

NP VOLTS	230/460	MAX SAFE RPM	2700	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	52/26	Base Volt	460	R1	0.131	X1	0.594
HP	20 HP	NL AMPS	14.50	R2	0.644	X2	0.478
BASE SPEED	1784	Slips(HZ)	0.53	R2B	0.094	X2B	0.811
PHASE/HZ	3/60	WK2 (LB-FT2)	4.440	R2E	0.027	XM	17.600

### Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1784	20.3	59.8	460	60	26.1
Max Speed	2676	20.3	39.8	460	90	23.5
Min Speed	0	0.0	59.8	13.24	0.53	26.1

### Load Performance at Base Speed

	RPM	HP	Torque	Volts	Freq-Hz	Amps
No Load	1799	0.0	0.0	460	60	14.5
1/4	1796	5.1	15.0	460	60	15.6
1/2	1792	10.2	30.0	460	60	18.2
3/4	1788	15.3	44.8	460	60	21.7
Full Load	1784	20.3	59.8	460	60	26.1
O/L	1765	40.7	121.0	460	60	47.5

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

Remarks: Calculated Data  
Vector PWM Inverter Duty

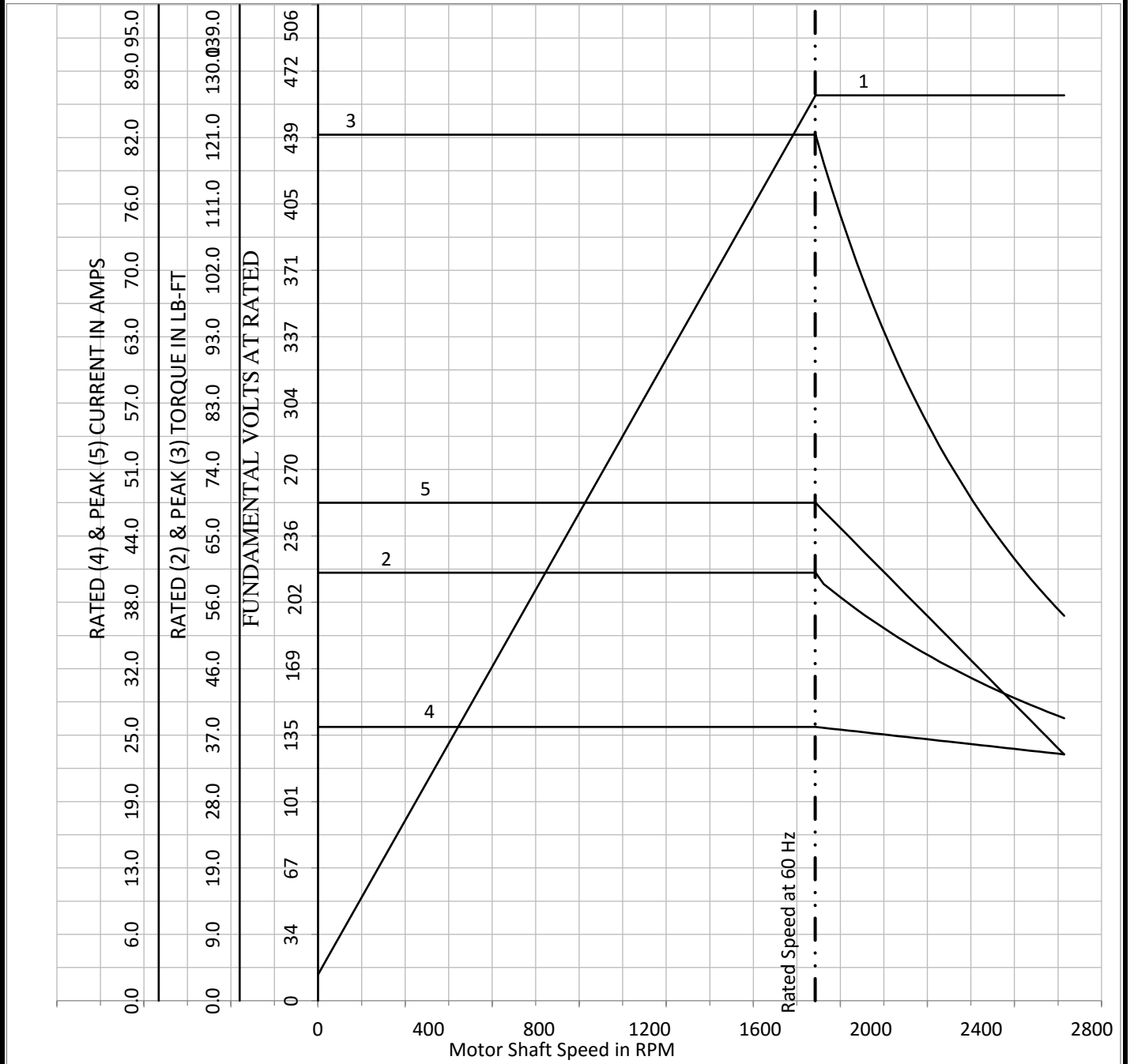


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**A-C MOTOR PERFORMANCE CURVES**  
**10GW586**  
 Record: 2299

