

NP VOLTS	230/460	Base Volt 460 NL AMPS 12.40 Slip (HZ) 0.75 WK <sup>2</sup> (lb-ft <sup>2</sup> ) 5.630	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	42/21		R1	0.265	X1	0.998
HP	15		R2	0.163	X2	1.200
BASE SPEED	1185				XM	19.000
PHASE/HZ	3/60					

### Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1185	15.1	66.7	460	60	21.3
Max Speed	1778	15.0	44.4	460	90	18.0
CT Min Speed	1.185	0.015	66.7	0.46	0.06	21.3

### Load Performance at Base Speed

	RPM	HP	Torque	Volts	Freq-Hz	Amps
No Load	1199	0.0	0.0	460	60	12.4
1/4	1196	3.8	16.5	460	60	13.2
1/2	1193	7.5	32.8	460	60	15.1
3/4	1189	11.3	49.7	460	60	17.9
Full Load	1185	15.1	66.7	460	60	21.3
O/L	1170	30.1	135.0	460	60	37.6

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

Remarks: Calculated Data



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

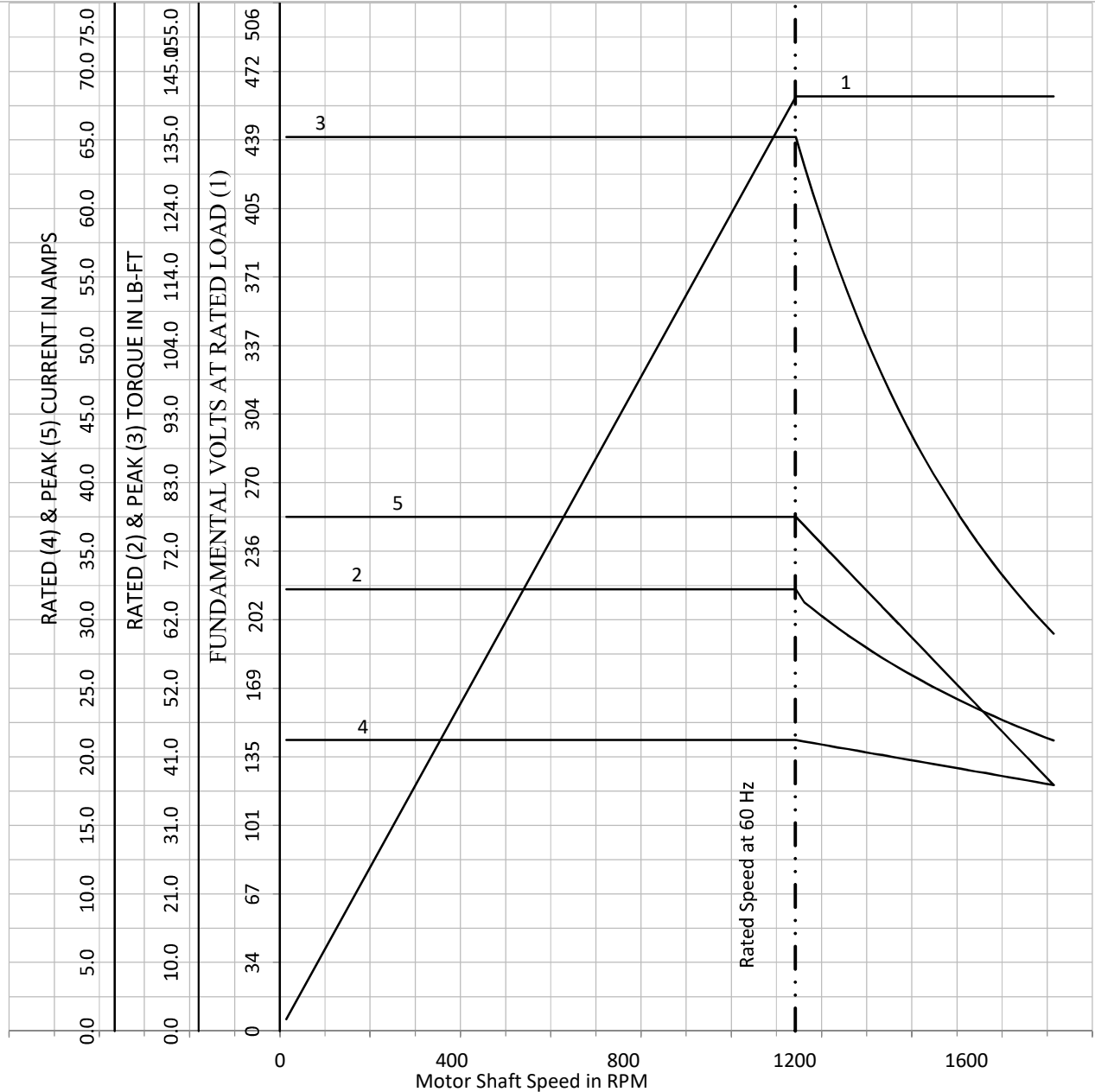
**A-C MOTOR  
 PERFORMANCE  
 CURVES**

**10WGY561**

Record: 68450

NP VOLTS	230/460	Base Volt	460	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)				
NP AMPS	42/21		R1	0.265	X1	0.998		
HP	15		NL AMPS	12.40	R2	0.163	X2	1.200
BASE SPEED	1185		Slip (HZ)	0.75			XM	19.000
PHASE/HZ	3/60		WK <sup>2</sup> (lb-ft <sup>2</sup> )	5.630				

