

Catalog	0	NP VOLTS	230/460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
FRAME	215TC	NP AMPS	25/12.5	MAX SAFE RPM	2700	R1	0.507	X1	1.970
HP	10	DUTY	Cont	NL AMPS	5.12	R2	0.342	X2	1.580
BASE SPEED	1760	S.F.	1.00	P.F. @NL/FL	4.4/82			XM	48.300
PHASE/HZ	3/60	AMB ⁰ C/INSUL	40/F	WK ² (lb-ft ²)	1.18				

Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1762	10.0	29.8	460	60	12.3
Max Speed	2642	10.0	19.9	460	90	11.7
Min Speed	0	0.0	29.8	26.67	1.33	12.3

Load Performance at Base Speed

	RPM	HP	Torque	Volts	Freq-Hz	Amps
No Load	1799	0.0	0.0	460	60	5.1
1/4	1790	2.5	7.3	460	60	5.8
1/2	1781	5.0	14.7	460	60	7.5
3/4	1771	7.5	22.3	460	60	9.8
Full Load	1762	10.0	29.8	460	60	12.3
O/L	1728	20.0	60.7	460	60	24.4

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

Remarks: Calculated Data
Vector PWM Inverter Duty



DR BY JJ
CK BY
APP BY JJ
DATE 6/17/2015

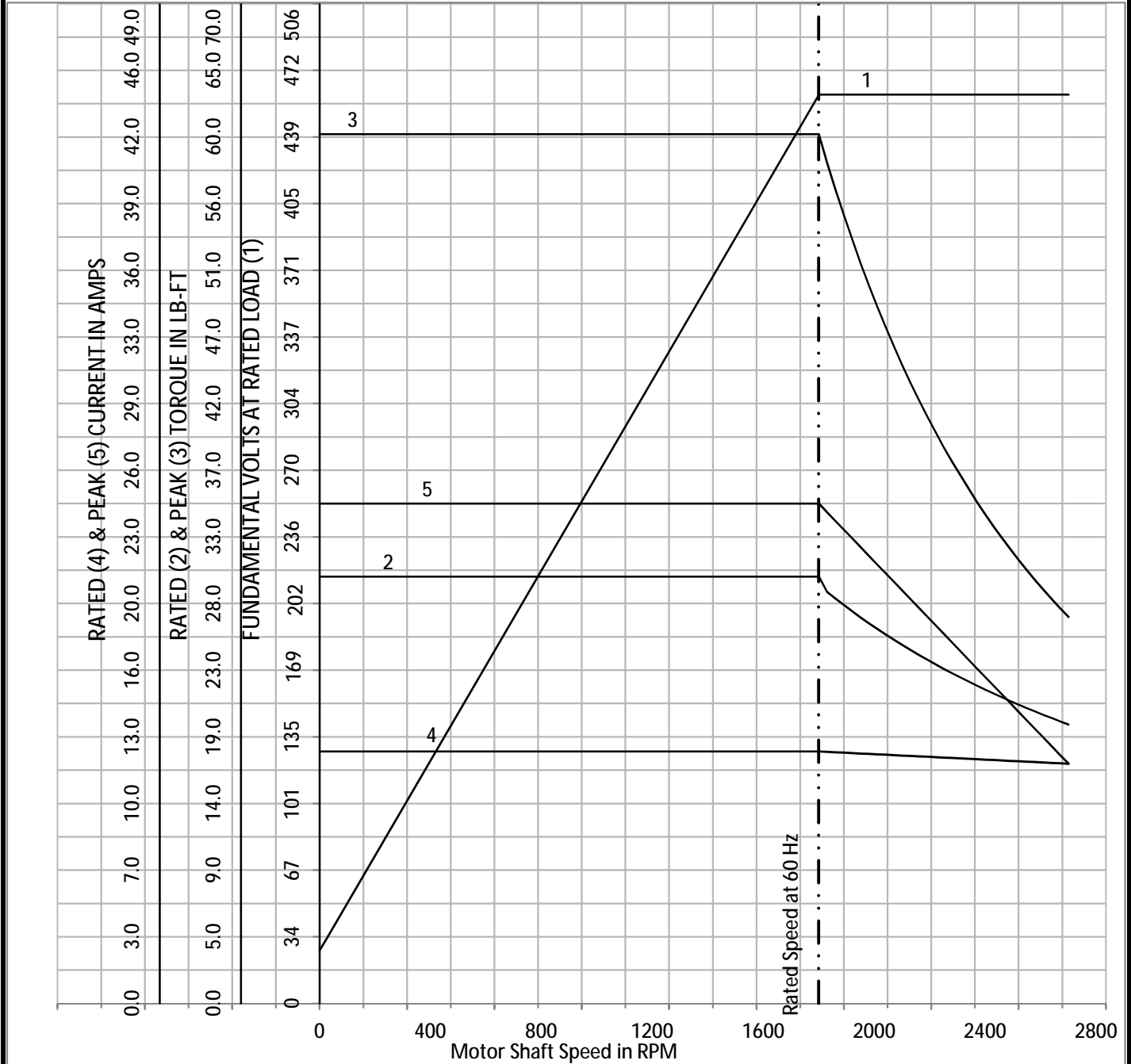
A-C MOTOR
PERFORMANCE
CURVES

07WGX776

ISSUE DATE 6/17/2015

Catalog	0	VOLTS	230/460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
FRAME	215TC	AMPS	25/12.5	MAX SAFE RPM	2700	R1	0.507	X1	1.97
HP	10	DUTY	Cont	In (AMPS)	5.12	R2	0.342	X2	1.58
BASE SPEED	1760	S.F.	1.00	P.F. @NL/FL	4.4/82			XM	48.3000
PHASE/HZ	3/60	AMB ⁰ C/INS ¹	40/F	WK ² (lb-ft ²)	1.18				

