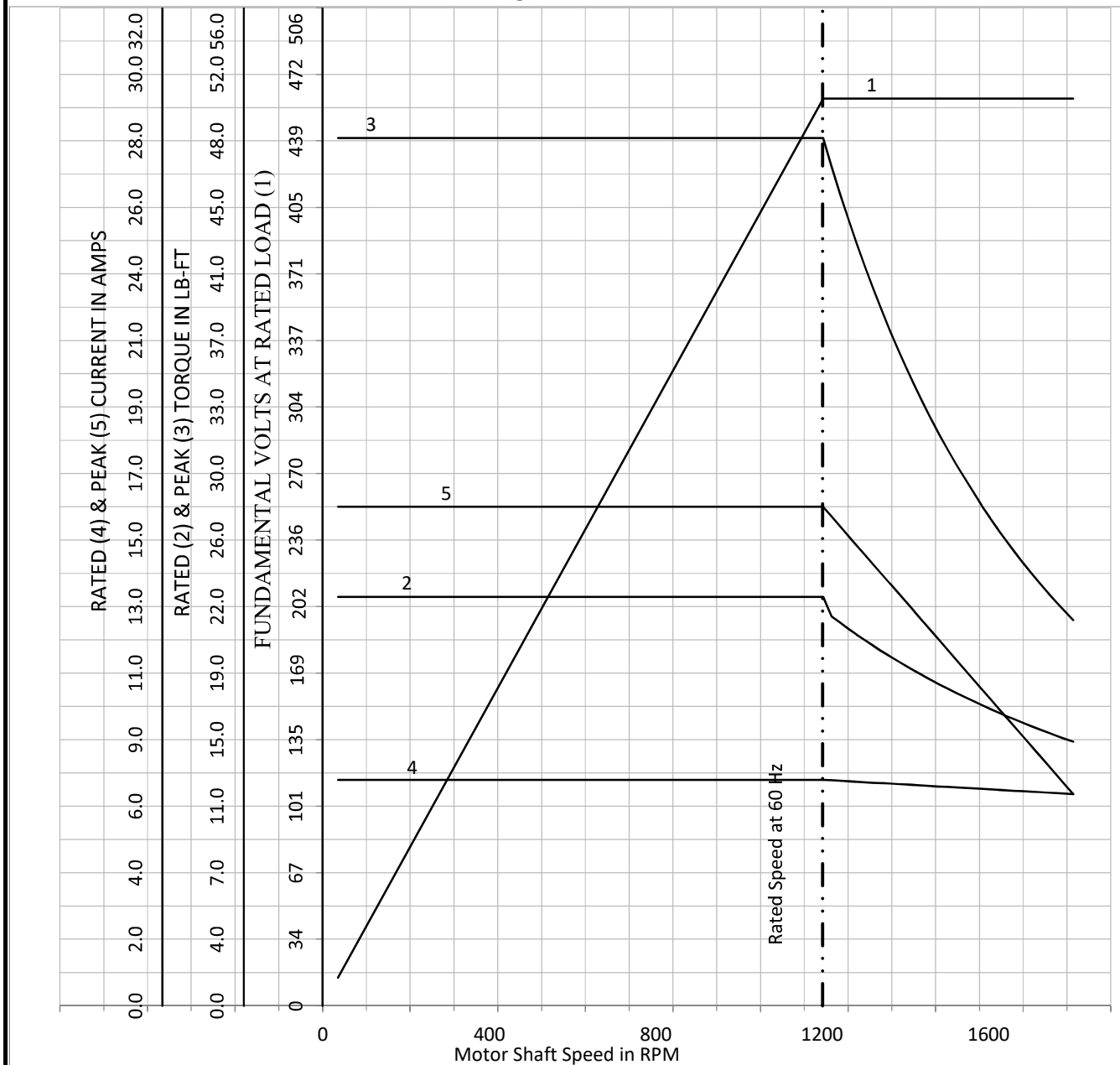


NP VOLTS	230/460			WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	14.6/7.3	Base Volt	460	R1	0.000	X1	0.000
HP	5	NL AMPS	3.70	R2	0.000	X2	0.000
BASE SPEED	1163	Slip (HZ)	1.85			XM	0.000
PHASE/HZ	3/60	WK ² (lb-ft ²)	1.190				

Rated Full Load Data						
	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1163	5.1	22.8	460	60	7.3
Max Speed	1741	5.0	15.2	460	90	6.8
CT Min Speed	1.163	0.005	22.8	0.46	0.06	7.3
Load Performance at Base Speed						
	RPM	HP	Torque	Volts	Freq-Hz	Amps
No Load	1199	0.0	0.0	460	60	3.7
1/4	1190	1.3	5.6	460	60	4.0
1/2	1181	2.5	11.0	460	60	4.8
3/4	1173	3.7	16.7	460	60	5.9
Full Load	1163	5.1	22.8	460	60	7.3
O/L	1095	10.1	48.4	460	60	16.1
Blower Data	Volts	Ph/Hz	FL Amps	LR Amps	Frame	CFM
Remarks: Calculated Data						
				DR BY <u>USBRRAN1</u> CK BY <u>CD</u> APP BY <u>USBRRAN1</u> DATE <u>11/5/2024</u>		A-C MOTOR PERFORMANCE CURVES 07WGX823 Record: 36499

