

NP VOLTS	230/460	MAX SAFE RPM	5000	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	7.5HP	NL AMPS	5.8	R2	0.384	X2	2.660
BASE SPEED	1180	Slips (Hz)	0.80			XM	43.300
PHASE/HZ	3/60	WK ² (lb-ft ²)	4.34				

Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1184	7.3	32.4	460	60	10.7
Max Speed	1775	7.3	21.6	460	90	9.8
Min Speed	0	0.0	32.4	22.16	0.80	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	7.3	32.4	460	60	10.7
O/L	1164	14.6	65.8	460	60	20.0

Blower Data	Volts	Ph/Hz	FL Amps	LR Amps	Frame	CFM

Remarks: Calculated Data
Vector PWM Inverter Duty

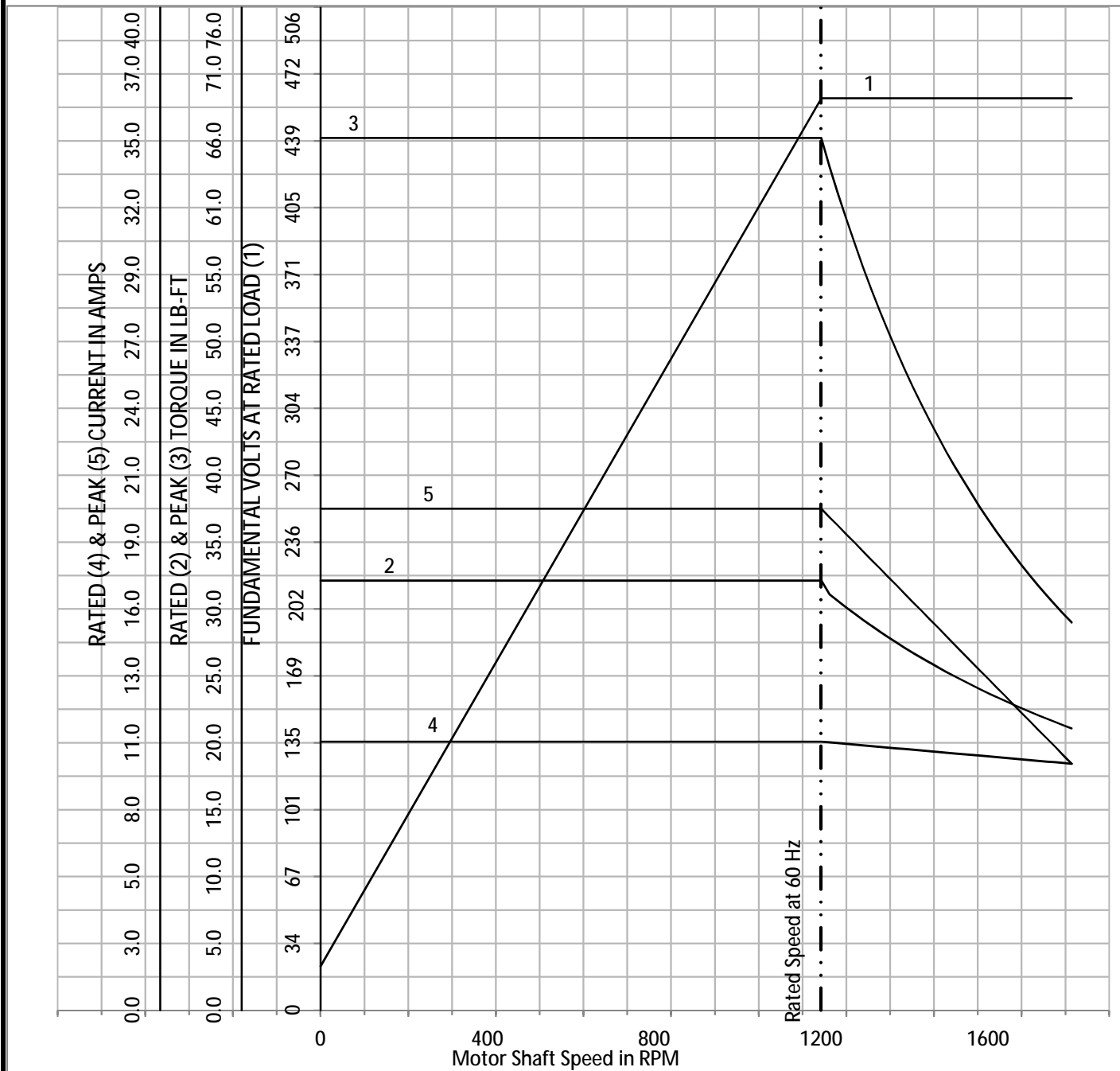


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A-C MOTOR **09WGX827**
 PERFORMANCE
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NP VOLTS	230/460	MAX SAFE RPM	5000	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
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HP	7.5HP	NL AMPS	5.84	R2	0.384	X2	2.660
BASE SPEED	1180	Slips (Hz)	0.80			XM	43.300
PHASE/HZ	3/60	WK2 (lb-ft2)	4.34				