Vector PWM Inverter Duty
Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only



DR BY JJ
CK BY
APP BY JJ
DATE 6/17/2015

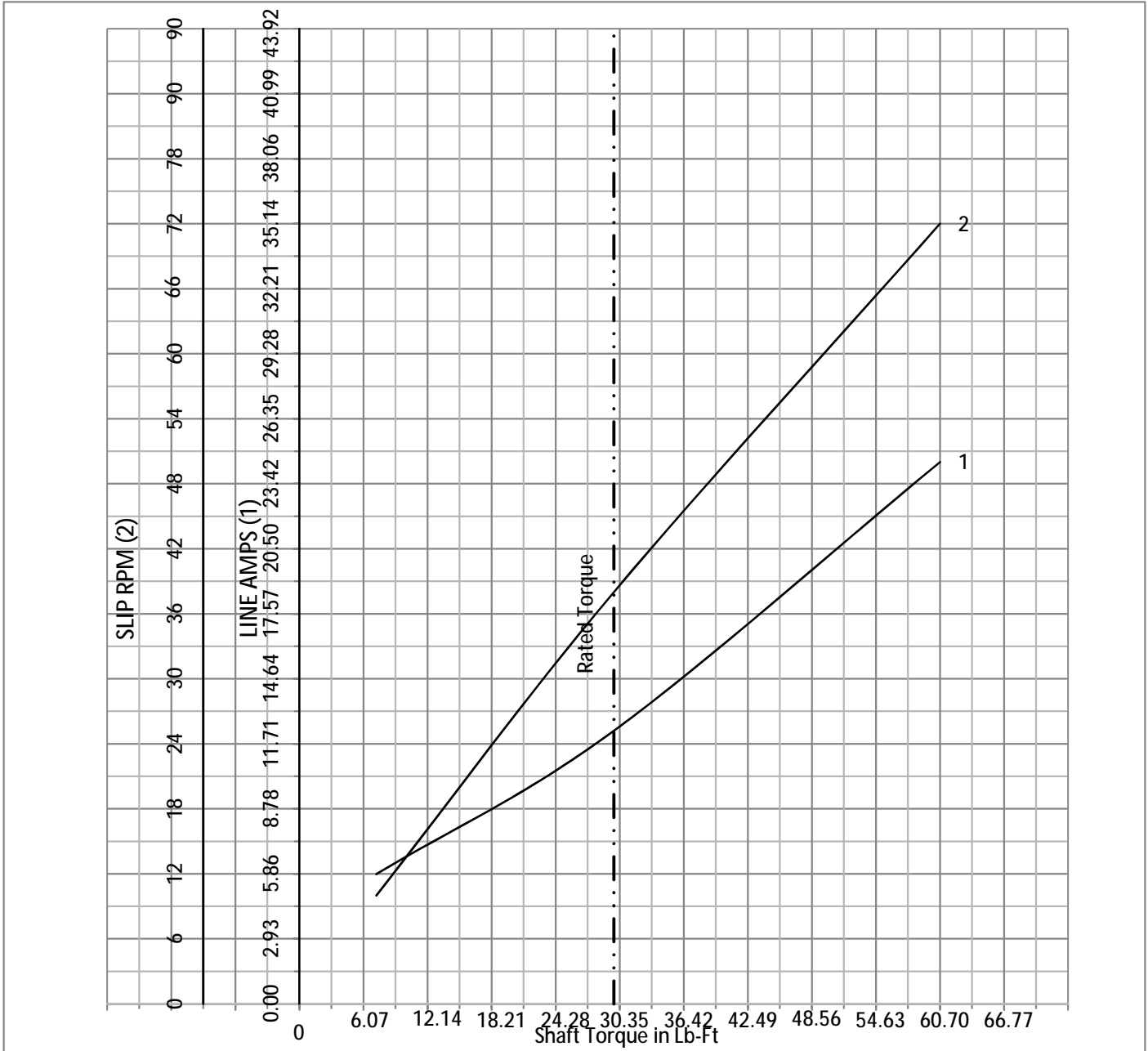
A-C MOTOR
PERFORMANCE
CURVES

07WGX776

ISSUE DATE 6/17/2015

Catalog	0	NP VOLTS	230/460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
FRAME	215TC	NP AMPS	25/12.5	MAX SAFE RPM	2700	R1	0.507	X1	1.97
HP	10	DUTY	Cont	NL AMPS	5.12	R2	0.342	X2	1.58
BASE SPEED	1760	S.F.	1.00	P.F. @NL/FL	4.4/82			XM	48.3
PHASE/HZ	3/60	AMB ⁰ C/INSUL	40/F	WK ² (lb-ft ²)	1.18				

Vector PWM Inverter Duty
Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only



DR BY JJ
 CK BY
 APP BY JJ
 DATE 6/17/2015

A-C MOTOR
 PERFORMANCE
 CURVES

07WGX776

ISSUE DATE 6/17/2015