

NP VOLTS	575	Base Volt 575 NL AMPS 2.70 Slip (HZ) 1.50 WK ² (lb-ft ²) 0.372	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	5.2		R1	2.040	X1	4.350
HP	5		R2	1.650	X2	3.400
BASE SPEED	1755				XM	123.000
PHASE/HZ	3/60					

Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1755	5.0	15.0	575	60	5.1
Max Speed	2632	5.0	10.0	575	90	4.7
CT Min Speed	1.755	0.005	15.0	0.58	0.06	5.1

Load Performance at Base Speed

	RPM	HP	Torque	Volts	Freq-Hz	Amps
No Load	1799	0.0	0.0	575	60	2.7
1/4	1789	1.3	3.8	575	60	2.9
1/2	1778	2.5	7.5	575	60	3.4
3/4	1767	3.8	11.3	575	60	4.2
Full Load	1755	5.0	15.0	575	60	5.1
O/L	1705	10.0	30.9	575	60	9.7

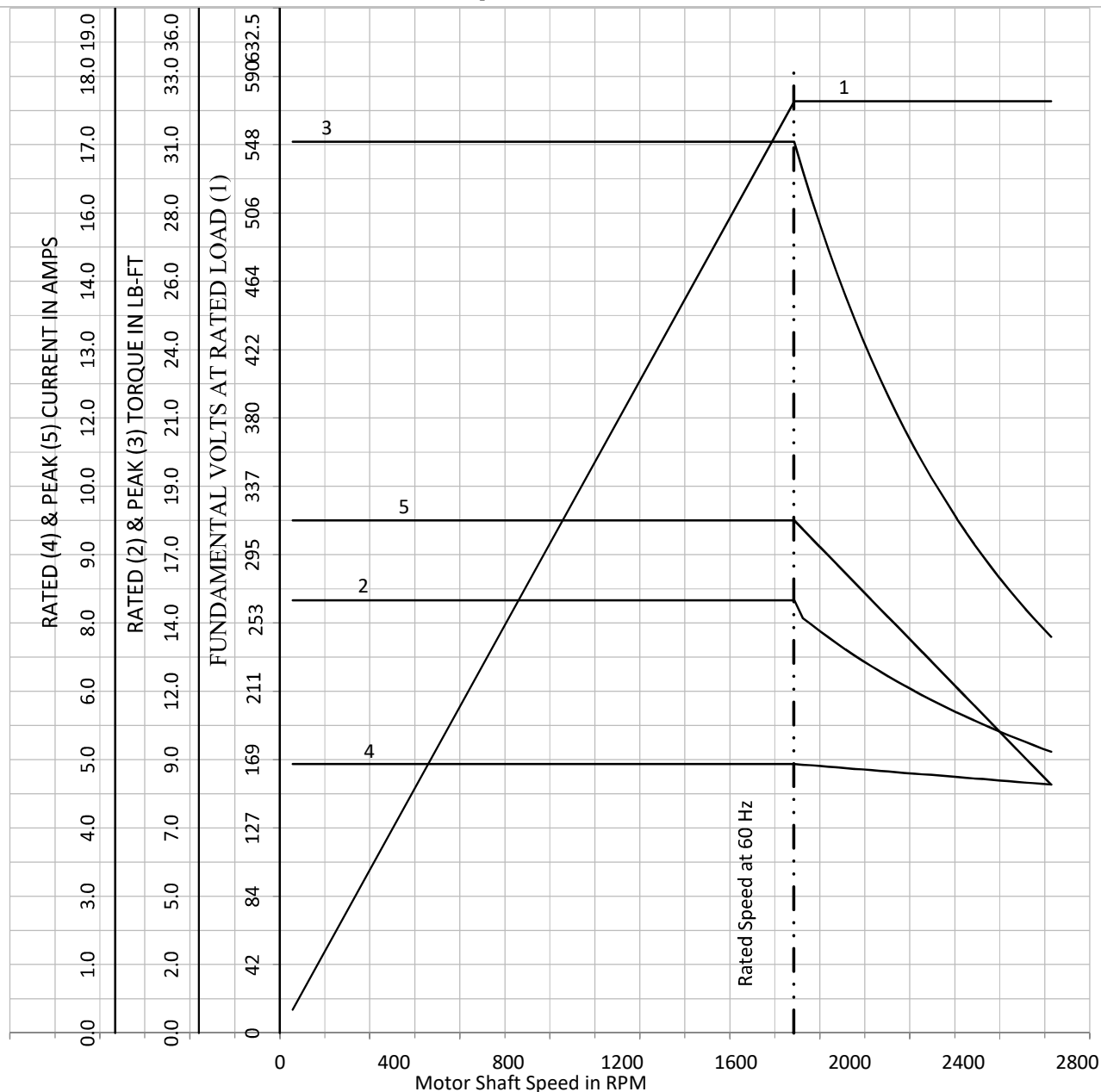
Blower Data	Volts	Ph/Hz	FL Amps	LR Amps	Frame	CFM

