

NP VOLTS	230/460	Base Volt 460 NL AMPS 2.32 Slip (HZ) 1.55 WK ² (lb-ft ²) 0.945	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	9/4.5		R1	1.380	X1	7.300
HP	3		R2	1.660	X2	6.590
BASE SPEED	1169				XM	94.400
PHASE/HZ	3/60					

Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1169	3.0	13.5	460	60	4.5
Max Speed	1752	3.0	9.0	460	90	4.1
CT Min Speed	1.169	0.003	13.5	0.46	0.06	4.5

Load Performance at Base Speed

	RPM	HP	Torque	Volts	Freq-Hz	Amps
No Load	1199	0.0	0.0	460	60	2.3
1/4	1191	0.8	3.4	460	60	2.6
1/2	1184	1.5	6.7	460	60	3.1
3/4	1176	2.3	10.1	460	60	3.7
Full Load	1169	3.0	13.5	460	60	4.5
O/L	1128	6.0	27.9	460	60	8.6

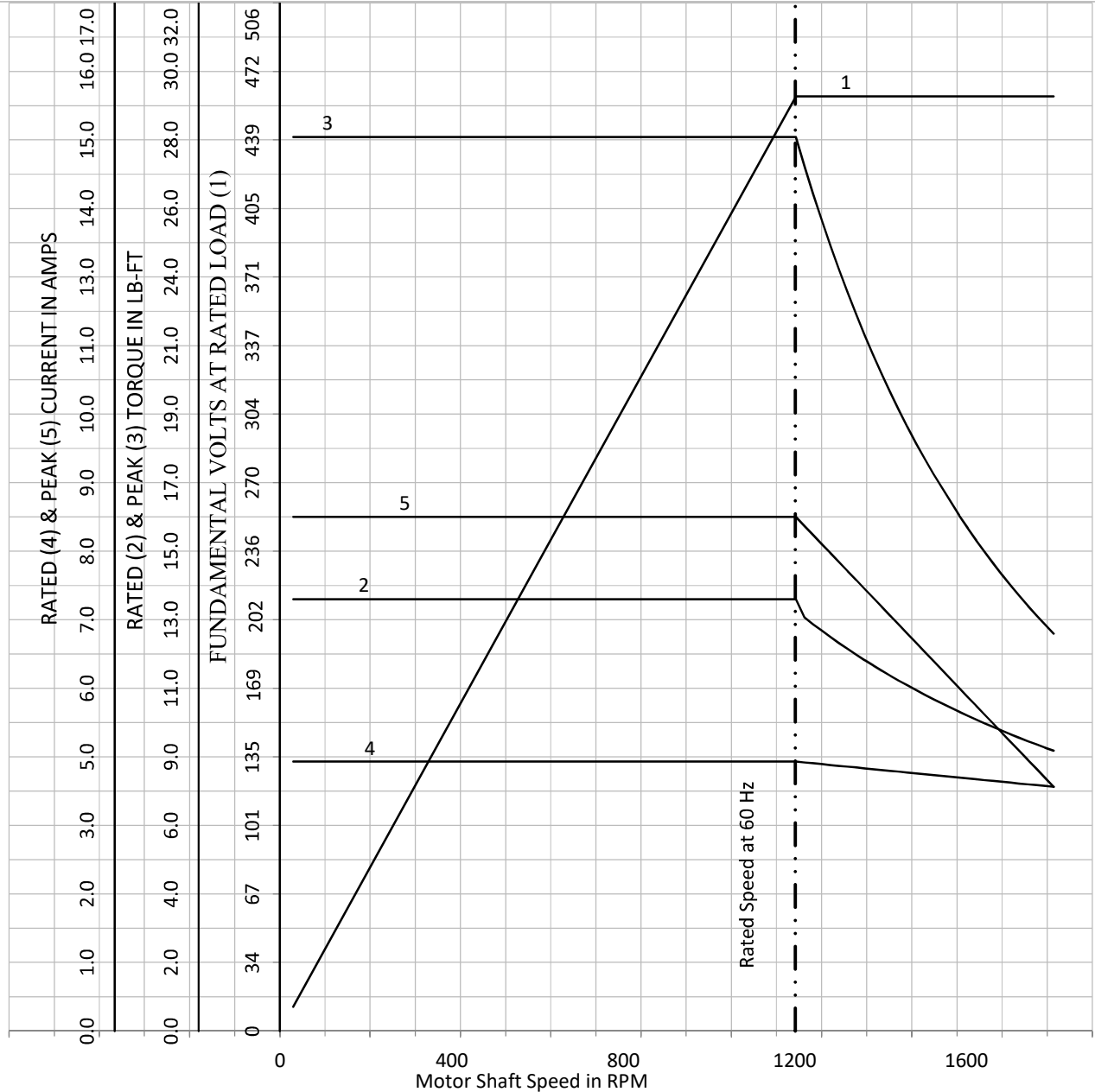
Blower Data	Volts	Ph/Hz	FL Amps	LR Amps	Frame	CFM

