

Catalog	IDVSNM3546	NP VOLTS	230/460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)			
FRAME	56C	NP AMPS	3/1.5	MAX SAFE RPM	2700	R1	5.983	X1	11.297
HP	1	DUTY	Cont	NL AMPS	0.951	R2	3.852	X2	9.53
BASE SPEED	1760	S.F.	1.15	P.F. @NL/FL	0/72			XM	263.558
PHASE/HZ	3/60	AMB <sup>0</sup> C/INSUL	40/F	WK <sup>2</sup> (lb-ft <sup>2</sup> )	0.148				

### Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1764	1.0	3.0	460	60	1.5
Max Speed	2700	1.0	2.0	460	90	1.3
Min Speed	0	0.0	3.0	32.56	1.20	1.5

### Load Performance at Base Speed

	RPM	HP	Torque	Volts	Freq-Hz	Amps
No Load	1799	0.0	0.0	460	60	1.0
1/4	1790	0.3	0.7	460	60	1.0
1/2	1778	0.5	1.5	460	60	1.1
3/4	1773	0.7	2.2	460	60	1.3
Full Load	1764	1.0	3.0	460	60	1.5
O/L	1729	2.0	6.1	460	60	2.5

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

Remarks: Calculated Data  
Vector PWM Inverter Duty

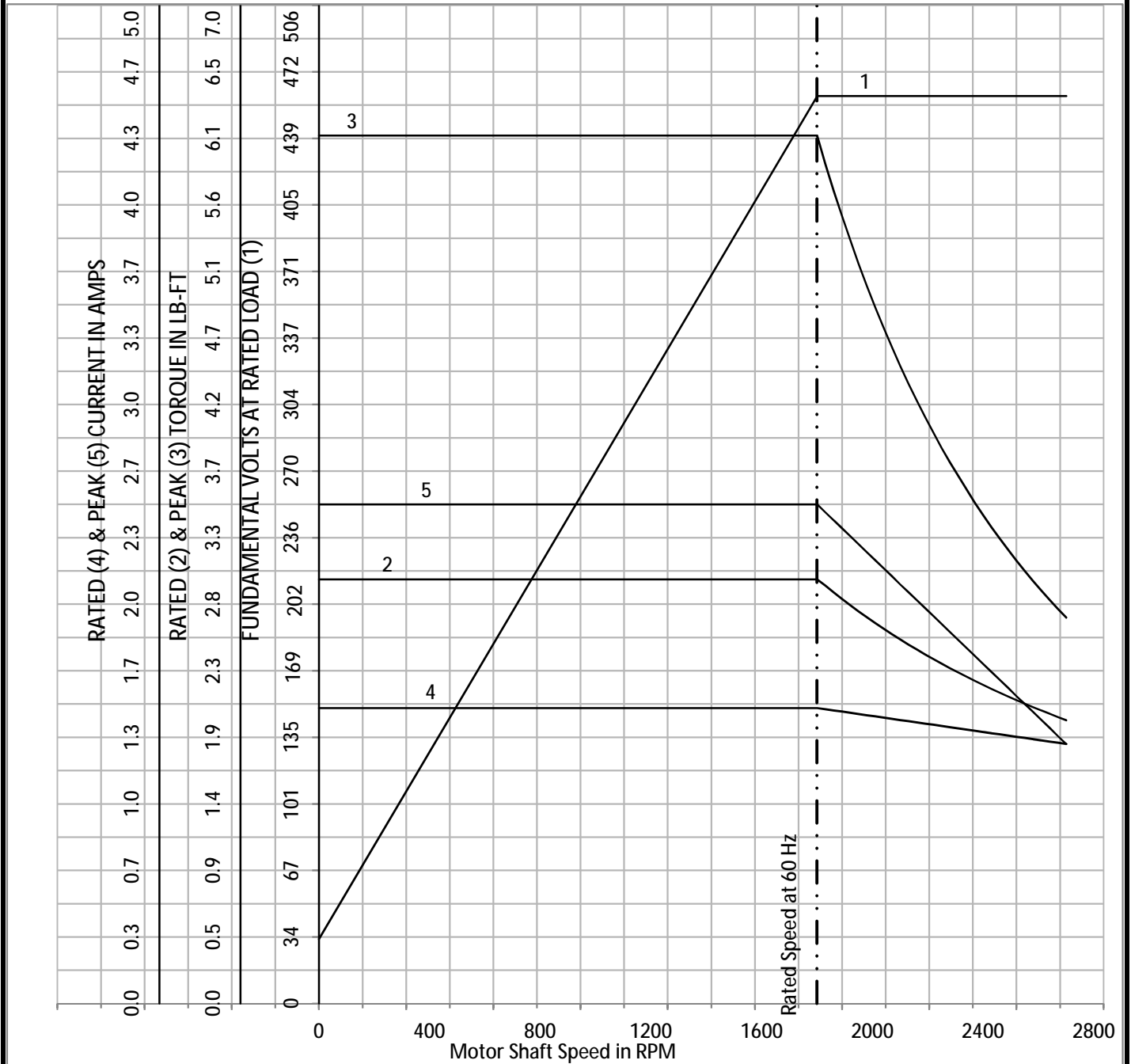


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A-C MOTOR PERFORMANCE CURVES  
35T995M302G1  
ISSUE DATE 3/6/2015

Catalog	IDVSNM3546	VOLTS	230/460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE			
FRAME	56C	AMPS	3/1.5	MAX SAFE RPM	2700	(AT BASE RATING, 25°C)			
HP	1	DUTY	Cont	In (AMPS)	0.951	R1	5.9830	X1	11.2970
BASE SPEED	1760	S.F.	1.15	P.F. @NL/FL	0/72	R2	3.8520	X2	9.5260
PHASE/HZ	3/60	AMB <sup>0</sup> C/INS <sup>1</sup>	40/F	WK <sup>2</sup> (lb-ft <sup>2</sup> )	0.148			XM	263.5580

