

Catalog	ZDVSM2333T	NP VOLTS	230/460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
FRAME	254TC	NP AMPS	36.2/18.1	MAX SAFE RPM	2700	R1	0.296	X1	1.130
HP	15	DUTY	Cont	NL AMPS	7.56	R2	0.238	X2	1.330
BASE SPEED	1765	S.F.	1.00	P.F. @NL/FL	5.5/84			XM	33.900
PHASE/HZ	3/60	AMB ⁰ C/INSUL	40/F	WK ² (lb-ft ²)	1.92				

Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1765	15.0	44.5	460	60	18.1
Max Speed	2645	15.0	29.7	460	90	17.2
Min Speed	0	0.0	44.5	23.08	1.17	18.1

Load Performance at Base Speed

	RPM	HP	Torque	Volts	Freq-Hz	Amps
No Load	1799	0.0	0.0	460	60	7.6
1/4	1791	3.7	10.8	460	60	8.6
1/2	1783	7.5	22.1	460	60	11.0
3/4	1774	11.3	33.3	460	60	14.5
Full Load	1765	15.0	44.5	460	60	18.1
O/L	1730	29.9	90.8	460	60	36.1

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

Remarks: Calculated Data
Vector PWM Inverter Duty

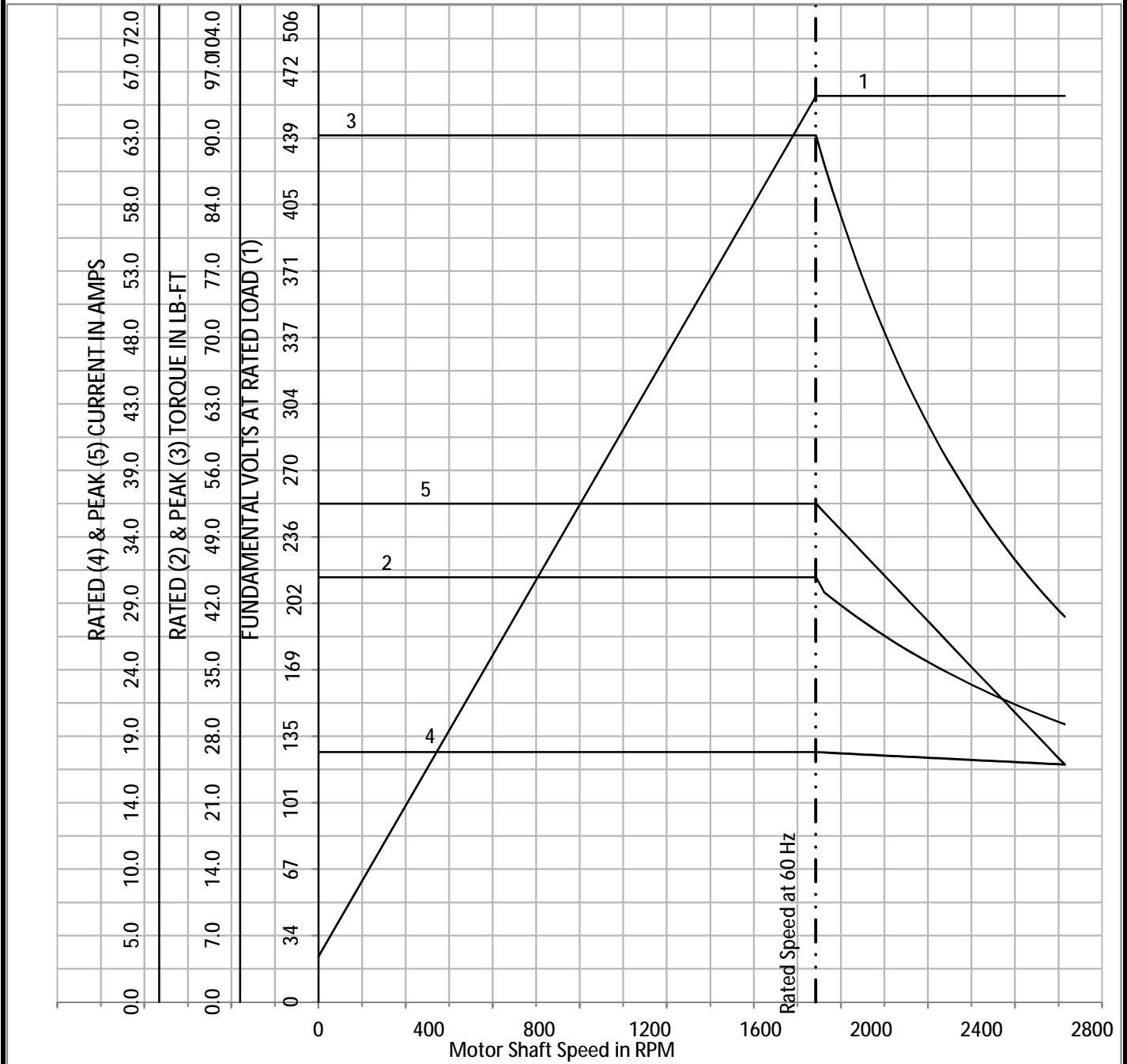


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CURVES
09K343Z910Z1
ISSUE DATE 6/2/2015

