

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)	
FRAME	RL3203	AMPS	289	MAX SAFE SPEED	4000		
HP	250	DUTY	CONT	IM (AMPS)	89.9	R1	.0179 X1 .104
BASE SPEED	1768	S.F.	1.0	P.F. @NL / FL	.042/.883	R2	.0116 X2 .100
PHASE/HZ	3/60	AMB.°C / INSUL	52/H	WK ² (Lb-Ft ²)	21.3		XM 3.02

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1769	250	742	460	60	289
MAX SPEED	2943	250	446	460	100	291
MIN SPEED	0	0	742	15.3	1.04	289

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	88.1
1/4	1793	62.5	183	460	60	113
1/2	1785	125	368	460	60	162
3/4	1777	187	554	460	60	222
FULL LOAD	1769	250	742	460	60	289
0/L	1726	488	1485	460	60	599

REMARKS:
TYPICAL DATA

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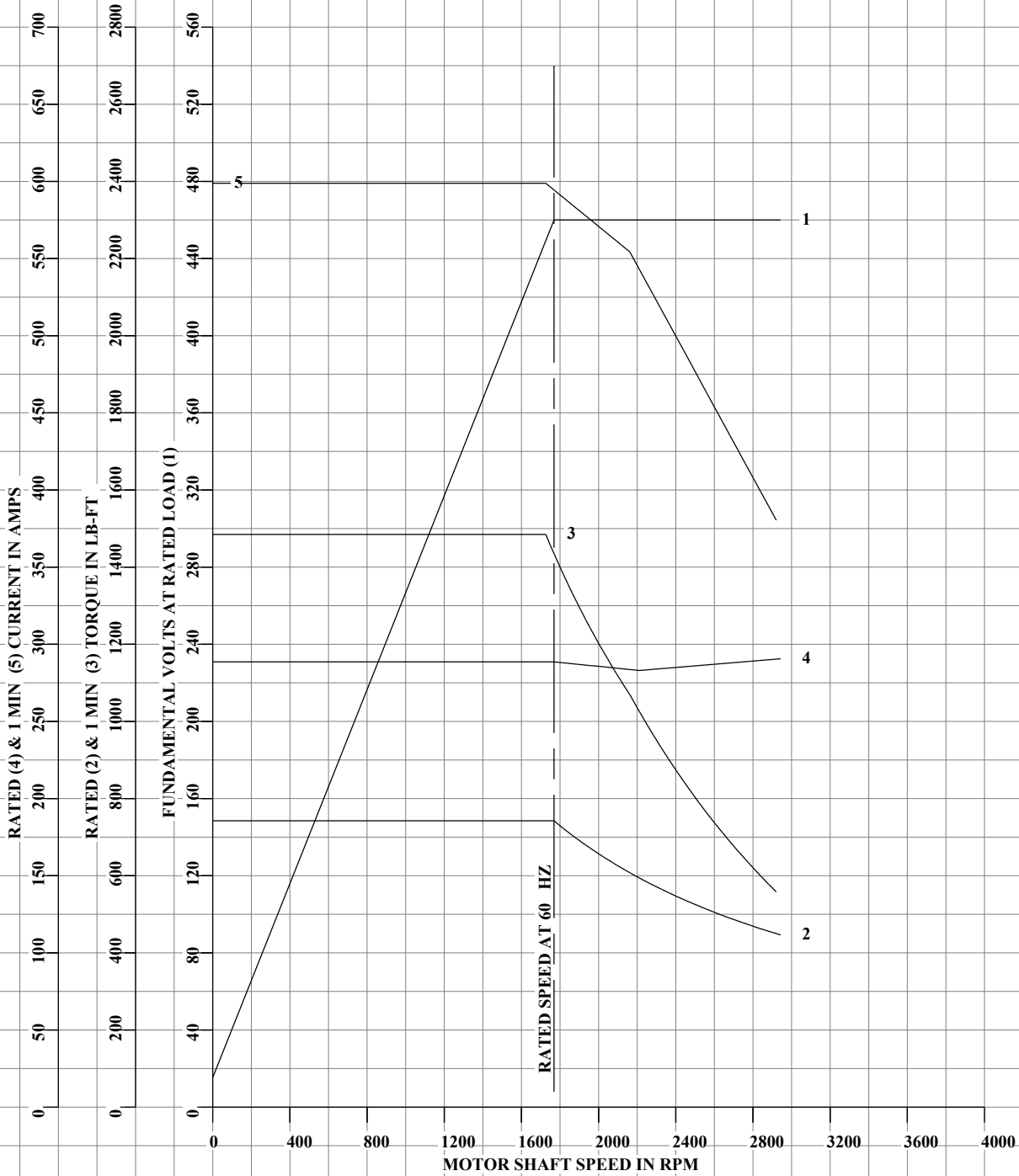
DRAWN BY: R.GARCIA
 CHECKED BY: R.GARCIA
 APPROVED BY: J.MARTIN
 DATE: 01-23-23

