

NP VOLTS	230/460			WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	4.2/2.1	Base Volt	460	R1	5.320	X1	7.810
HP	1.5	NL AMPS	1.29	R2	2.080	X2	5.860
BASE SPEED	1769	Slip (HZ)	1.03			XM	197.000
PHASE/HZ	3/60	WK ² (lb-ft ²)	0.217				

Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1769	1.5	4.5	460	60	2.1
Max Speed	2653	1.5	3.0	460	90	1.9
CT Min Speed	1.769	0.002	4.5	0.46	0.06	2.1

Load Performance at Base Speed

	RPM	HP	Torque	Volts	Freq-Hz	Amps
No Load	1798	0.0	0.0	460	60	1.3
1/4	1790	0.4	1.1	460	60	1.4
1/2	1783	0.8	2.3	460	60	1.5
3/4	1776	1.1	3.3	460	60	1.8
Full Load	1769	1.5	4.5	460	60	2.1
O/L	1740	3.0	9.1	460	60	3.7

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

Remarks: Calculated Data

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 DATE 12/19/2023

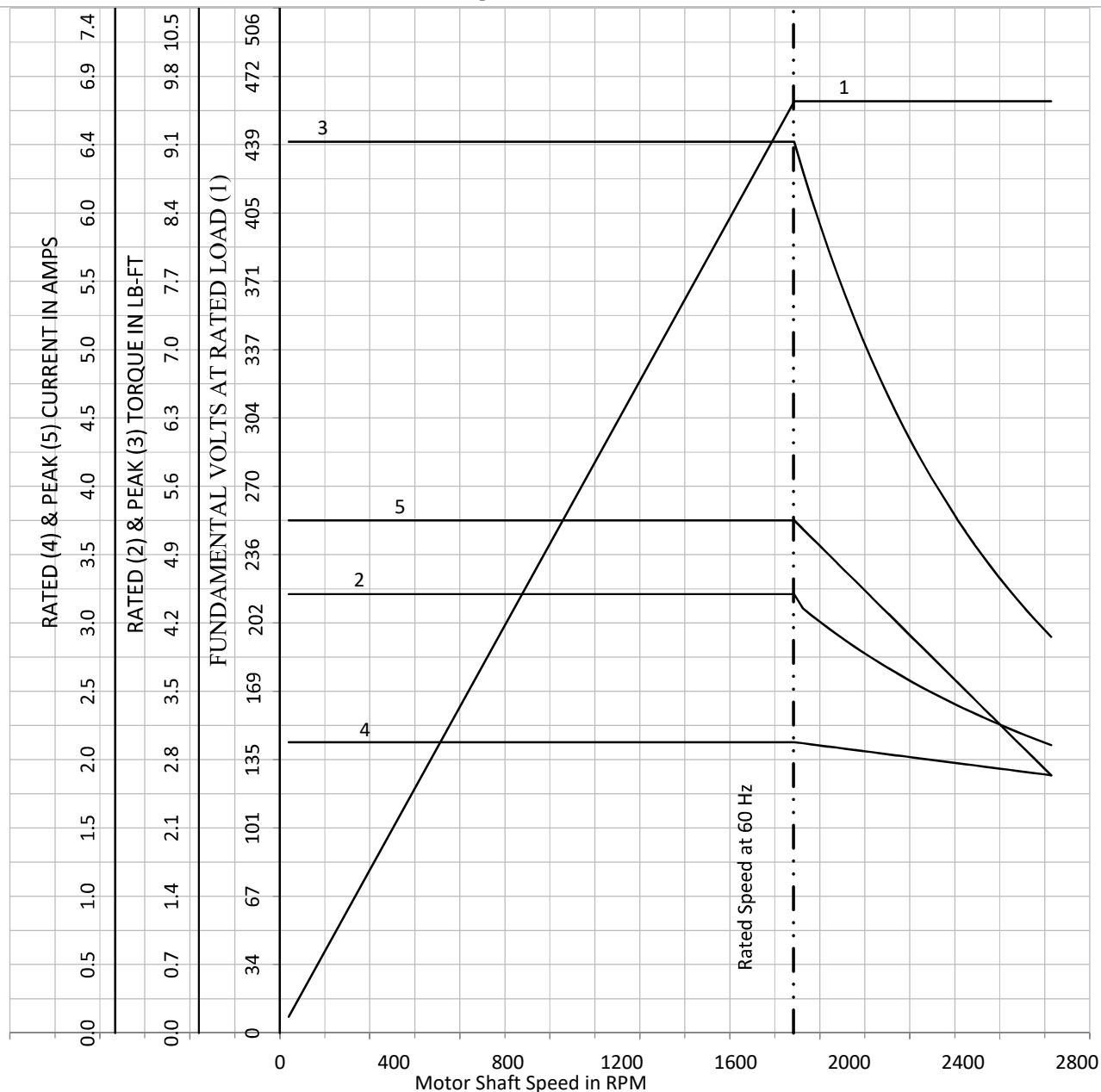
**A-C MOTOR
 PERFORMANCE
 CURVES**

05WGX543

Record: 82095

NP VOLTS	230/460	Base Volt	460	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)	
NP AMPS	4.2/2.1	NL AMPS	1.29	R1	5.320 X1 7.810
HP	1.5	Slip (HZ)	1.03	R2	2.080 X2 5.860
BASE SPEED	1769	WK ² (lb-ft ²)	0.217		XM 197.000
PHASE/HZ	3/60				

Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only

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 APP BY USBRRAN1
 DATE 12/19/2023

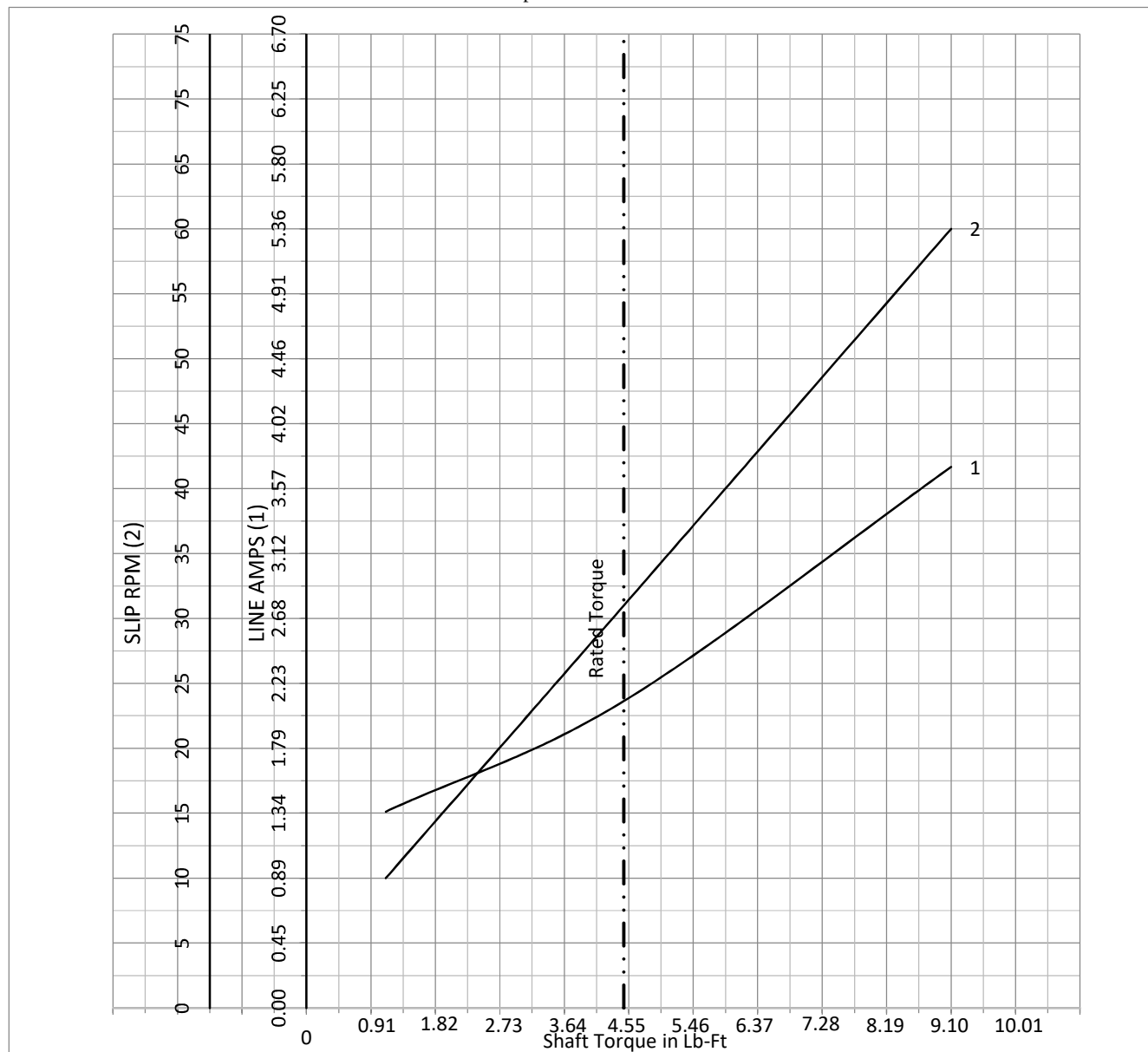
**A-C MOTOR
 PERFORMANCE
 CURVES**

05WGX543

Record: 82095

NP VOLTS	230/460	0	0	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	4.2/2.1	Base Volt	460	R1	5.320	X1	7.810
HP	1.5	NL AMPS	1.29	R2	2.080	X2	5.860
BASE SPEED	1769	Slip (HZ)	1.03			XM	197.000
PHASE/HZ	3/60	WK2 (lb-ft2)	0.217				

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**

05WGX543

Record: 82095