

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)		
FRAME	RL4058	AMPS	778	MAX SAFE SPEED	3750			
HP	700	DUTY	CONT	IM (AMPS)	216	R1	.00430	X1 .0342
BASE SPEED	1780	S.F.	1.0	P.F. @NL / FL	.036/.899	R2	.00266	X2 .0385
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	98			XM 1.26

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1781	700	2065	460	60	778
MAX SPEED	2404	701	1531	460	81	765
MIN SPEED	0	0	2065	10.0	.635	778

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	211
1/4	1796	175	513	460	60	286
1/2	1791	350	1028	460	60	429
3/4	1786	525	1544	460	60	596
FULL LOAD	1781	700	2065	460	60	778
0/L	1756	1381	4129	460	60	1611

REMARKS:
TYPICAL DATA



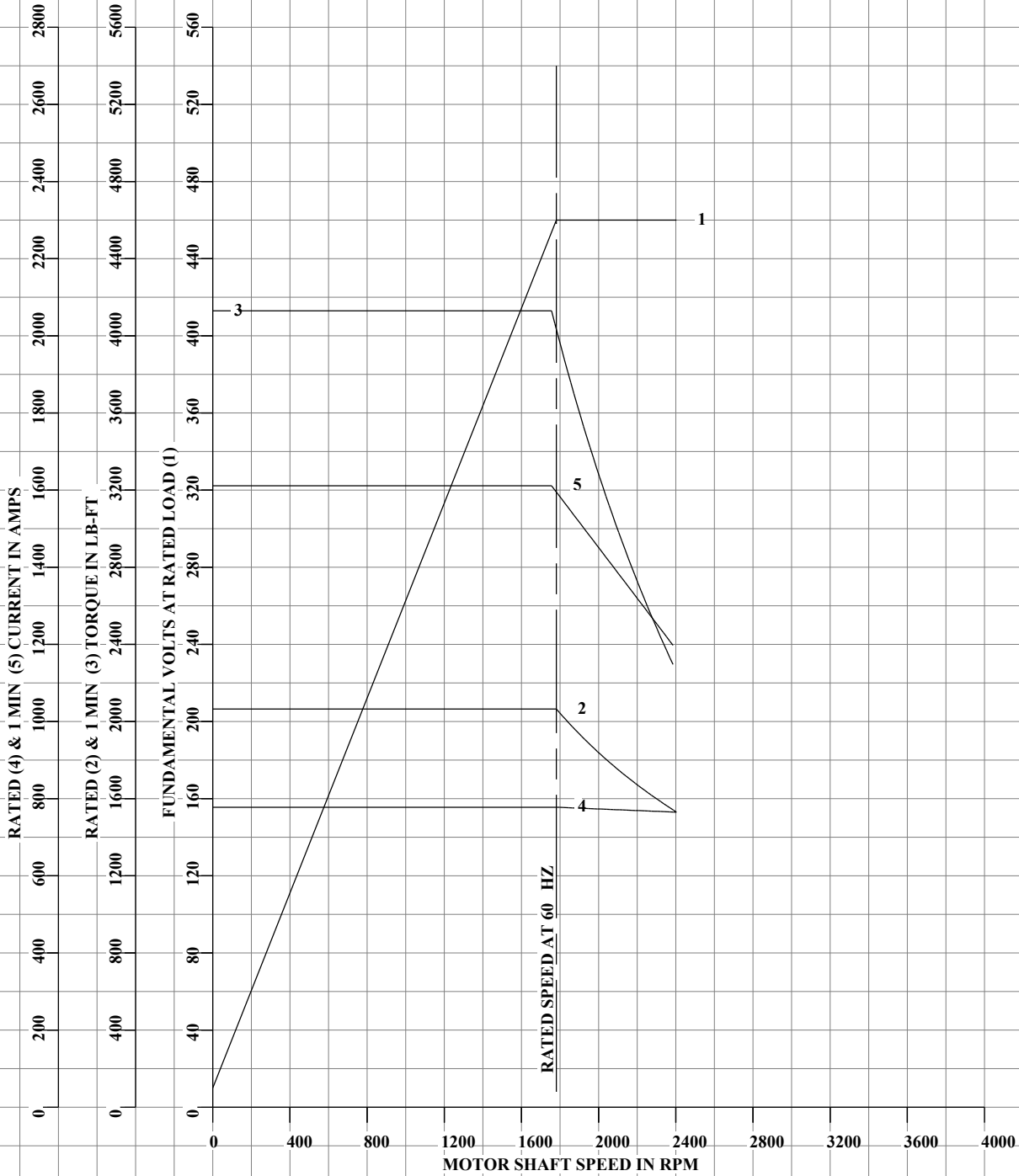
DRAWN BY: A. BROOKINS
 CHECKED BY: R.GARCIA
 APPROVED BY: J. MARTIN
 DATE: 3-16-23

