

NP VOLTS	230/460	Base Volt 460 NL AMPS 2.46 Slip (HZ) 1.20 WK <sup>2</sup> (lb-ft <sup>2</sup> ) 0.984	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	12.4/6.2		R1	1.200	X1	4.150
HP	5		R2	0.716	X2	3.240
BASE SPEED	1764				XM	105.000
PHASE/HZ	3/60					

### Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1764	4.9	14.7	460	60	6.2
Max Speed	2645	4.9	9.8	460	90	5.9
CT Min Speed	1.764	0.005	14.7	0.46	0.06	6.2

### Load Performance at Base Speed

	RPM	HP	Torque	Volts	Freq-Hz	Amps
No Load	1799	0.0	0.0	460	60	2.5
1/4	1792	1.2	3.6	460	60	2.8
1/2	1783	2.5	7.2	460	60	3.7
3/4	1774	3.7	11.0	460	60	4.9
Full Load	1764	4.9	14.7	460	60	6.2
O/L	1727	9.9	30.0	460	60	12.5

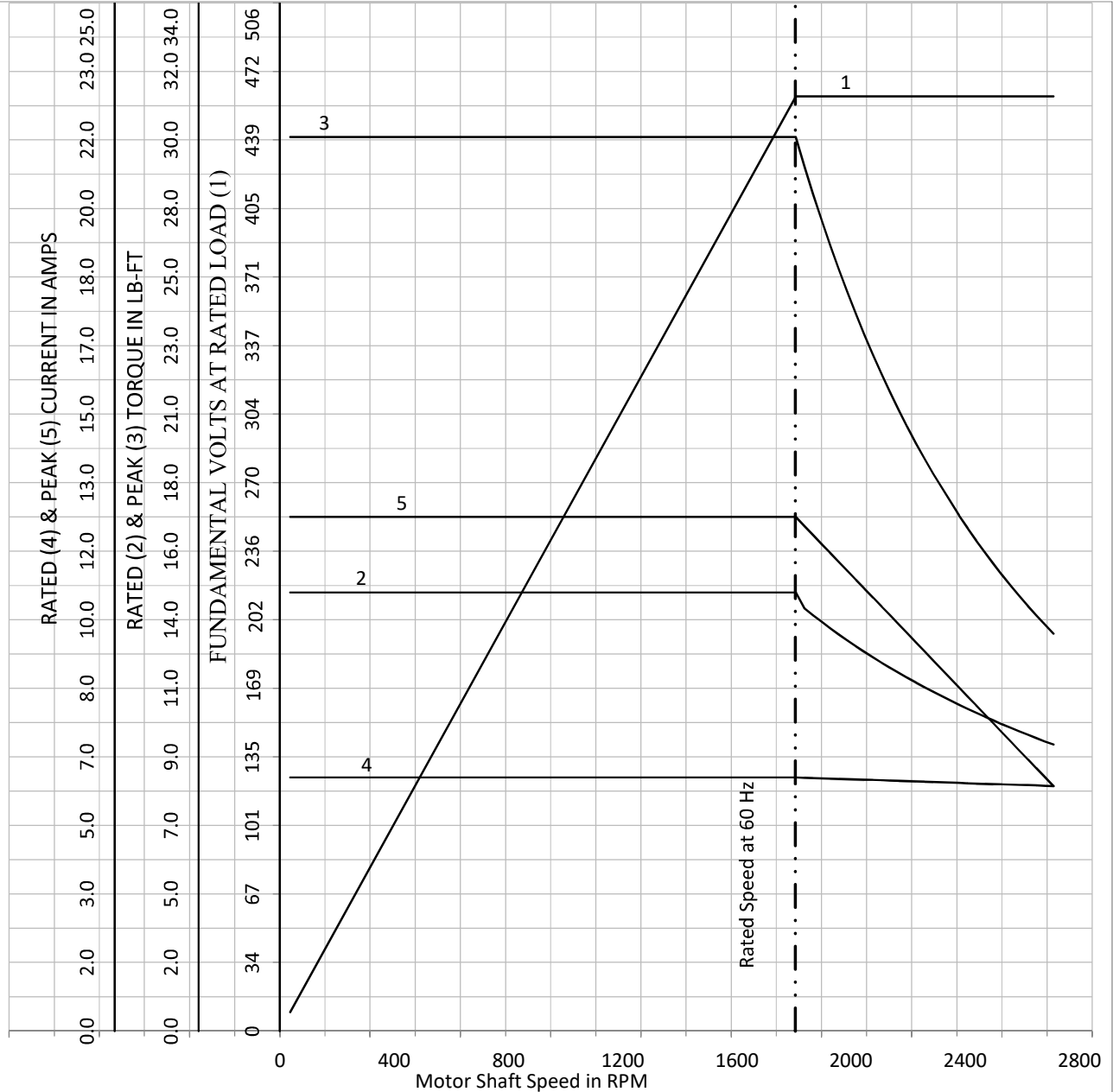
Blower Data	Volts	Ph/Hz	FL Amps	LR Amps	Frame	CFM

Remarks: Calculated Data

<b>BALDOR • RELIANCE</b>	DR BY	USBRRAN1	<b>A-C MOTOR PERFORMANCE CURVES</b>	<b>07WGY566</b>
	CK BY	CD		
	APP BY	USBRRAN1		
	DATE	11/5/2024		
				Record: 62111