Catalog	ZDVSM2333T	VOLTS	230/460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
FRAME	254TC	AMPS	36.2/18.1	MAX SAFE RPM	2700	R1	0.296	X1	1.13
HP	15	DUTY	Cont	In (AMPS)	7.56	R2	0.238	X2	1.33
BASE SPEED	1765	S.F.	1.00	P.F. @NL/FL	5.5/84			XM	33.9000
PHASE/HZ	3/60	AMB ⁰ C/INS ¹	40/F	WK ² (lb-ft ²)	1.92				

Vector PWM Inverter Duty
Variable Speed AC Motor Curves



Calculated Data
Data Valid For Nameplate Speed Range only

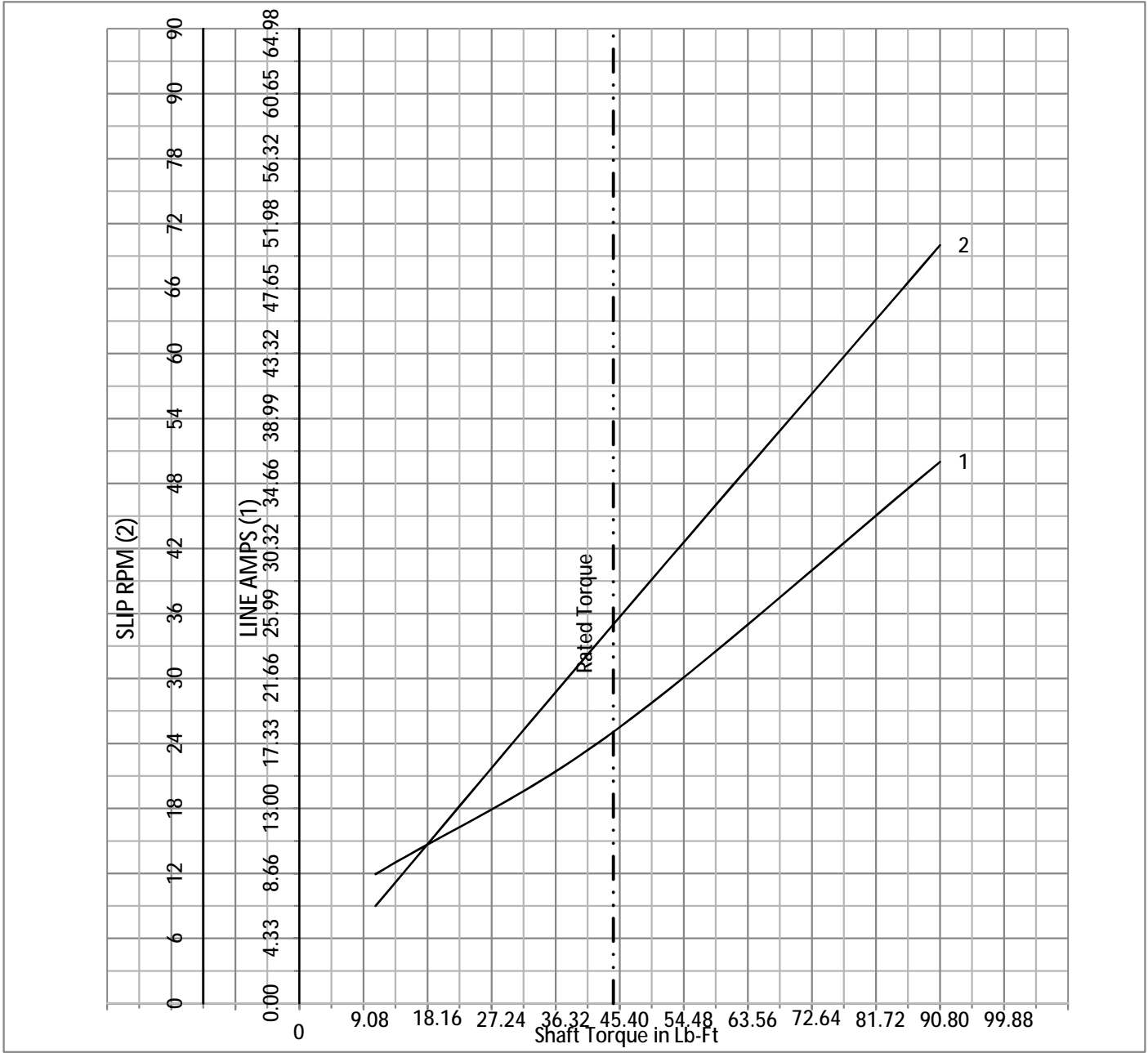


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Catalog	ZDVSM2333T	NP VOLTS	230/460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
FRAME	254TC	NP AMPS	36.2/18.1	MAX SAFE RPM	2700	R1	0.296	X1	1.13
HP	15	DUTY	Cont	NL AMPS	7.56	R2	0.238	X2	1.33
BASE SPEED	1765	S.F.	1.00	P.F. @NL/FL	5.5/84			XM	33.9
PHASE/HZ	3/60	AMB ⁰ C/INSUL	40/F	WK ² (lb-ft ²)	1.92				

Vector PWM Inverter Duty
Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only



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