

NP VOLTS	230/460			WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	8.6/4.3	Base Volt	460	R1	1.890	X1	5.040
HP	3	NL AMPS	2.45	R2	1.340	X2	4.290
BASE SPEED	1765	Slip (HZ)	1.17			XM	113.000
PHASE/HZ	3/60	WK ² (lb-ft ²)	0.335				

Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1765	3.0	9.0	460	60	4.3
Max Speed	3528	3.0	4.5	460	120	3.8
CT Min Speed	1.765	0.003	9.0	0.46	0.06	4.3

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	1791	0.8	2.3	460	60	2.7
1/2	1783	1.5	4.5	460	60	3.0
3/4	1774	2.3	6.7	460	60	3.6
Full Load	1765	3.0	9.0	460	60	4.3
O/L	1765	3.0	9.0	460	60	4.3

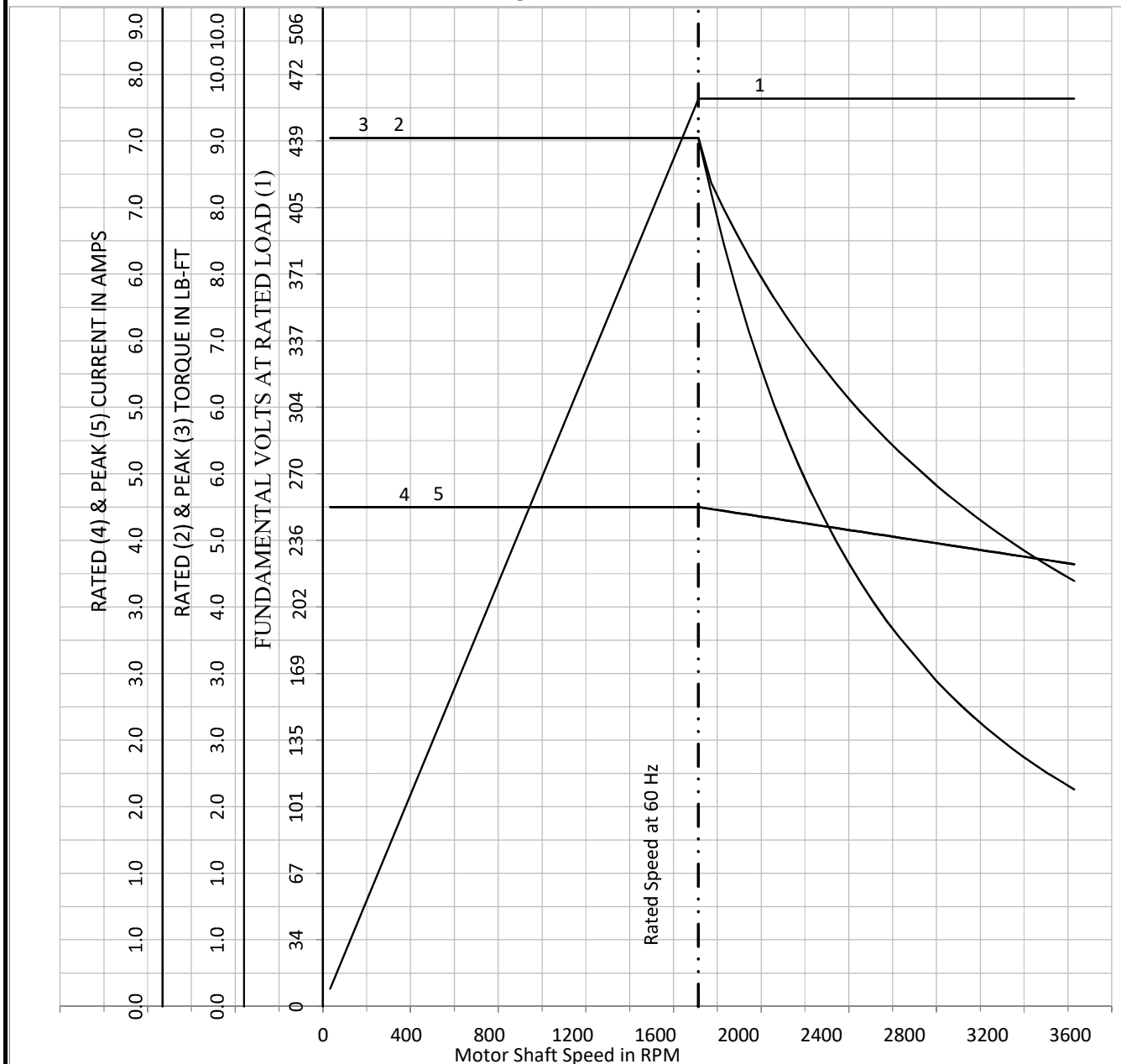
Blower Data	Volts	Ph/Hz	FL Amps	LR Amps	Frame	CFM

Remarks: Calculated Data

	DR BY	<u>USJIJON</u>	A-C MOTOR PERFORMANCE CURVES	06WGX370 Record: 66036
	CK BY	<u>CD</u>		
	APP BY	<u>USJIJON</u>		
	DATE	<u>11/1/2024</u>		

