

NP VOLTS	230/460			WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	142/71//136/68	Base Volt	460	R1	0.052	X1	0.286
HP	60	NL AMPS	27.38	R2	0.306	X2	0.113
BASE SPEED	1784	Slip (HZ)	0.53	R2B	0.023	X2B	0.418
PHASE/HZ	3/60	WK ² (lb-ft ²)	14.300	R2E	0.007	XM	8.590

Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1784	59.8	176.0	460	60	70.1
Max Speed	2675	60.1	118.0	460	90	66.8
CT Min Speed	1.784	0.060	176.0	0.46	0.06	70.1

Load Performance at Base Speed

	RPM	HP	Torque	Volts	Freq-Hz	Amps
No Load	1799	0.0	0.0	460	60	27.4
1/4	1796	15.0	43.7	460	60	32.0
1/2	1792	29.9	87.7	460	60	42.2
3/4	1788	45.0	132.0	460	60	55.4
Full Load	1784	59.8	176.0	460	60	70.1
O/L	1766	119.8	356.0	460	60	142.0

Remarks: Calculated Data

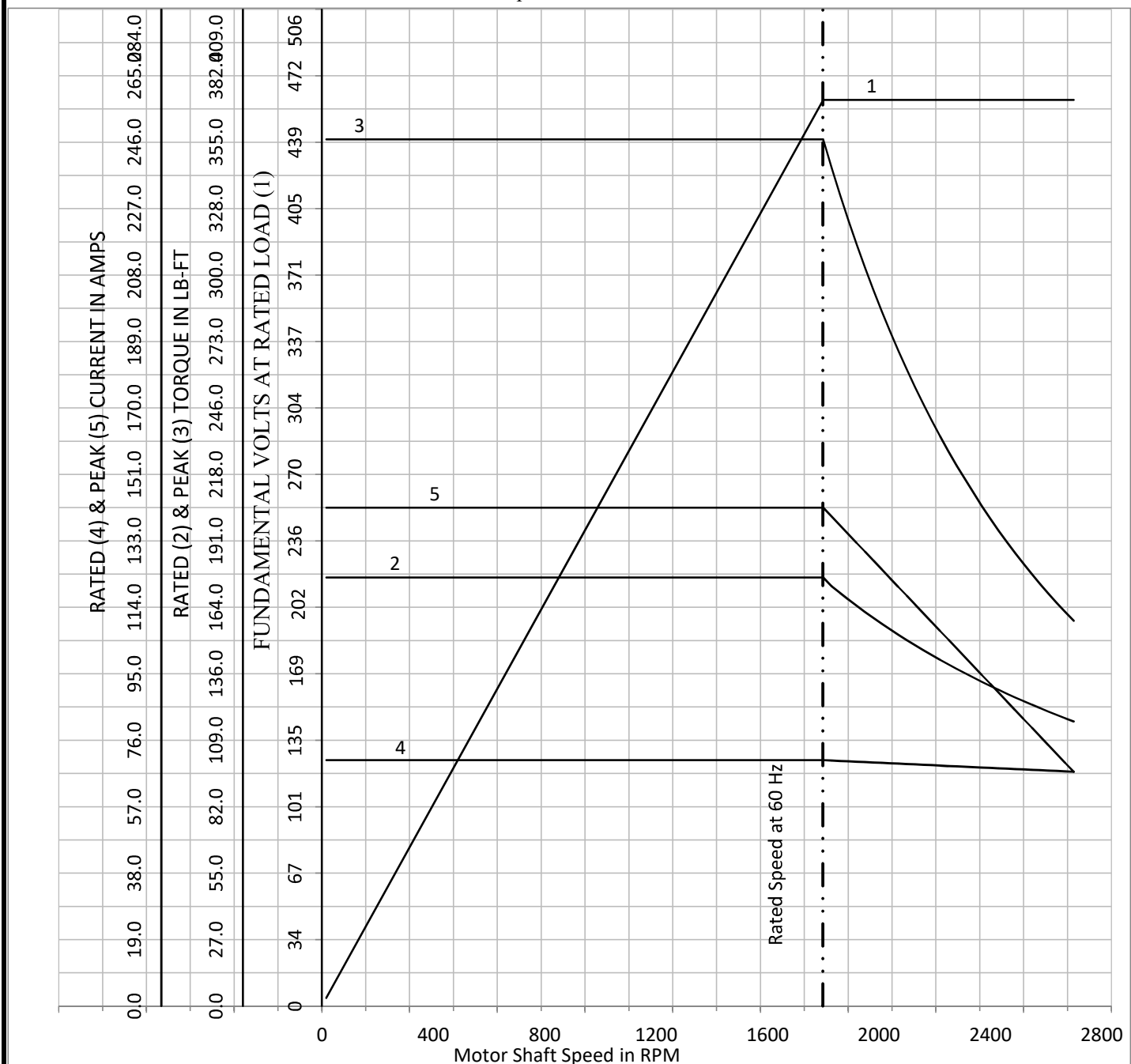
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 CK BY CD
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 DATE 8/17/2026

