

NP VOLTS	230/460			WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	21.4/10.7	Base Volt	460	R1	0.473	X1	2.600
HP	7.5	NL AMPS	5.84	R2	0.384	X2	2.660
BASE SPEED	1184	Slip (HZ)	0.80			XM	43.300
PHASE/HZ	3/60	WK ² (lb-ft ²)	4.340				

Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1184	7.5	32.4	460	60	10.7
Max Speed	1774	7.5	21.8	460	90	9.7
CT Min Speed	1.184	0.007	32.4	0.46	0.06	10.7

Load Performance at Base Speed

	RPM	HP	Torque	Volts	Freq-Hz	Amps
No Load	1199	0.0	0.0	460	60	5.8
1/4	1196	1.8	7.9	460	60	6.3
1/2	1192	3.7	16.4	460	60	7.5
3/4	1189	5.4	23.9	460	60	8.9
Full Load	1184	7.5	32.4	460	60	10.7
O/L	1163	14.7	66.4	460	60	19.8

Remarks: Calculated Data

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 DATE 7/21/2026

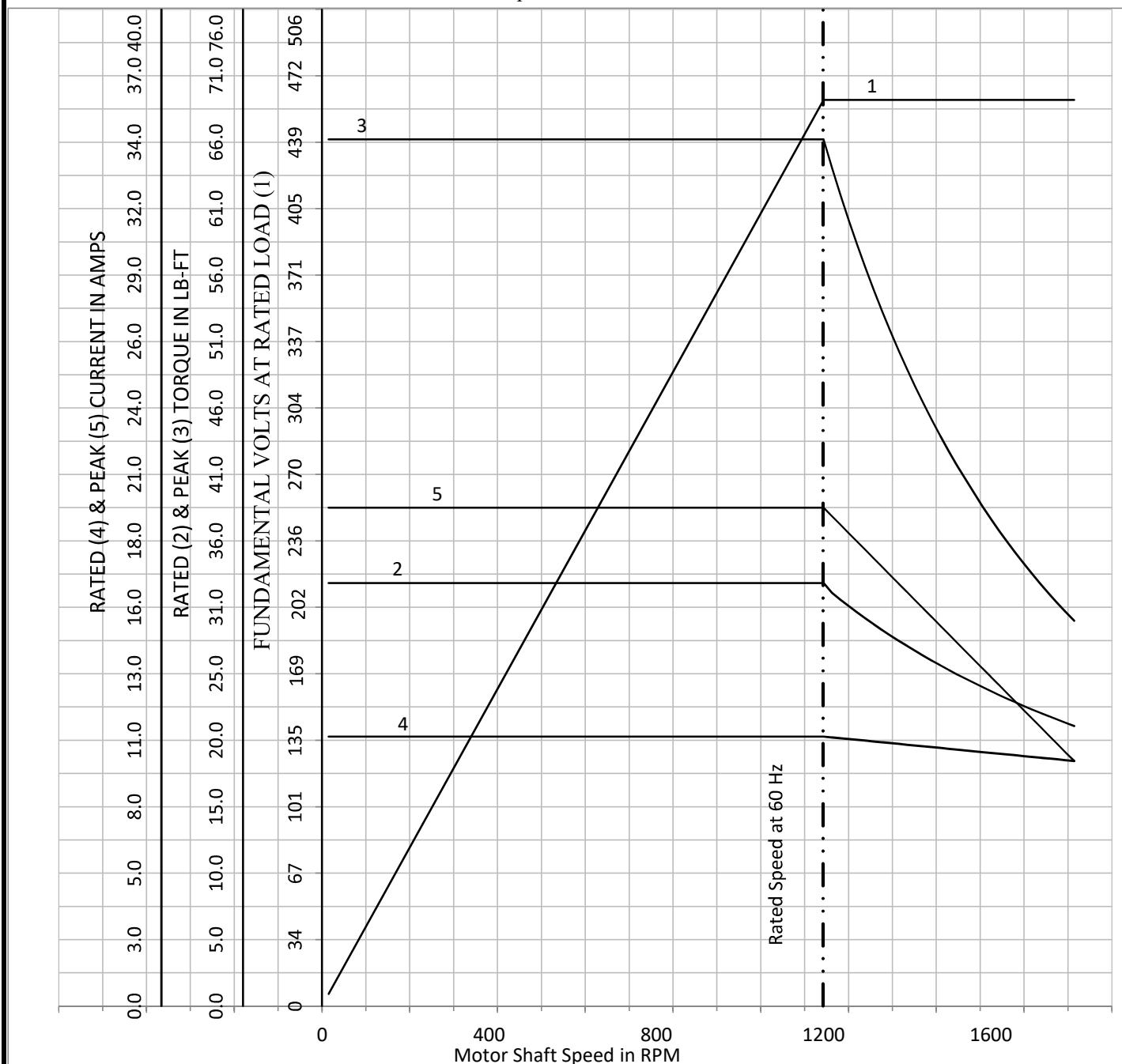
**A-C MOTOR
 PERFORMANCE
 CURVES**

09WGX827

Record: 20707

NP VOLTS	230/460	Base Volt 460 NL AMPS 5.84 Slip (HZ) 0.80 WK ² (lb-ft ²) 4.340	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	21.4/10.7		R1	0.473	X1	2.600
HP	7.5		R2	0.384	X2	2.660
BASE SPEED	1184				XM	43.300
PHASE/HZ	3/60					

Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only

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 DATE 7/21/2026

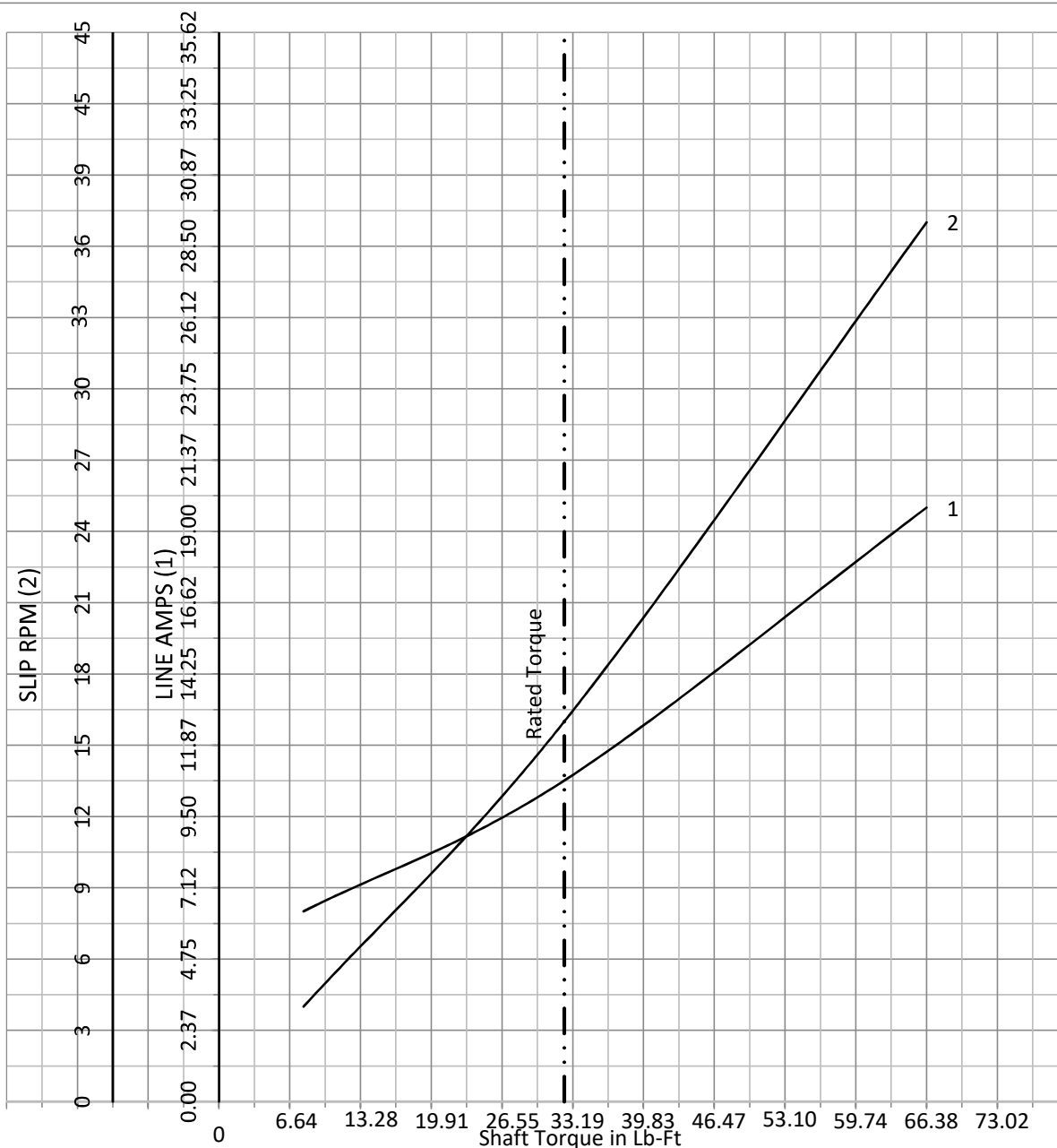
**A-C MOTOR
 PERFORMANCE
 CURVES**

09WGX827

Record: 20707

NP VOLTS	230/460	0	0	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	21.4/10.7	Base Volt	460	R1	0.473	X1	2.600
HP	7.5	NL AMPS	5.84	R2	0.384	X2	2.660
BASE SPEED	1184	Slip (HZ)	0.80			XM	43.300
PHASE/HZ	3/60	WK2 (lb-ft2)	4.340				

Vector PWM Inverter Duty
Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only

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APP BY USBRRANI
DATE 7/21/2026

**A-C MOTOR
PERFORMANCE
CURVES**

09WGX827

Record: 20707