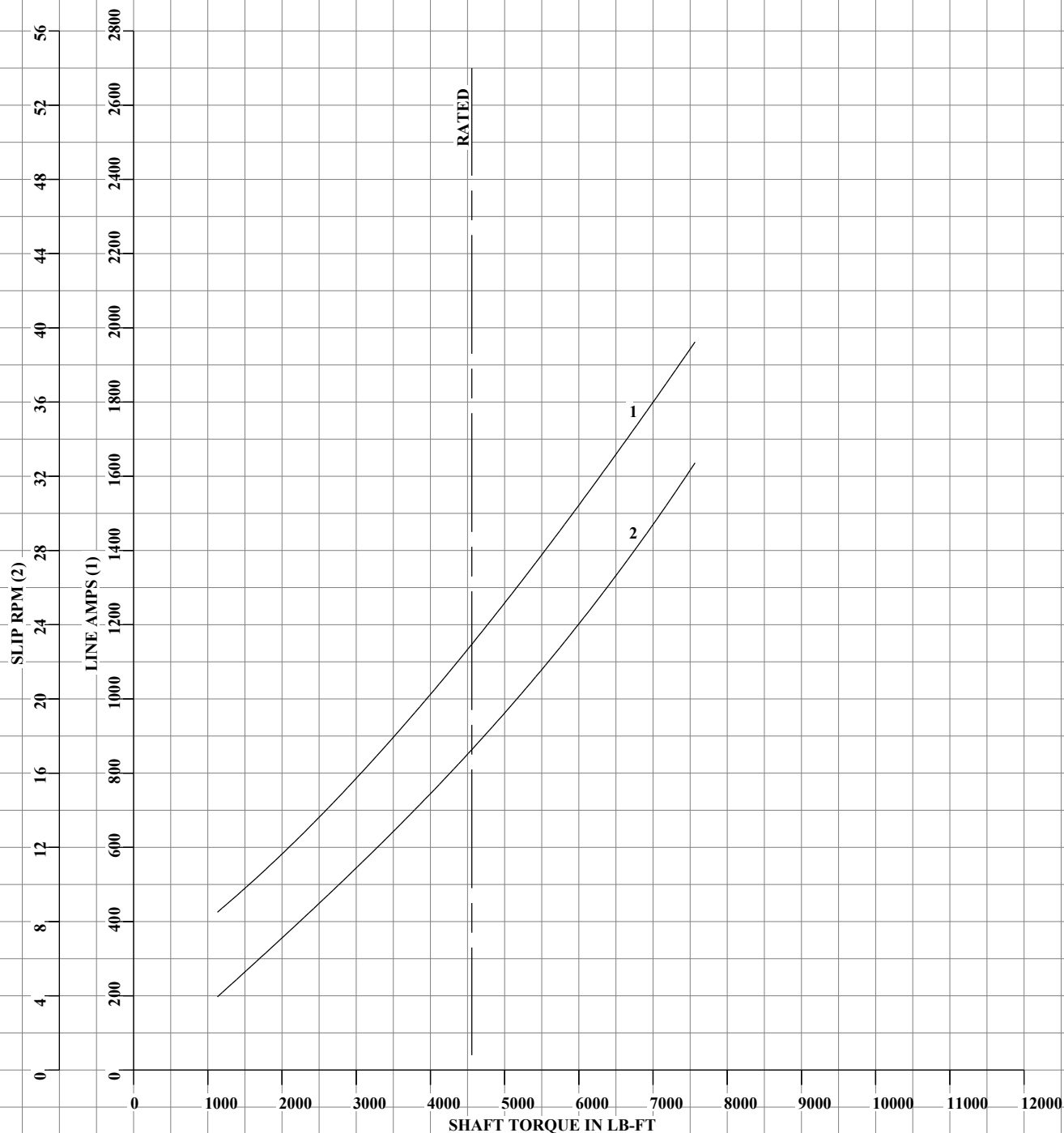
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 APPROVED BY: J. MARTIN
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AC MOTOR
PERFORMANCE
DATA

L9076A
 ISSUE DATE: 9/14/21

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE		
FRAME	RL5024	AMPS	1152	MAX SAFE SPEED	3000	(AT BASE RATING, 25°C)		
HP	1000	DUTY	CONT	IM (AMPS)	334	R1	.00273	X1 .0285
BASE SPEED	1150	S.F.	1.0	P.F. @NL / FL	.023/.868	R2	.00249	X2 .0342
PHASE/HZ	3/39	AMB.°C / INSUL	40/H	WK² (Lb-Ft²)	182	XM	.809	

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
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 DATE: 9/14/21

AC MOTOR
PERFORMANCE
DATA

L9076A
 ISSUE DATE: 9/14/21