

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)		
FRAME	RL4034	AMPS	559	MAX SAFE SPEED	3750			
HP	500	DUTY	CONT	IM (AMPS)	149	R1	.00695	X1 .0530
BASE SPEED	1778	S.F.	1.0	P.F. @NL / FL	.039/.898	R2	.00395	X2 .0541
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	77.0			XM 1.82

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1779	500	1476	460	60	559
MAX SPEED	2401	500	1094	460	81	553
MIN SPEED	0	0	1476	11.7	.684	559

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	146
1/4	1795	125	367	460	60	201
1/2	1790	250	734	460	60	305
3/4	1785	375	1103	460	60	426
FULL LOAD	1779	500	1476	460	60	559
0/L	1752	985	2952	460	60	1180

REMARKS:
TYPICAL DATA
CORRELATED DATA



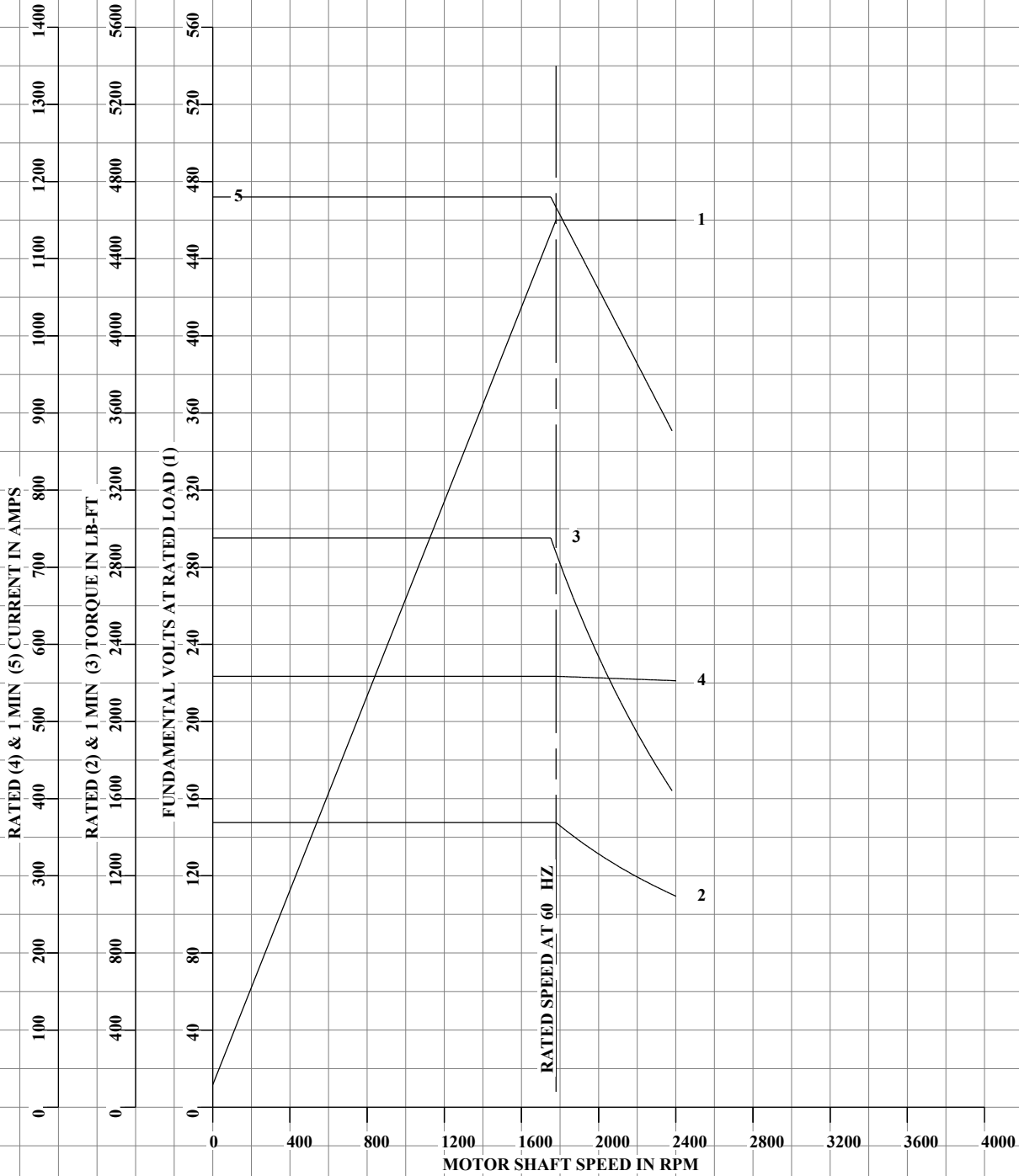
DRAWN BY: A. BROOKINS
CHECKED BY: B. GRANT
APPROVED BY: J. MARTIN
DATE: 3-14-23

AC MOTOR
PERFORMANCE
DATA

L9460A
ISSUE DATE 3-14-23

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)		
FRAME	RL4034	AMPS	559	MAX SAFE SPEED	3750			
HP	500	DUTY	CONT	IM (AMPS)	149	R1	.00695	X1 .0530
BASE SPEED	1778	S.F.	1.0	P.F. @NL / FL	.039/.898	R2	.00395	X2 .0541
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	77.0			XM 1.82