AC MOTOR
PERFORMANCE
DATA

L9455A
ISSUE DATE 01-23-23

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)		
FRAME	RL3203	AMPS	289	MAX SAFE SPEED	4000			
HP	250	DUTY	CONT	IM (AMPS)	89.9	R1	.0179	X1 .104
BASE SPEED	1768	S.F.	1.0	P.F. @NL / FL	.042/.883	R2	.0116	X2 .100
PHASE/HZ	3/60	AMB.°C / INSUL	52/H	WK ² (Lb-Ft ²)	21.3			XM 3.02

VARIABLE SPEED AC MOTOR CURVES



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



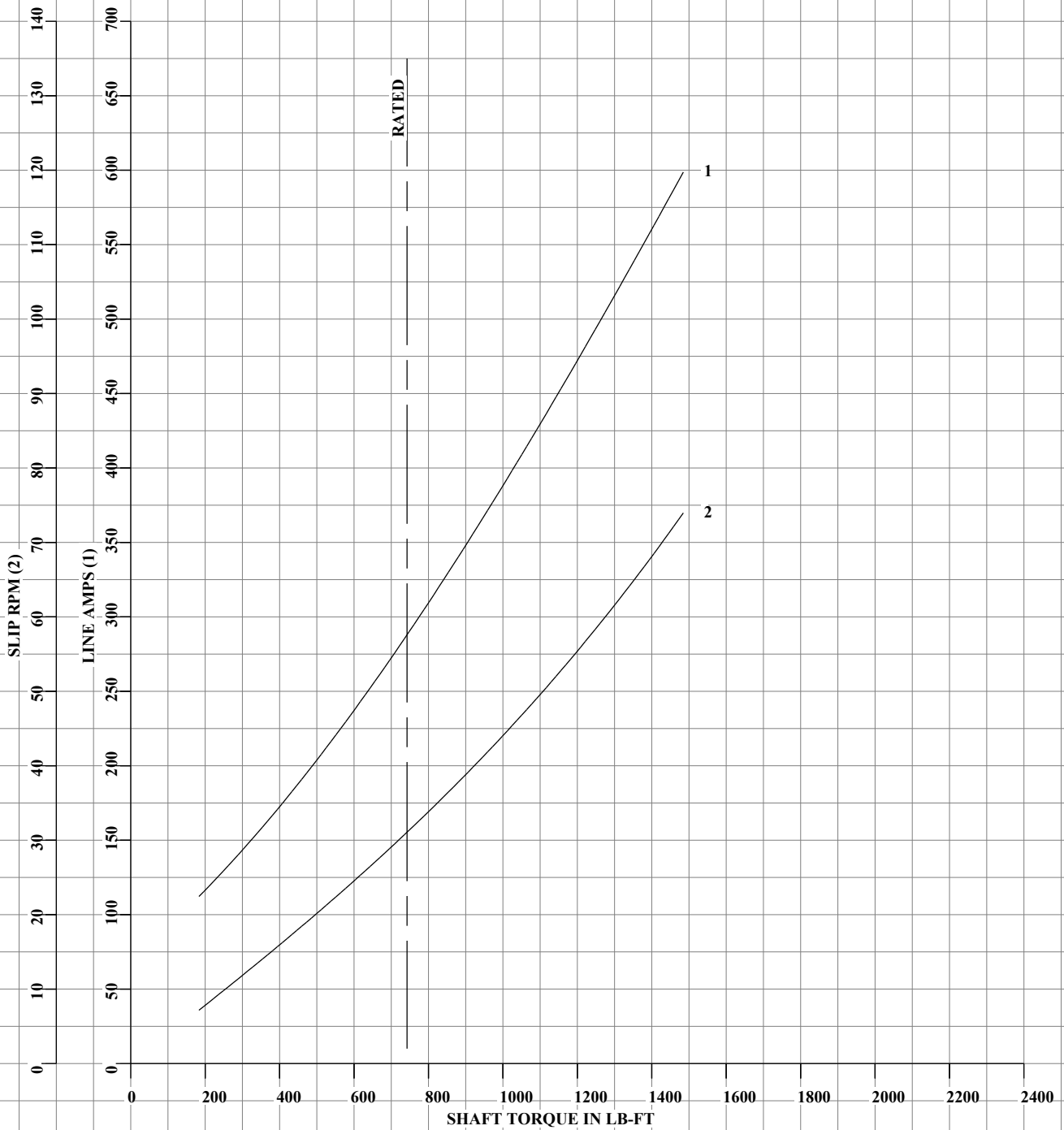
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AC MOTOR
 PERFORMANCE
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L9455A
 ISSUE DATE: 01-23-23

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE		
FRAME	RL3203	AMPS	289	MAX SAFE SPEED	4000	(AT BASE RATING, 25°C)		
HP	250	DUTY	CONT	IM (AMPS)	89.9	R1	.0179	X1 .104
BASE SPEED	1768	S.F.	1.0	P.F. @NL / FL	.042/.883	R2	.0116	X2 .100
PHASE/HZ	3/60	AMB.°C / INSUL	52/H	WK ² (Lb-Ft ²)	21.3			XM 3.02

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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