NP VOLTS	230/460	Base Volt	460	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)	
NP AMPS	14.6/7.3	NL AMPS	3.70	R1	0.000 X1 0.000
HP	5	Slip (HZ)	1.85	R2	0.000 X2 0.000
BASE SPEED	1163	WK ² (lb-ft ²)	1.190		XM 0.000
PHASE/HZ	3/60				

Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only

BALDOR • RELIANCE

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

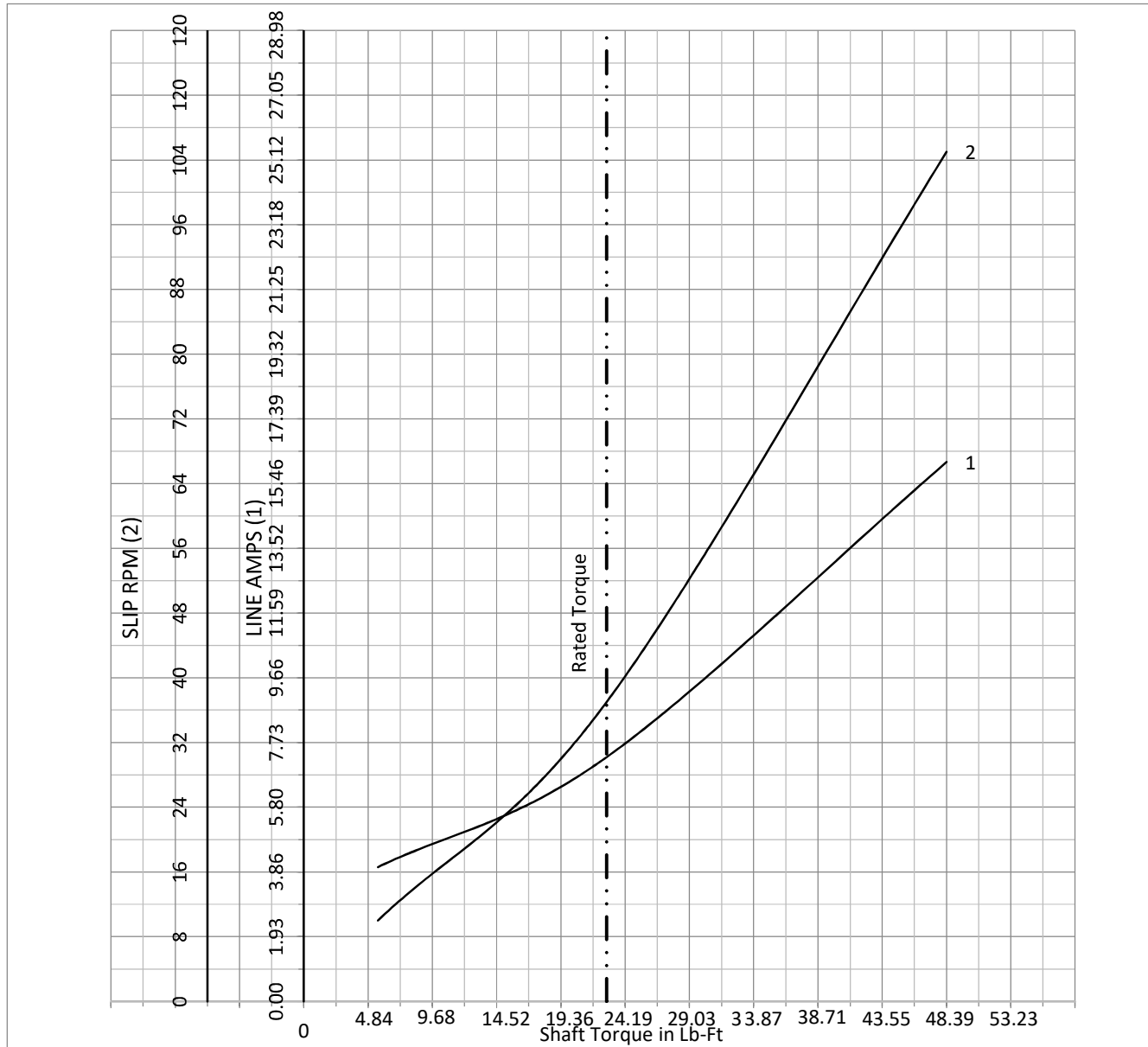
**A-C MOTOR
 PERFORMANCE
 CURVES**

07WGX823

Record: 36499

NP VOLTS	230/460	0	0	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	14.6/7.3	Base Volt	460	R1	0.000	X1	0.000
HP	5	NL AMPS	3.70	R2	0.000	X2	0.000
BASE SPEED	1163	Slip (HZ)	1.85			XM	0.000
PHASE/HZ	3/60	WK2 (lb-ft2)	1.190				

Vector PWM Inverter Duty
Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only

BALDOR • RELIANCE

DR BY USBRRAN1

CK BY CD

APP BY USBRRAN1

DATE 11/5/2024

**A-C MOTOR
PERFORMANCE
CURVES**

07WGX823

Record: 36499