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

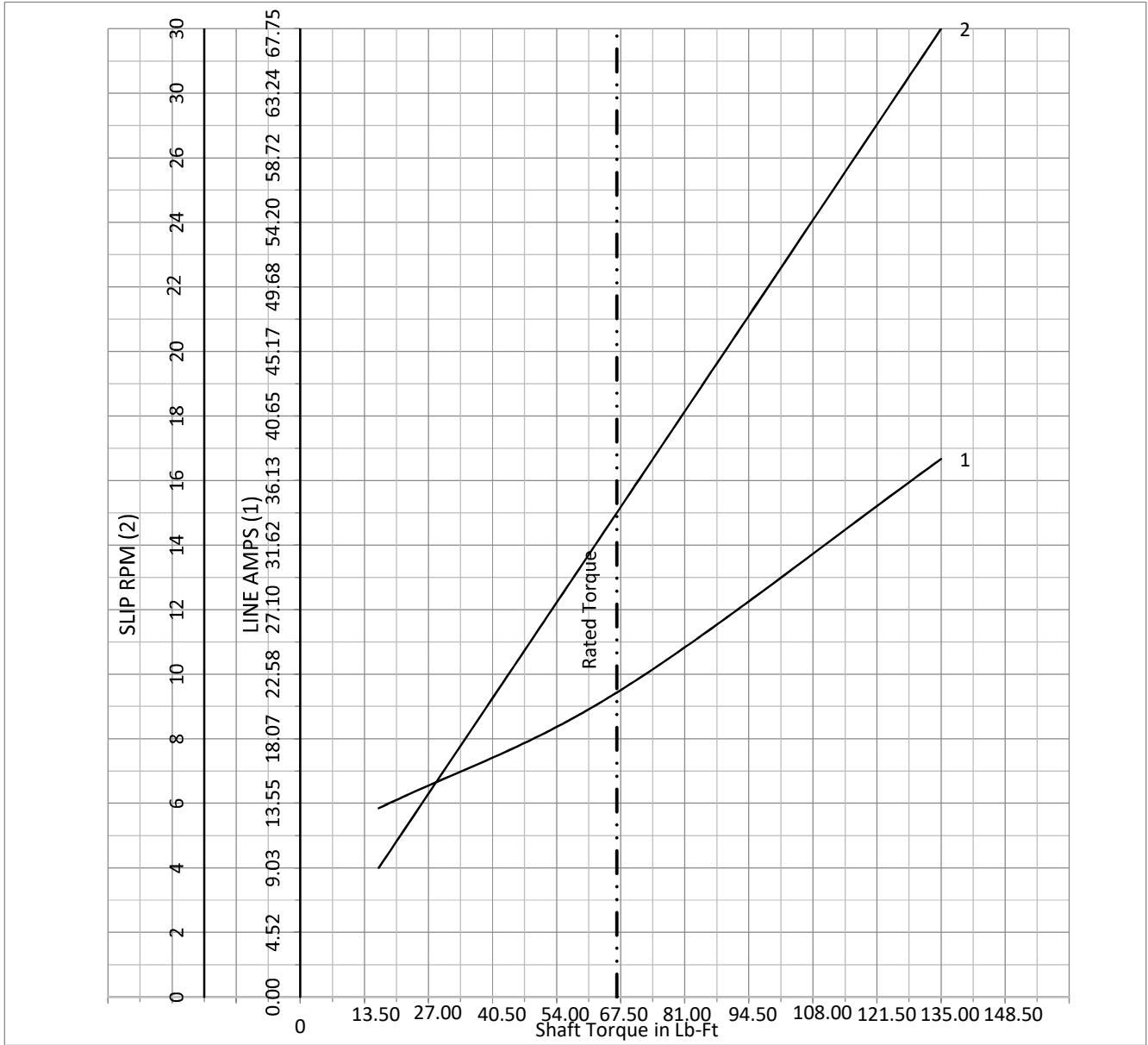
**A-C MOTOR  
 PERFORMANCE  
 CURVES**

**10WGY561**

Record: 68450

NP VOLTS	230/460	0	0	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	42/21	Base Volt	460	R1	0.265	X1	0.998
HP	15	NL AMPS	12.40	R2	0.163	X2	1.200
BASE SPEED	1185	Slip (HZ)	0.75			XM	19.000
PHASE/HZ	3/60	WK2 (lb-ft <sup>2</sup> )	5.630				

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**

**10WGY561**

Record: 68450