Remarks: Calculated Data

	DR BY	<u>USBRRAN1</u>	A-C MOTOR PERFORMANCE CURVES	06WGW357 Record: 58461
	CK BY	<u>CD</u>		
	APP BY	<u>USBRRAN1</u>		
	DATE	<u>11/1/2024</u>		

NP VOLTS	575	Base Volt575 NL AMPS2.70 Slip (HZ)1.50 WK² (lb-ft²)0.372	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	5.2		R1	2.040	X1	4.350
HP	5		R2	1.650	X2	3.400
BASE SPEED	1755				XM	123.000
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 11/1/2024

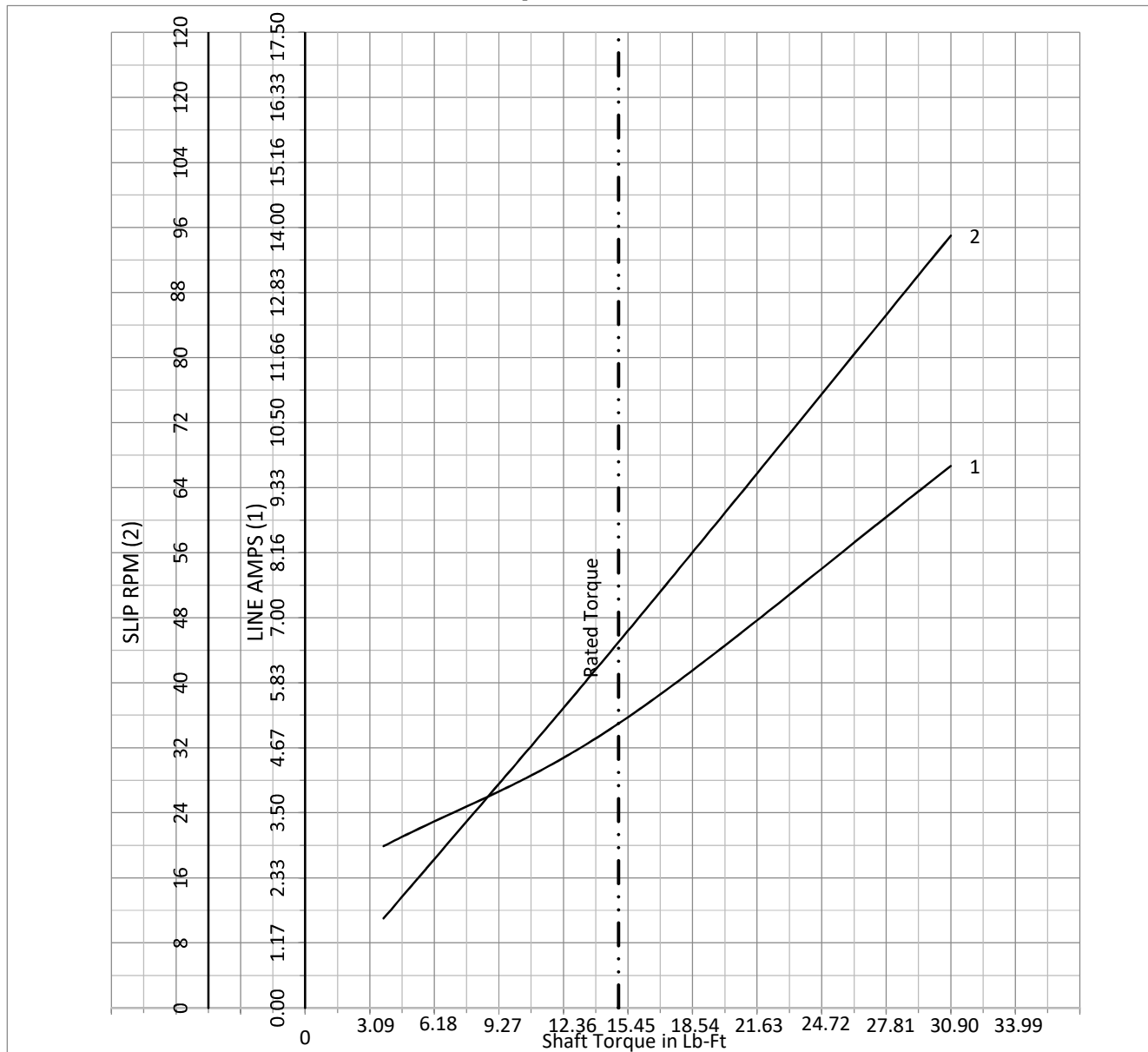
**A-C MOTOR
 PERFORMANCE
 CURVES**

06WGW357

Record: 58461

NP VOLTS	575	0	0	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	5.2	Base Volt	575	R1	2.040	X1	4.350
HP	5	NL AMPS	2.70	R2	1.650	X2	3.400
BASE SPEED	1755	Slip (HZ)	1.50			XM	123.000
PHASE/HZ	3/60	WK2 (lb-ft2)	0.372				

Vector PWM Inverter Duty
Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only

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

**A-C MOTOR
PERFORMANCE
CURVES**

06WGW357

Record: 58461