NP VOLTS	230/460	Base Volt	460	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	8.6/4.3	NL AMPS	2.45	R1	1.890	X1	5.040
HP	3	Slip (HZ)	1.17	R2	1.340	X2	4.290
BASE SPEED	1765	WK ² (lb-ft ²)	0.335			XM	113.000
PHASE/HZ	3/60						

Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only

BALDOR • RELIANCE

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

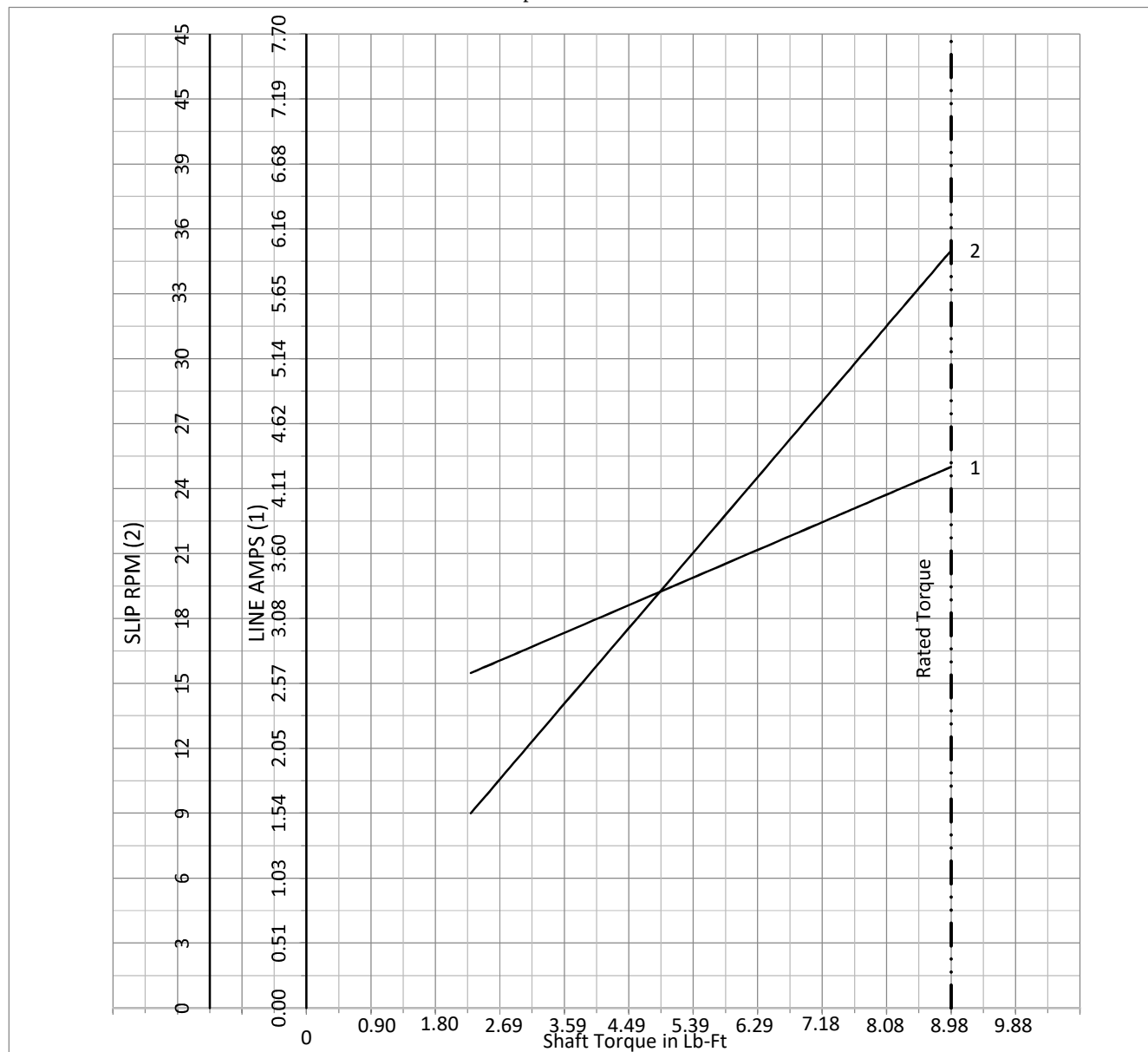
**A-C MOTOR
 PERFORMANCE
 CURVES**

06WGX370

Record: 66036

NP VOLTS	230/460	0	0	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	8.6/4.3	Base Volt	460	R1	1.890	X1	5.040
HP	3	NL AMPS	2.45	R2	1.340	X2	4.290
BASE SPEED	1765	Slip (HZ)	1.17			XM	113.000
PHASE/HZ	3/60	WK2 (lb-ft2)	0.335				

Vector PWM Inverter Duty
Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only

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

**A-C MOTOR
PERFORMANCE
CURVES**

06WGX370

Record: 66036