

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)		
FRAME	RL5035	AMPS	1407	MAX SAFE SPEED	3000			
HP	1250	DUTY	CONT	IM (AMPS)	395	R1	.00181	X1 .0198
BASE SPEED	1150	S.F.	1.0	P.F. @NL / FL	.022/.880	R2	.00180	X2 .0278
PHASE/HZ	3/38.8	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	271			XM .690

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1149	1251	5716	460	38.8	1380
MAX SPEED	1724	1251	3809	460	58.3	1386
MIN SPEED	0	0	5716	6.97	.503	1380

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1164	0	0	460	38.8	387
1/4	1161	313	1417	460	38.8	504
1/2	1157	625	2837	460	38.8	750
3/4	1153	937	4268	460	38.8	1050
FULL LOAD	1149	1250	5716	460	38.8	1380
0/L	1132	2292	10632	460	38.8	2642

REMARKS:

TYPICAL DATA

TYPICAL DATA

96.4% FULL LOAD EFFICIENCY



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

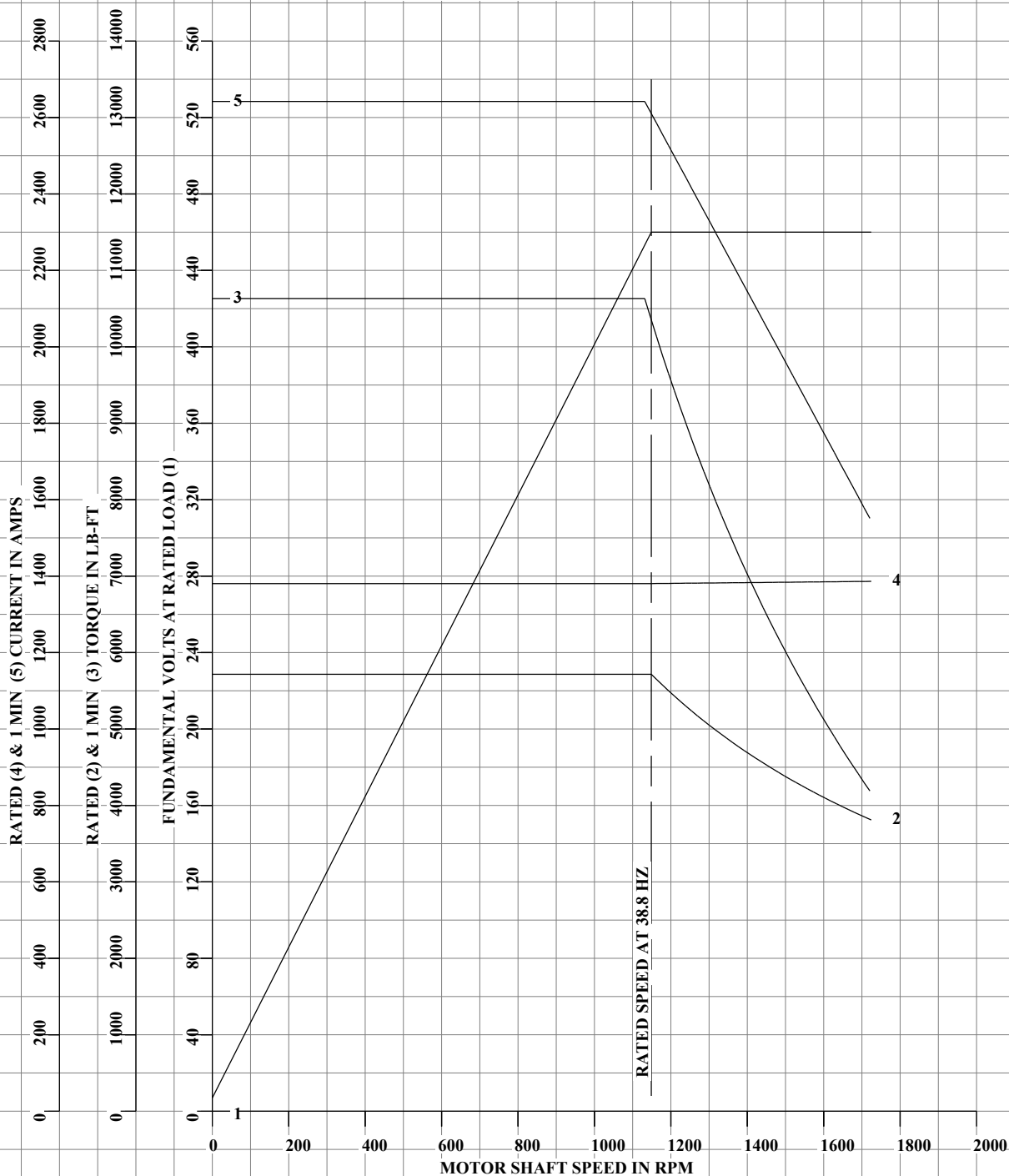
AC MOTOR
PERFORMANCE
DATA

L9075A

ISSUE DATE 9/21/21

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)		
FRAME	RL5035	AMPS	1407	MAX SAFE SPEED	3000			
HP	1250	DUTY	CONT	IM (AMPS)	395	R1	.00181	X1 .0198
BASE SPEED	1150	S.F.	1.0	P.F. @NL / FL	.022/.880	R2	.00180	X2 .0278
PHASE/HZ	3/38.8	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	271			XM .690

