

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	RL2898	AMPS	179	MAX SAFE SPEED	5000	(AT BASE RATING, 25°C)	
HP	150	DUTY	CONT	IM (AMPS)	65	R1	.0294 X1 .159
BASE SPEED	1771	S.F.	1.0	P.F. @NL / FL	.051/.859	R2	.0164 X2 .181
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	11.1		XM 4.13

**RATED FULL LOAD DATA**

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1773	150	444	460	60	179
MAX SPEED	2304	150	342	460	78	175
MIN SPEED	0	0	444	16.1	.885	179

**LOAD PERFORMANCE AT BASE SPEED**

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	63.8
1/4	1794	37.5	110	460	60	77.2
1/2	1788	75.0	220	460	60	105
3/4	1781	112	332	460	60	140
FULL LOAD	1773	150	444	460	60	179
0/L	1728	322	978	460	60	406

REMARKS:  
TYPICAL DATA



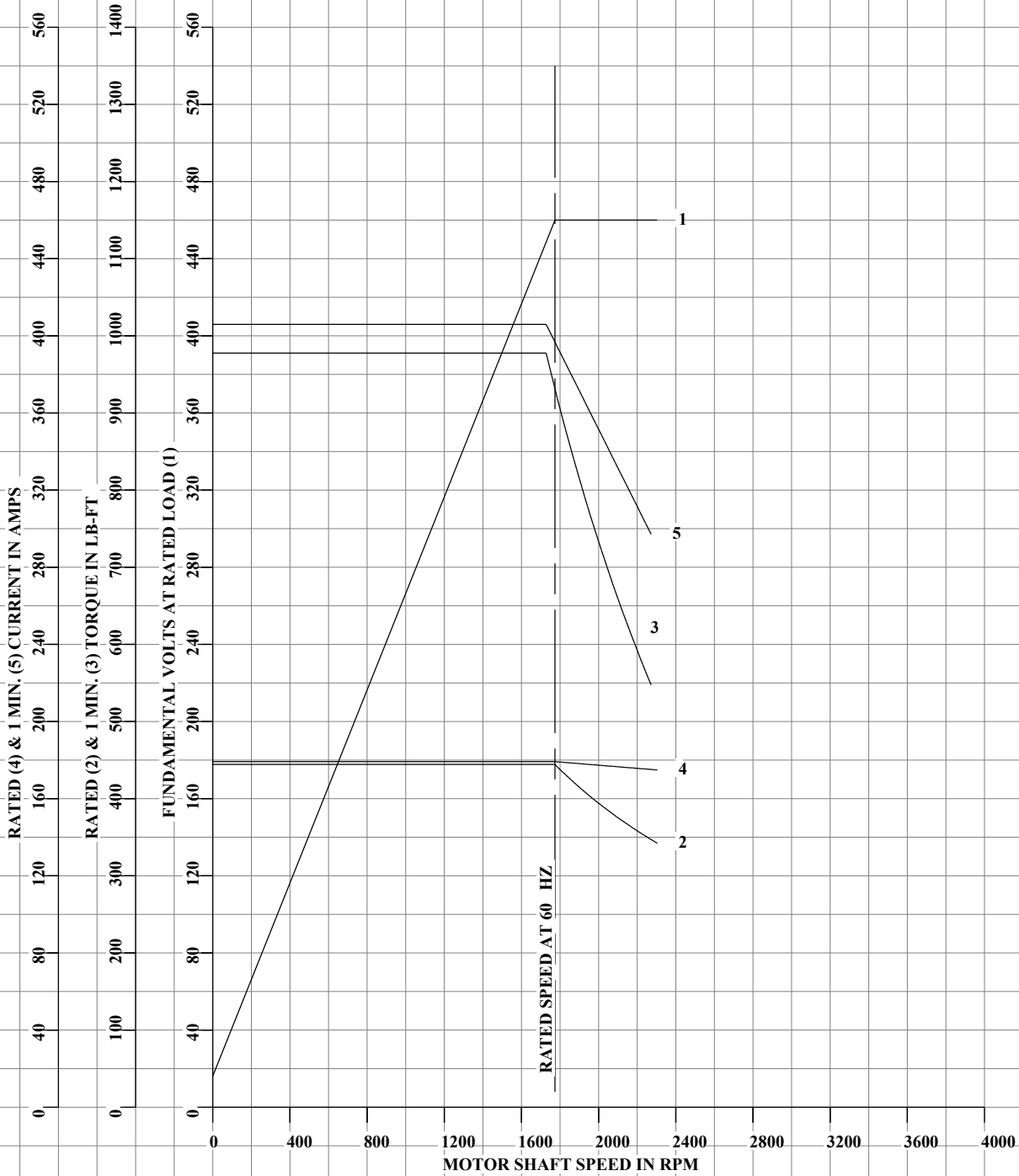
DRAWN BY: A. BROOKINS  
 CHECKED BY: B. GRANT  
 APPROVED BY: J. MARTIN  
 DATE: 3-14-23

