

NP VOLTS	230/460	Base Volt	460	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)				
NP AMPS	45446		R1	3.320	X1	6.760		
HP	2		NL AMPS	1.85	R2	1.870	X2	5.300
BASE SPEED	1762		Slip (HZ)	1.27			XM	132.000
PHASE/HZ	3/60		WK <sup>2</sup> (lb-ft <sup>2</sup> )	0.223				

### Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1762	2.0	6.0	460	60	3.0
Max Speed	2643	2.0	4.0	460	90	2.6
CT Min Speed	1.762	0.002	6.0	0.46	0.06	3.0

### Load Performance at Base Speed

	RPM	HP	Torque	Volts	Freq-Hz	Amps
No Load	1796	0.0	0.0	460	60	1.9
1/4	1791	0.5	1.5	460	60	2.0
1/2	1782	1.0	2.9	460	60	2.2
3/4	1773	1.5	4.5	460	60	2.5
Full Load	1762	2.0	6.0	460	60	3.0
O/L	1726	4.0	12.3	460	60	5.2

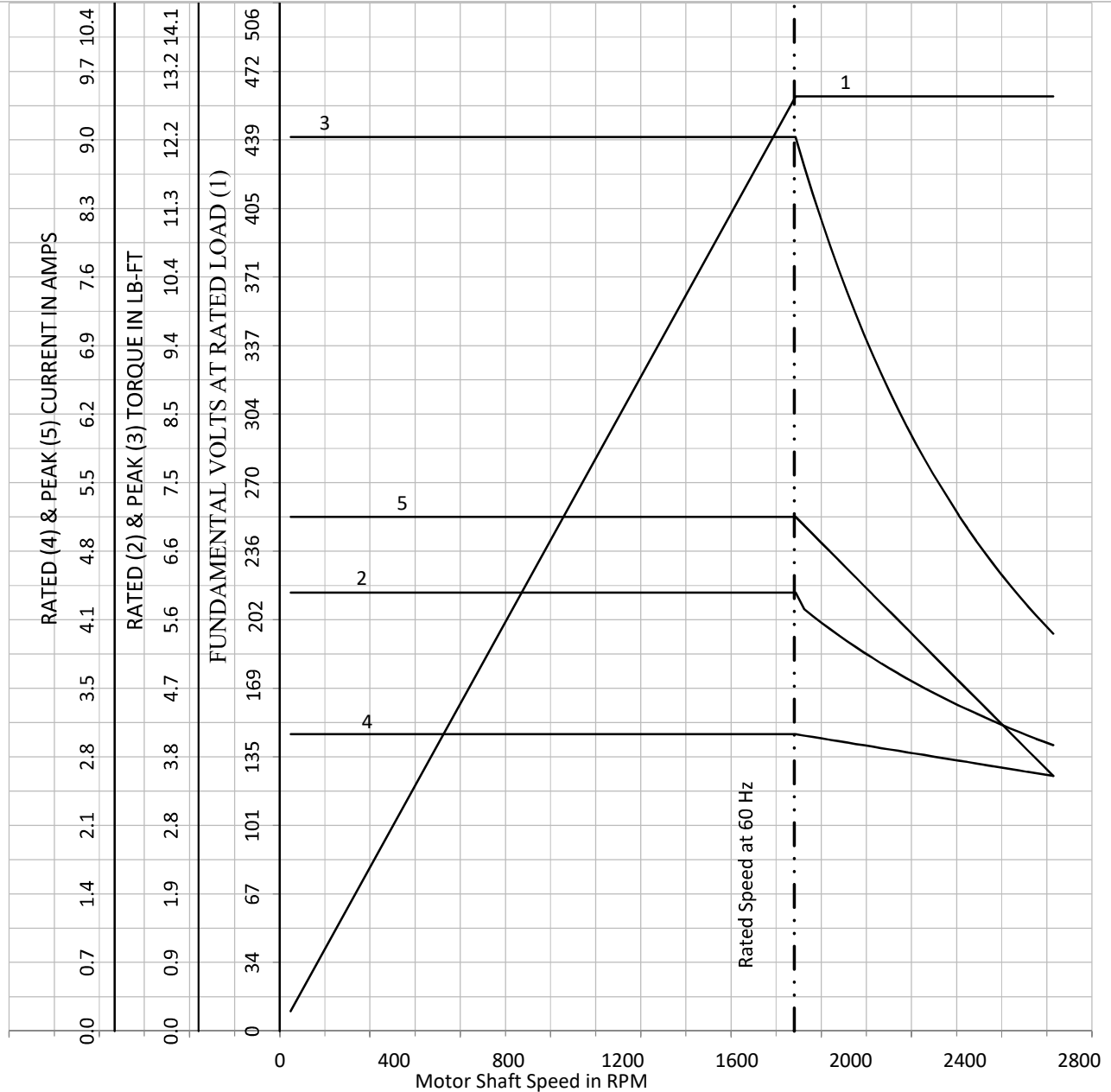
Blower Data	Volts	Ph/Hz	FL Amps	LR Amps	Frame	CFM

Remarks: Calculated Data

<b>BALDOR • RELIANCE</b>	DR BY	USBRRAN1	<b>A-C MOTOR PERFORMANCE CURVES</b>	<b>06WGX813</b>
	CK BY	CD		
	APP BY	USBRRAN1		
	DATE	11/1/2024		
				Record: 58281