TYPICAL DATA
96.4% FULL LOAD EFFICIENCY
VARIABLE SPEED AC MOTOR CURVES



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



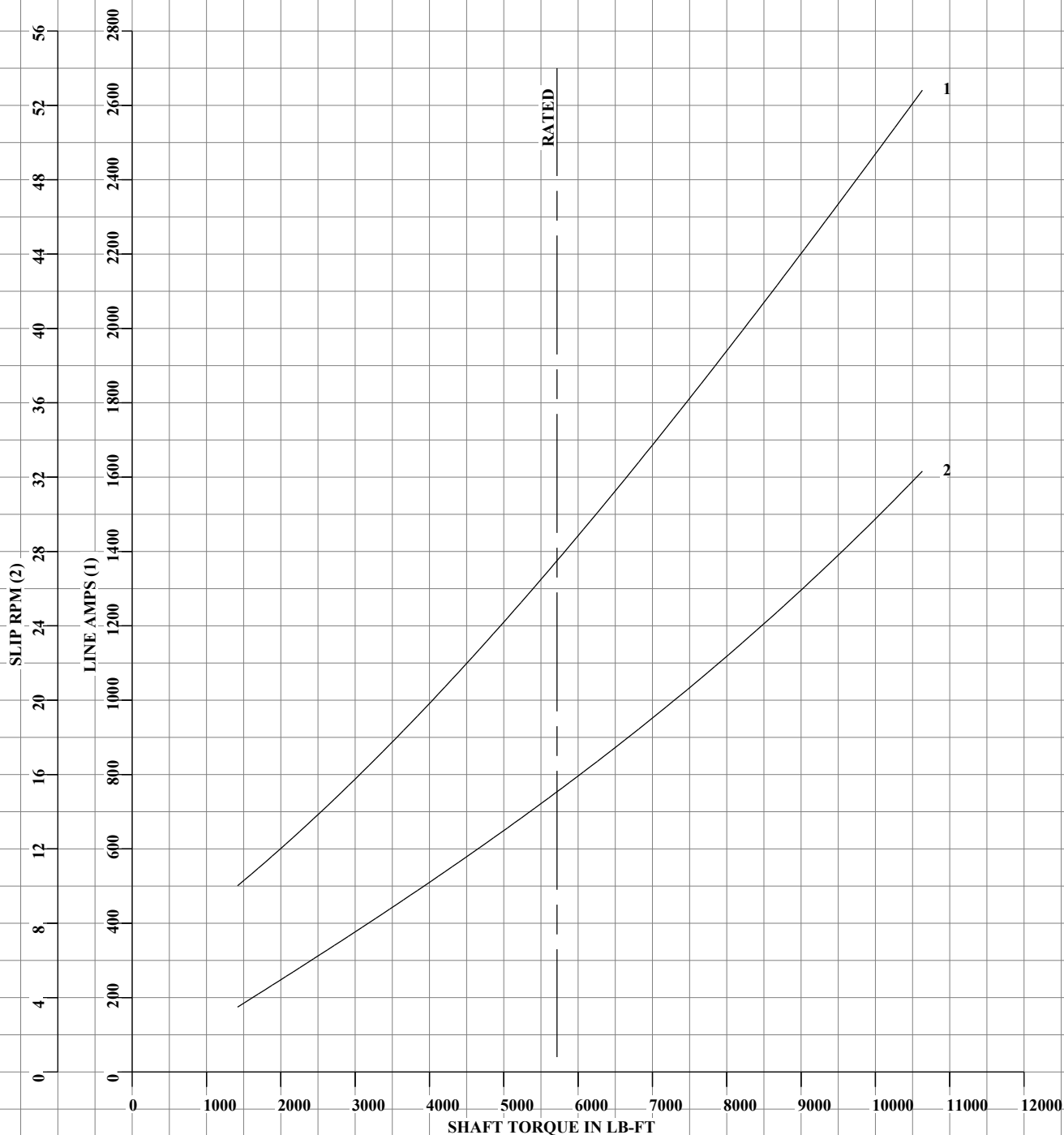
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APPROVED BY: J. MARTIN
DATE: 9/21/21

AC MOTOR
PERFORMANCE
DATA

L9075A
ISSUE DATE: 9/21/21

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE		
FRAME	RL5035	AMPS	1407	MAX SAFE SPEED	3000	(AT BASE RATING, 25°C)		
HP	1250	DUTY	CONT	IM (AMPS)	395	R1	.00181	X1 .0198
BASE SPEED	1150	S.F.	1.0	P.F. @NL / FL	.022/.880	R2	.00180	X2 .0278
PHASE/HZ	3/38.8	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	271	XM .690		

TYPICAL DATA
96.4% FULL LOAD EFFICIENCY
LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



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DATE: 9/21/21

AC MOTOR
PERFORMANCE
DATA

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ISSUE DATE: 9/21/21