A-C MOTOR
PERFORMANCE
CURVES
A36WG4074
 Record: 77714

NP VOLTS	230/460	Base Volt 460 NL AMPS 27.38 Slip (HZ) 0.53 WK ² (lb-ft ²) 14.300	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	142/71//136/68		R1	0.052	X1	0.286
HP	60		R2	0.306	X2	0.113
BASE SPEED	1784		R2B	0.023	X2B	0.418
PHASE/HZ	3/60		R2E	0.007	XM	8.590

Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only

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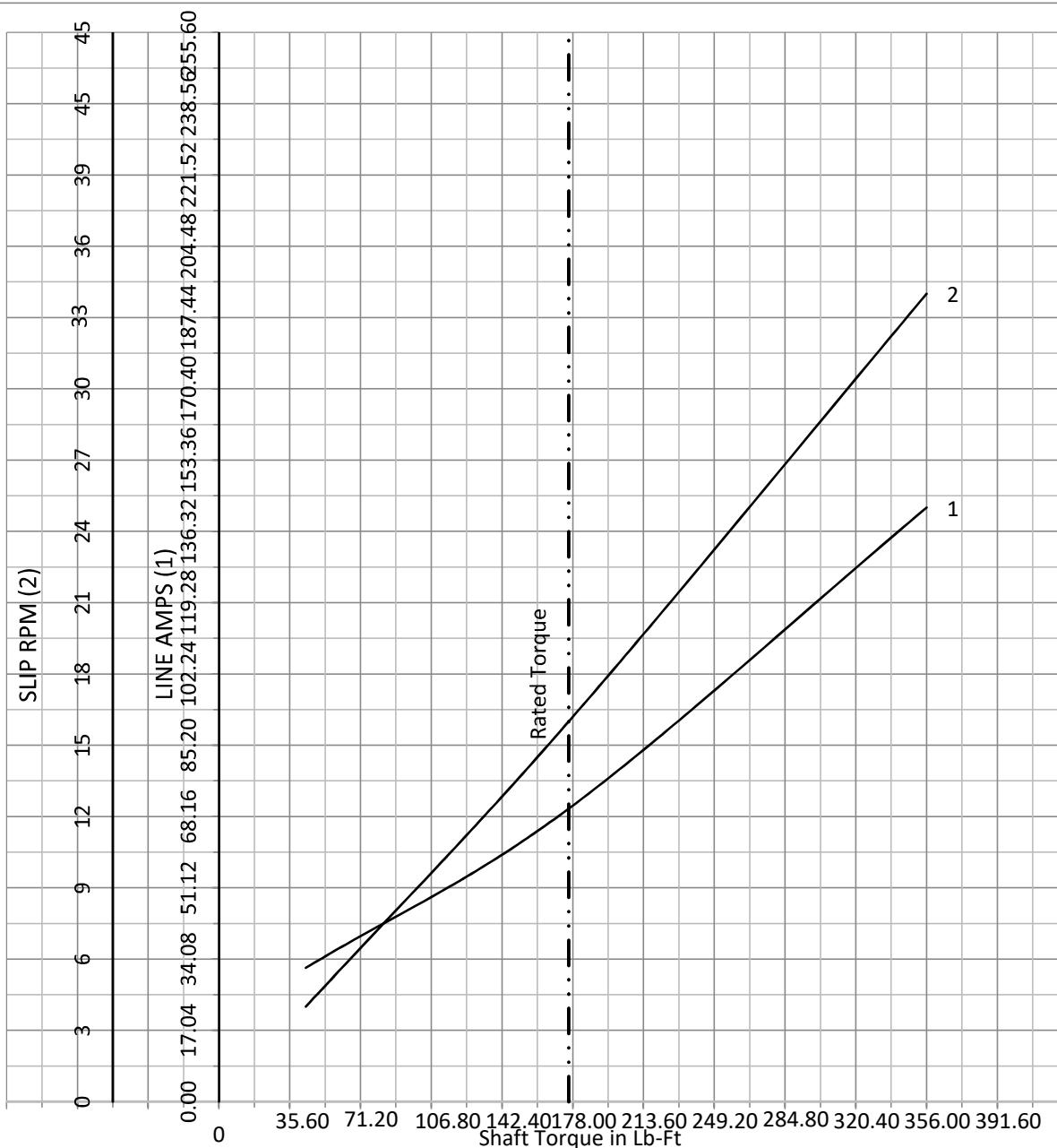
**A-C MOTOR
PERFORMANCE
CURVES**

A36WG4074

Record: 77714

NP VOLTS	230/460	0	0	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	142/71//136/68	Base Volt	460	R1	0.052	X1	0.286
HP	60	NL AMPS	27.38	R2	0.306	X2	0.113
BASE SPEED	1784	Slip (HZ)	0.53	R2B	0.023	X2B	0.418
PHASE/HZ	3/60	WK2 (lb-ft2)	14.300	R2E	0.007	XM	8.590

Vector PWM Inverter Duty
Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only

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CURVES**

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Record: 77714