NP VOLTS	230/460	Base Volt	460	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)				
NP AMPS	12.4/6.2		NL AMPS	2.46	R1	1.200	X1	4.150
HP	5		Slip (HZ)	1.20	R2	0.716	X2	3.240
BASE SPEED	1764		WK <sup>2</sup> (lb-ft <sup>2</sup> )	0.984			XM	105.000
PHASE/HZ	3/60							

Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only



DR BY USBRRAN1  
 CK BY CD  
 APP BY USBRRAN1  
 DATE 11/5/2024

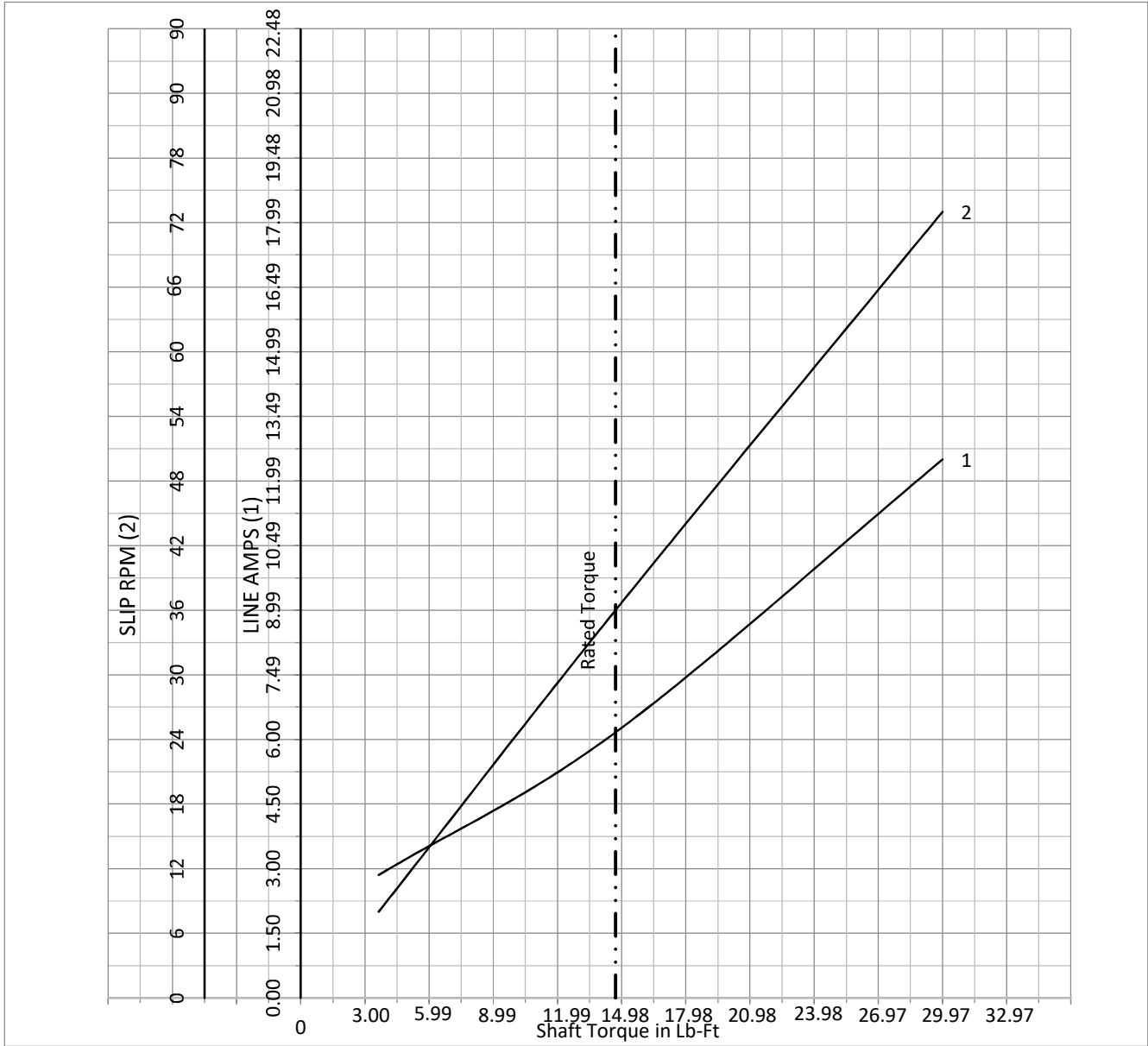
**A-C MOTOR  
 PERFORMANCE  
 CURVES**

**07WGY566**

Record: 62111

NP VOLTS	230/460	0	0	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)		
NP AMPS	12.4/6.2	Base Volt	460	R1	1.200	X1 4.150
HP	5	NL AMPS	2.46	R2	0.716	X2 3.240
BASE SPEED	1764	Slip (HZ)	1.20			XM 105.000
PHASE/HZ	3/60	WK2 (lb-ft2)	0.984			

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 11/5/2024

**A-C MOTOR  
 PERFORMANCE  
 CURVES**

**07WGY566**

Record: 62111