Vector PWM Inverter Duty  
Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only

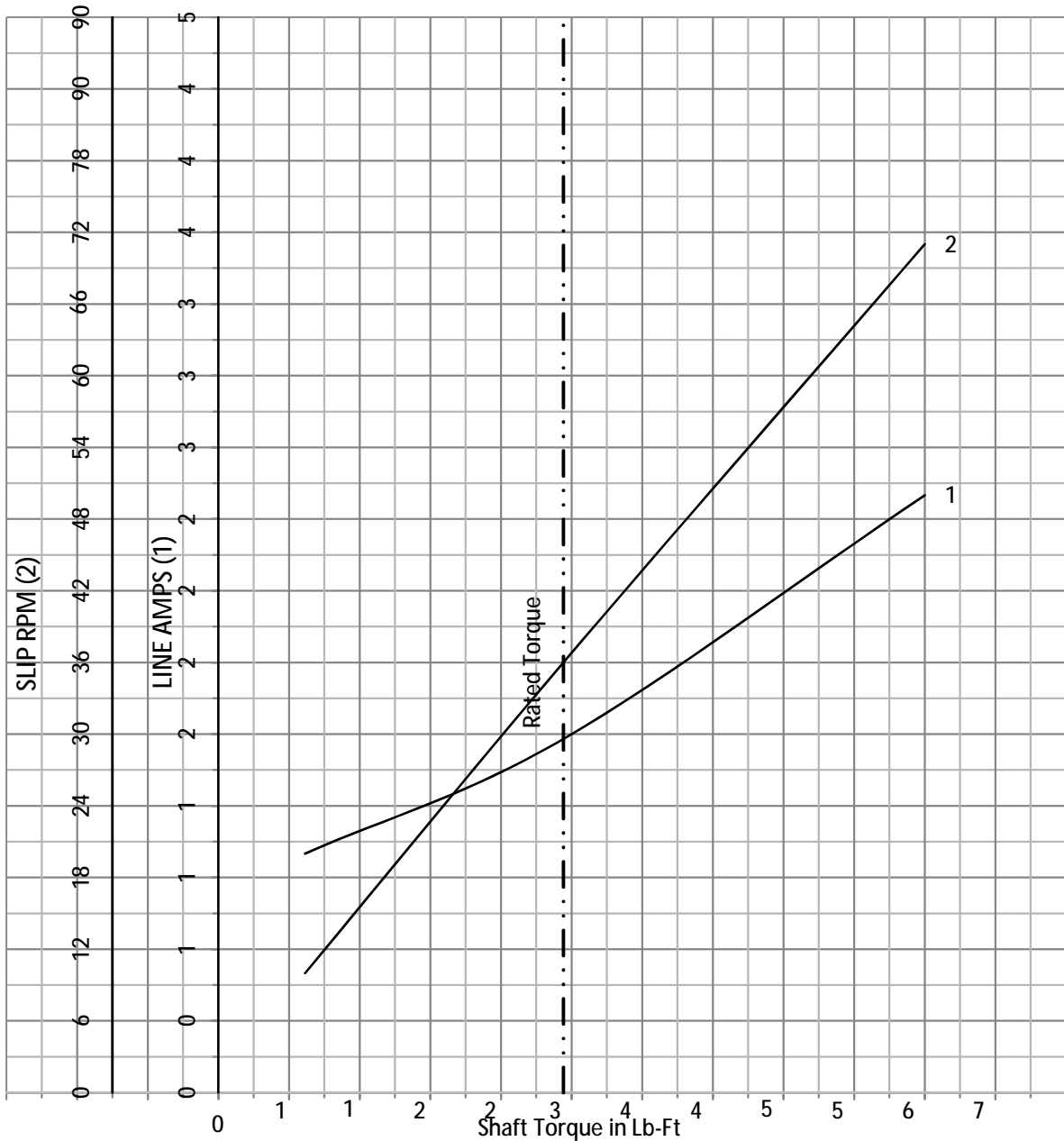


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Catalog	IDVSNM3546	NP VOLTS	230/460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE			
FRAME	56C	NP AMPS	3/1.5	MAX SAFE RPM	2700	(AT BASE RATING, 25°C)			
HP	1	DUTY	Cont	NL AMPS	0.951	R1	5.983	X1	11.297
BASE SPEED	1760	S.F.	1.15	P.F. @NL/FL	0/72	R2	3.852	X2	9.526
PHASE/HZ	3/60	AMB <sup>0</sup> C/INSUL	40/F	WK <sup>2</sup> (lb-ft <sup>2</sup> )	0.148			XM	263.558

Vector PWM Inverter Duty  
Variable Speed AC Motor Curves



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