**CORRELATED DATA
VARIABLE SPEED AC MOTOR CURVES**



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



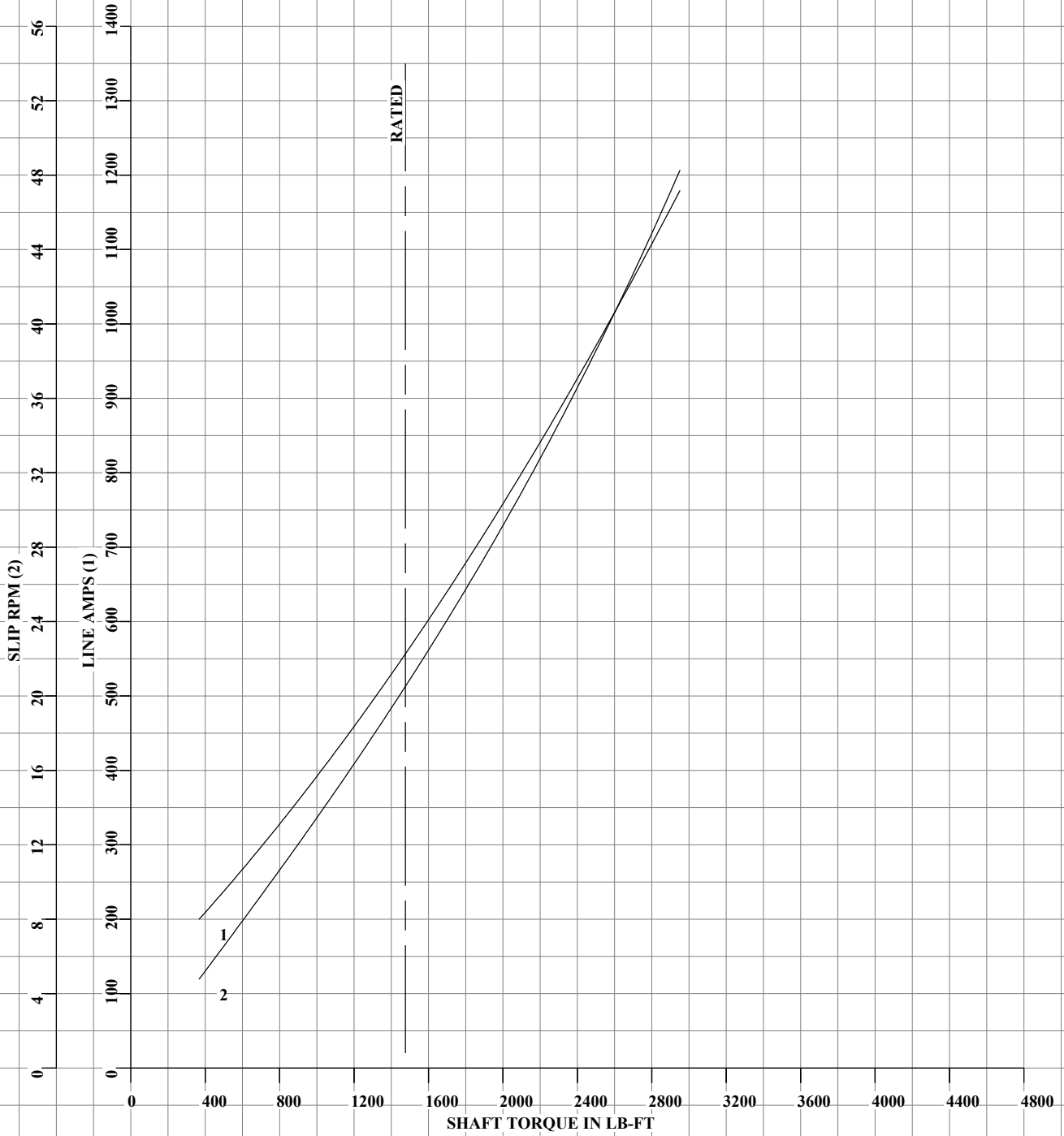
DRAWN BY: A. BROOKINS
 CHECKED BY: B. GRANT
 APPROVED BY: J. MARTIN
 DATE: 3-14-23

**AC MOTOR
PERFORMANCE
DATA**

L9460A
 ISSUE DATE: 3-14-23

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE		
FRAME	RL4034	AMPS	559	MAX SAFE SPEED	3750	(AT BASE RATING, 25°C)		
HP	500	DUTY	CONT	IM (AMPS)	149	R1	.00695	X1 .0530
BASE SPEED	1778	S.F.	1.0	P.F. @NL / FL	.039/.898	R2	.00395	X2 .0541
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	77.0			XM 1.82

CORRELATED DATA
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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