AC MOTOR
PERFORMANCE
DATA

L9462A
ISSUE DATE 3-16-23

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)			
FRAME	RL4058	AMPS	778	MAX SAFE SPEED	3750				
HP	700	DUTY	CONT	IM (AMPS)	216	R1	.00430	X1	.0342
BASE SPEED	1780	S.F.	1.0	P.F. @NL / FL	.036/.899	R2	.00266	X2	.0385
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	98			XM	1.26

VARIABLE SPEED AC MOTOR CURVES



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



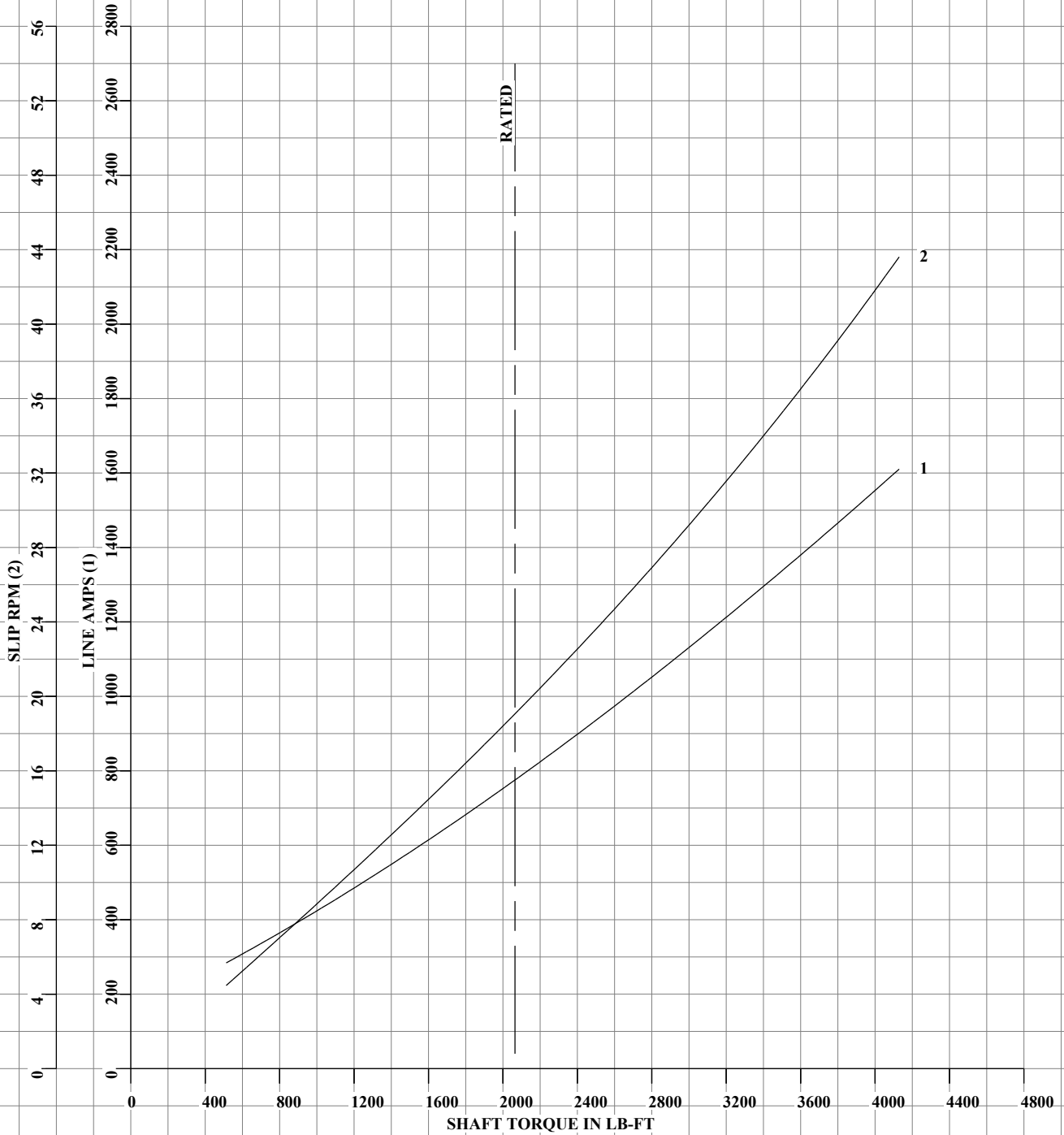
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AC MOTOR
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S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE		
FRAME	RL4058	AMPS	778	MAX SAFE SPEED	3750	(AT BASE RATING, 25°C)		
HP	700	DUTY	CONT	IM (AMPS)	216	R1	.00430	X1 .0342
BASE SPEED	1780	S.F.	1.0	P.F. @NL / FL	.036/.899	R2	.00266	X2 .0385
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	98			XM 1.26

LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



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AC MOTOR
 PERFORMANCE
 DATA

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