Remarks: Calculated Data

BALDOR • RELIANCE	DR BY	USBRRAN1	A-C MOTOR PERFORMANCE CURVES	07WGX822
	CK BY	CD		
	APP BY	USBRRAN1		
	DATE	11/5/2024		
			Record:	109146

NP VOLTS	230/460	Base Volt	460	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)				
NP AMPS	9/4.5		NL AMPS	2.32	R1	1.380	X1	7.300
HP	3		Slip (HZ)	1.55	R2	1.660	X2	6.590
BASE SPEED	1169		WK ² (lb-ft ²)	0.945			XM	94.400
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

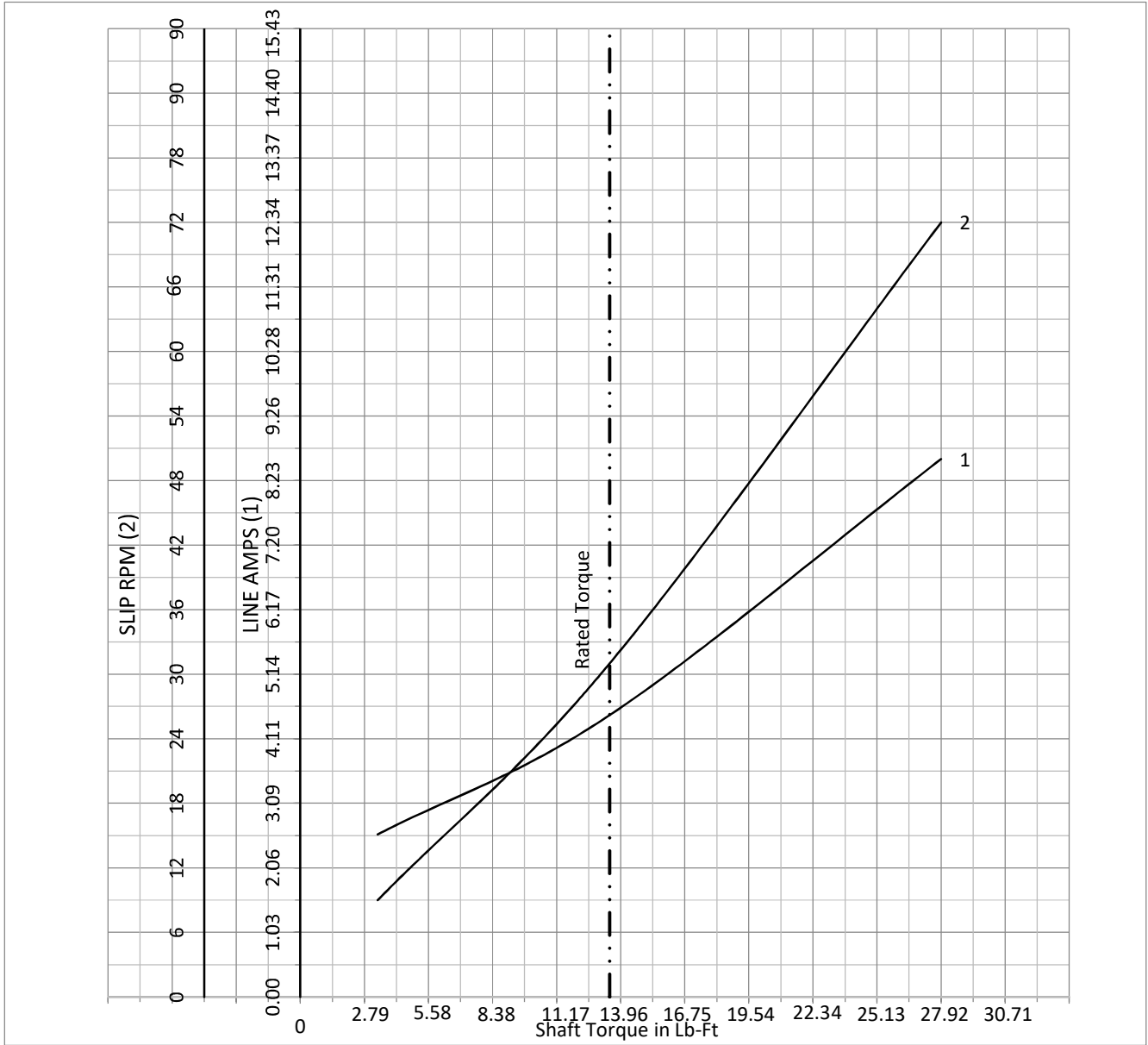
**A-C MOTOR
 PERFORMANCE
 CURVES**

07WGX822

Record: 109146

NP VOLTS	230/460	0	0	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	9/4.5	Base Volt	460	R1	1.380	X1	7.300
HP	3	NL AMPS	2.32	R2	1.660	X2	6.590
BASE SPEED	1169	Slip (HZ)	1.55			XM	94.400
PHASE/HZ	3/60	WK2 (lb-ft ²)	0.945				

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**

07WGX822

Record: 109146