AC MOTOR  
PERFORMANCE  
DATA

**L9492A**  
ISSUE DATE 3-14-23

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)		
FRAME	RL2898	AMPS	179	MAX SAFE SPEED	5000			
HP	150	DUTY	CONT	IM (AMPS)	65	R1	.0294	X1 .159
BASE SPEED	1771	S.F.	1.0	P.F. @NL / FL	.051/.859	R2	.0164	X2 .181
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	11.1			XM 4.13

VARIABLE SPEED AC MOTOR CURVES



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



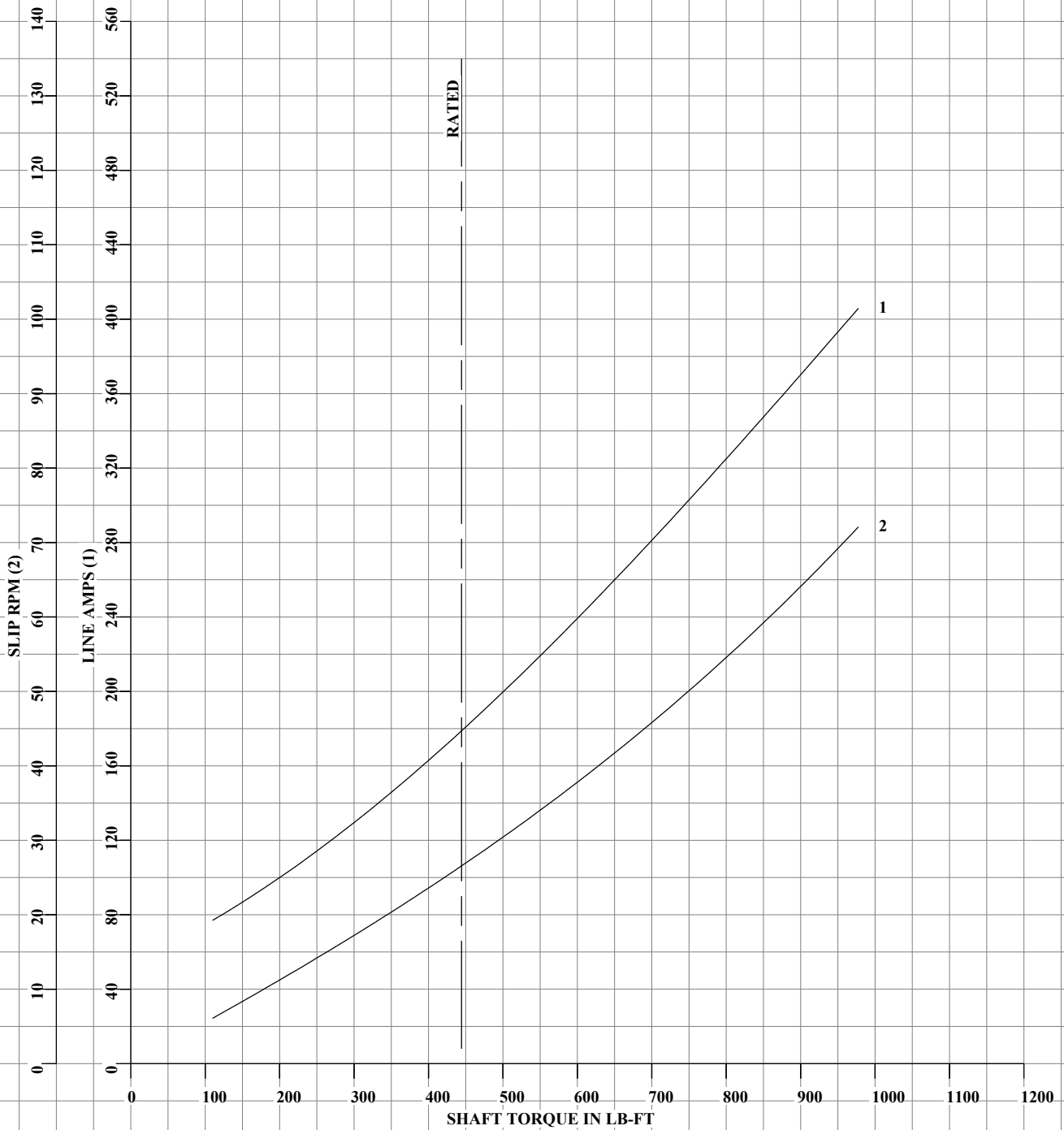
DRAWN BY: A. BROOKINS  
 CHECKED BY: B. GRANT  
 APPROVED BY: J. MARTIN  
 DATE: 3-14-23

AC MOTOR  
 PERFORMANCE  
 DATA

**L9492A**  
 ISSUE DATE: 3-14-23

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE		
FRAME	RL2898	AMPS	179	MAX SAFE SPEED	5000	(AT BASE RATING, 25°C)		
HP	150	DUTY	CONT	IM (AMPS)	65	R1	.0294	X1 .159
BASE SPEED	1771	S.F.	1.0	P.F. @NL / FL	.051/.859	R2	.0164	X2 .181
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	11.1			XM 4.13

LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



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 CHECKED BY: B. GRANT  
 APPROVED BY: J. MARTIN  
 DATE: 3-14-23

AC MOTOR  
 PERFORMANCE  
 DATA

**L9492A**  
 ISSUE DATE: 3-14-23