NP VOLTS	230/460	Base Volt	460	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	45446		R1	3.320	X1	6.760	
HP	2	NL AMPS	1.85	R2	1.870	X2	5.300
BASE SPEED	1762	Slip (HZ)	1.27			XM	132.000
PHASE/HZ	3/60	WK <sup>2</sup> (lb-ft <sup>2</sup> )	0.223				

Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only



DR BY USBRRAN1  
 CK BY CD  
 APP BY USBRRAN1  
 DATE 11/1/2024

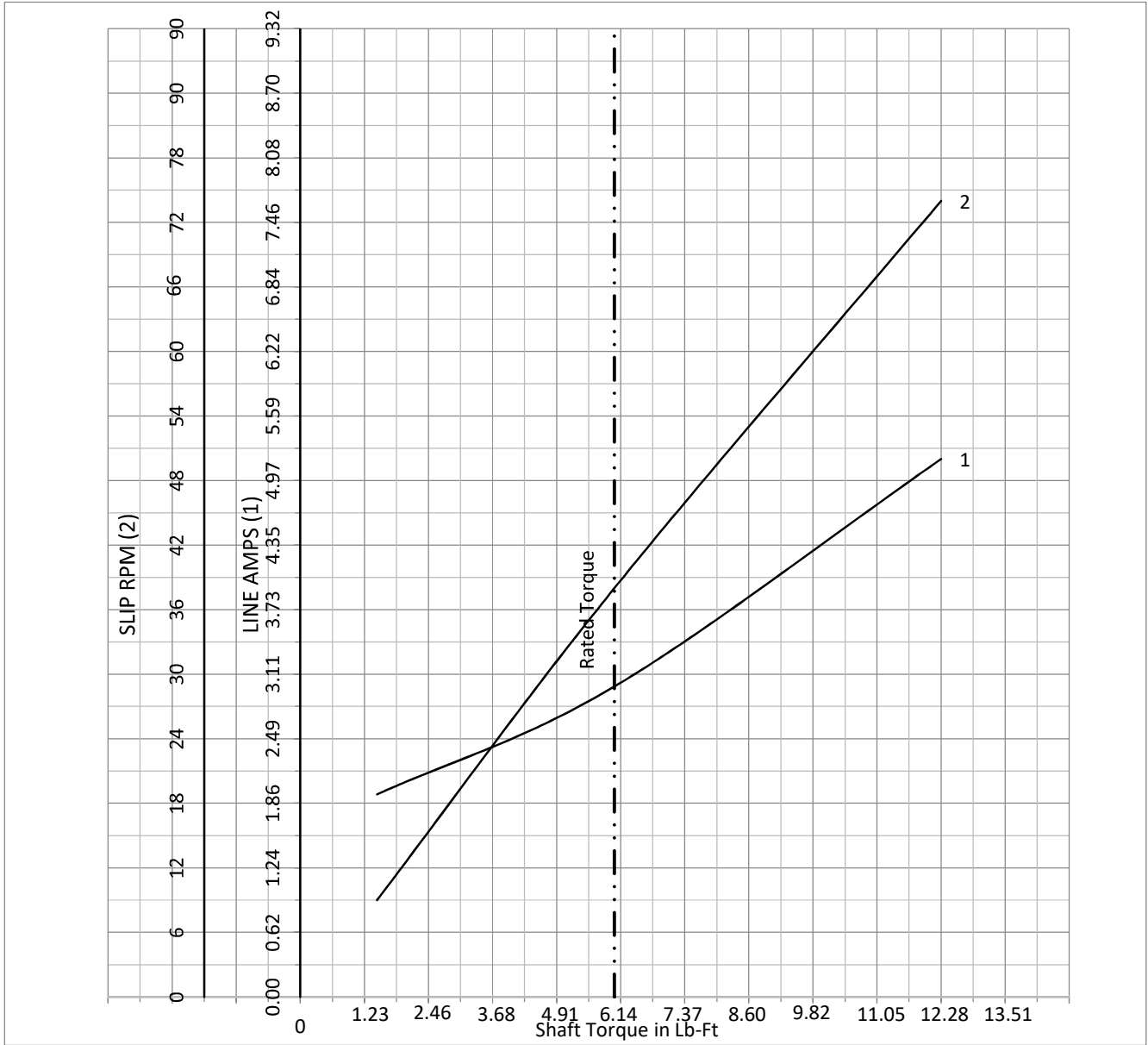
**A-C MOTOR  
 PERFORMANCE  
 CURVES**

**06WGX813**

Record: 58281

NP VOLTS	230/460	0	0	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	45446	Base Volt	460	R1	3.320	X1	6.760
HP	2	NL AMPS	1.85	R2	1.870	X2	5.300
BASE SPEED	1762	Slip (HZ)	1.27			XM	132.000
PHASE/HZ	3/60	WK2 (lb-ft2)	0.223				

Vector PWM Inverter Duty  
Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only



DR BY USBRRAN1  
 CK BY CD  
 APP BY USBRRAN1  
 DATE 11/1/2024

**A-C MOTOR  
 PERFORMANCE  
 CURVES**

**06WGX813**

Record: 58281