Vector PWM Inverter Duty
Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only

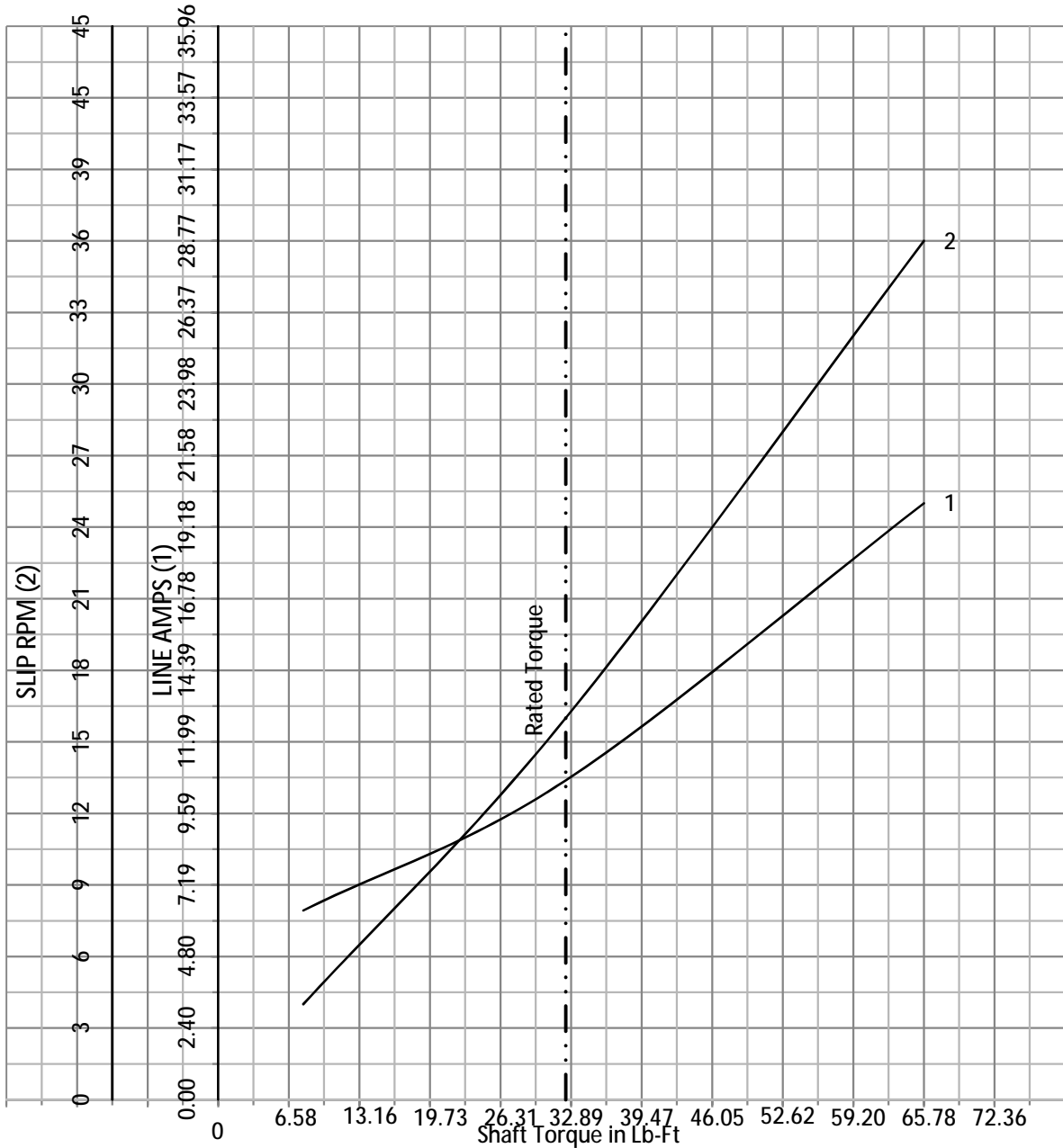


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NP VOLTS	230/460	MAX SAFE RPM	5000	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
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BASE SPEED	1180	Slips (Hz)	0.80			XM	43.300
PHASE/HZ	3/60	WK2 (lb-ft ²)	4.34				

Vector PWM Inverter Duty
Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only



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