

S/O	-	VOLTS	460	ENCLOSURE	DP-FV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)		
FRAME	RL5024	AMPS	1030	MAX SAFE SPEED	3000			
HP	900	DUTY	CONT	IM (AMPS)	294	R1	.00297	X1 .0307
BASE SPEED	1150	S.F.	1.0	P.F. @NL / FL	.023/.873	R2	.00270	X2 .0379
PHASE/HZ	3/38.9	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	182			XM .921

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1150	901	4110	460	38.9	1029
MAX SPEED	1728	900	2735	460	58.5	1034
MIN SPEED	0	0	4110	8.56	.556	1029

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1167	0	0	460	38.9	294
1/4	1163	226	1019	460	38.9	379
1/2	1159	450	2038	460	38.9	561
3/4	1155	675	3068	460	38.9	783
FULL LOAD	1150	900	4110	460	38.9	1029
0/L	1134	1519	7029	460	38.9	1812

REMARKS:
TYPICAL DATA
TYPICAL DATA



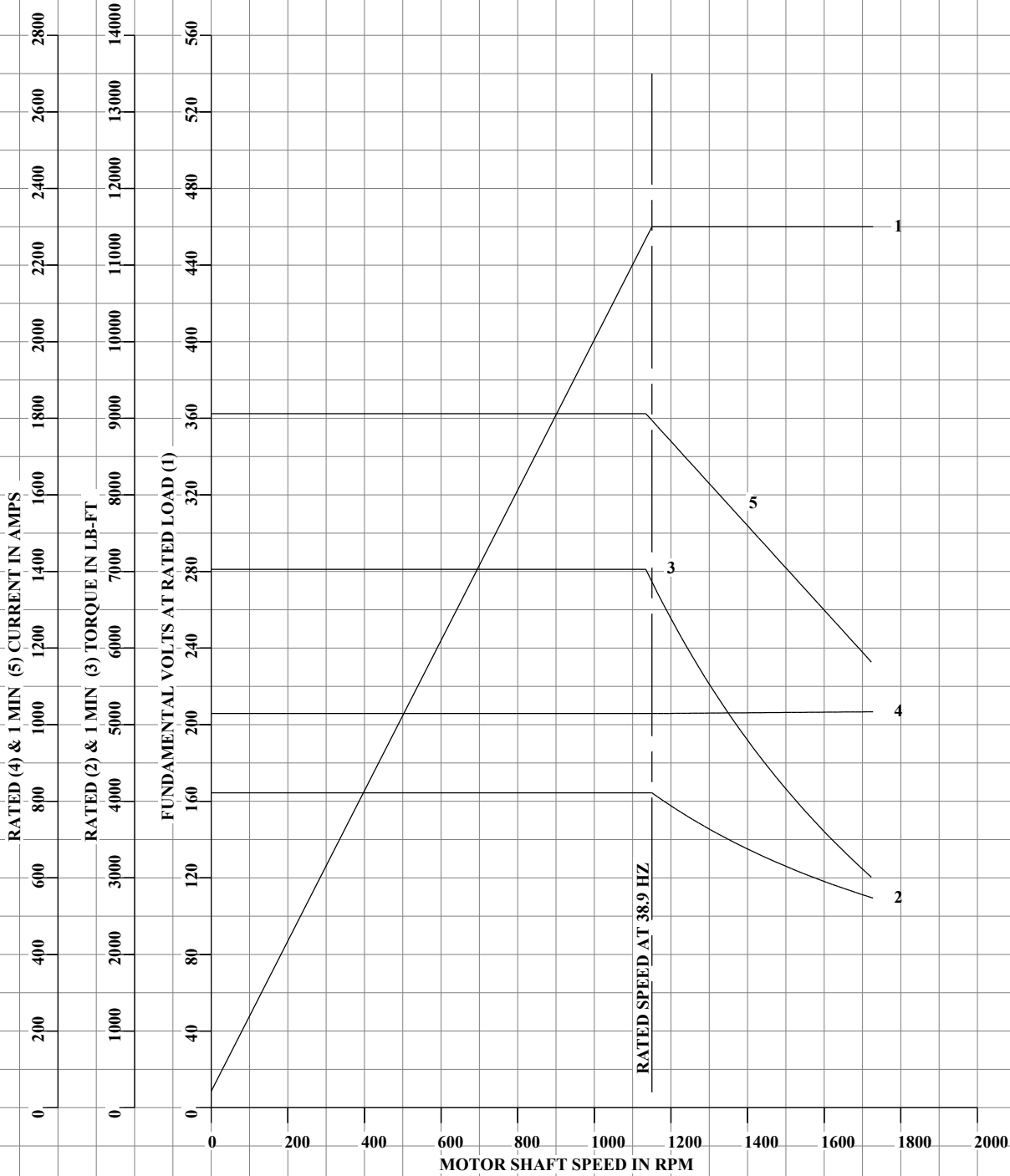
DRAWN BY: C. ETIENNE
CHECKED BY: C. ETIENNE
APPROVED BY: J. MARTIN
DATE: 9/23/21