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Vector PWM Inverter Duty  
Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only



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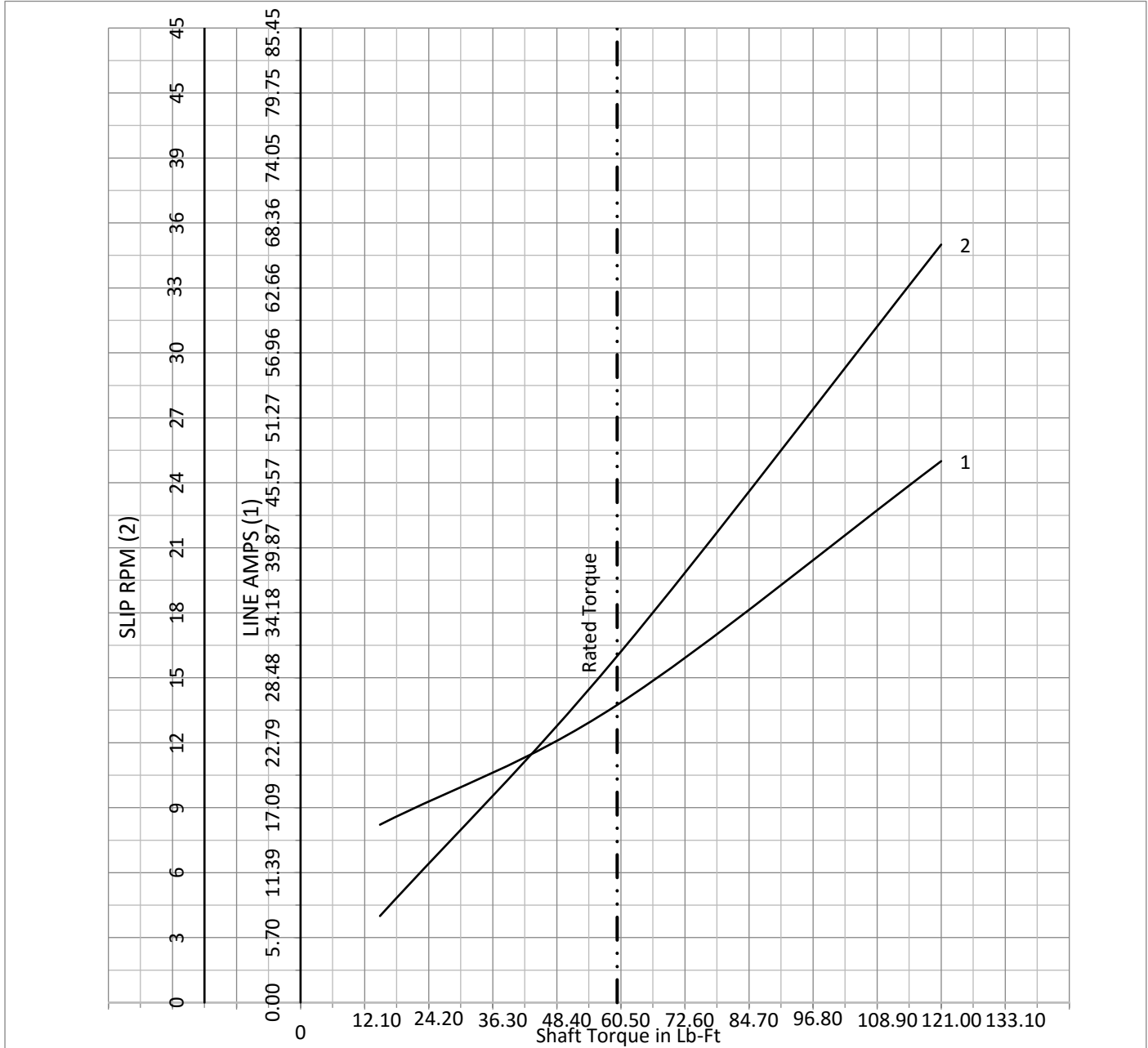
**A-C MOTOR PERFORMANCE CURVES**  
**10WGW586**  
 Record: 2299

NP VOLTS 230/460  
 NP AMPS 52/26  
 HP 20 HP  
 BASE SPEED 1784  
 PHASE/HZ 3/60

MAX SAFE RPM 2700  
 Base Volt 460  
 NL AMPS 14.50  
 Slips(HZ) 0.53  
 WK2 (LB-FT2) 4.440

WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
R1	0.131	X1	0.594
R2	0.644	X2	0.478
R2B	0.094	X2B	0.811
R2E	0.027	XM	17.600

Vector PWM Inverter Duty  
 Vaiable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only



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**A-C MOTOR  
 PERFORMANCE  
 CURVES**

**10WG586**

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