AC MOTOR
PERFORMANCE
DATA

L9079A
ISSUE DATE 9/23/21

S/O	-	VOLTS	460	ENCLOSURE	DP-FV	WYE CONN EQ CKT OHMS PER PHASE		
FRAME	RL5024	AMPS	1030	MAX SAFE SPEED	3000	(AT BASE RATING, 25°C)		
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BASE SPEED	1150	S.F.	1.0	P.F. @NL / FL	.023/.873	R2	.00270	X2 .0379
PHASE/HZ	3/38.9	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	182			XM .921

TYPICAL DATA
VARIABLE SPEED AC MOTOR CURVES



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



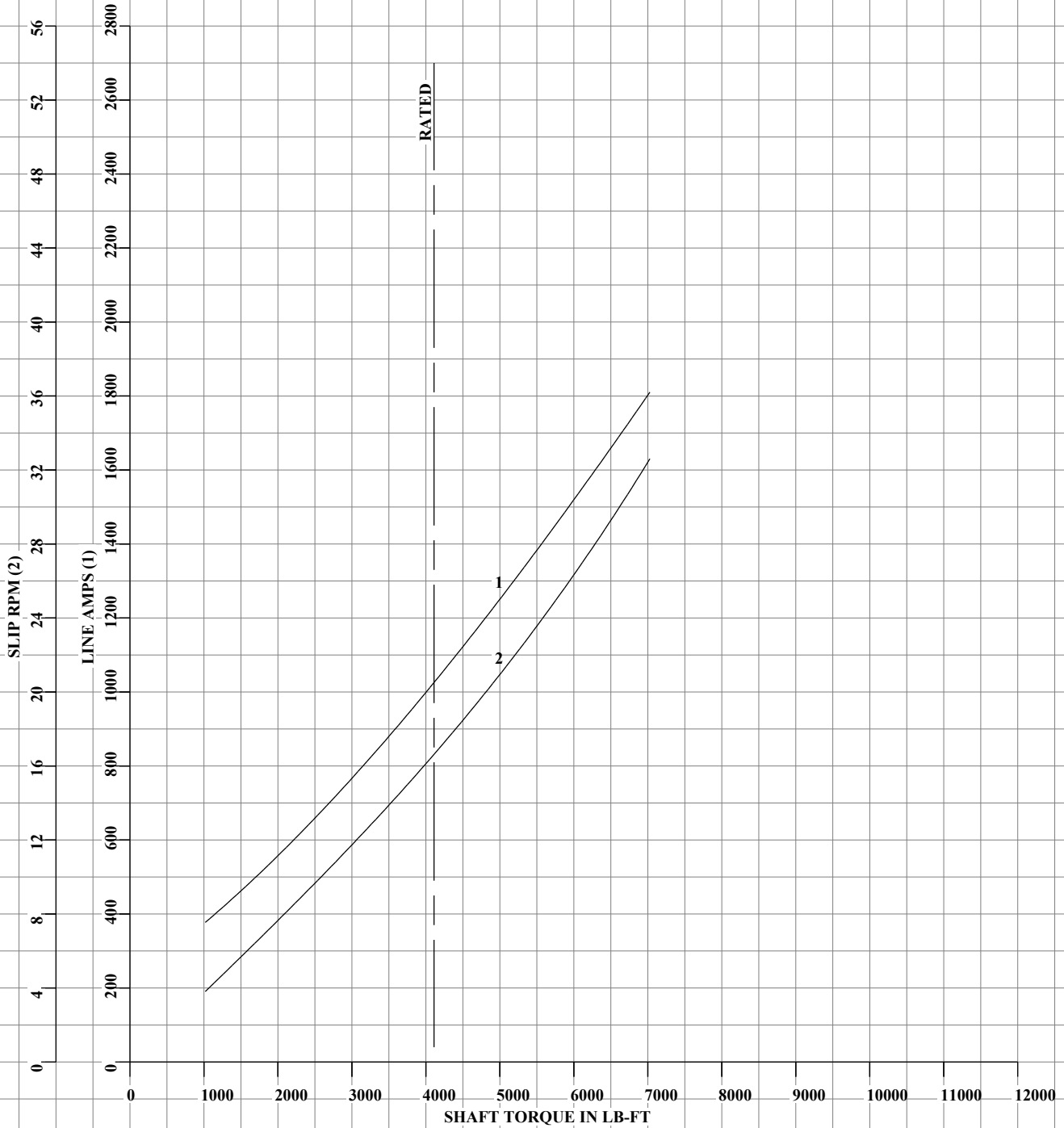
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AC MOTOR
PERFORMANCE
DATA

L9079A
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S/O	-	VOLTS	460	ENCLOSURE	DP-FV	WYE CONN EQ CKT OHMS PER PHASE		
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PHASE/HZ	3/38.9	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	182			XM .921

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
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AC MOTOR
PERFORMANCE
DATA

L9079A
ISSUE DATE: 9/23/21