

Catalog	ZDVSNM3542	NP VOLTS	230/460	ENCLOSURE	TENV	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
FRAME	56C	NP AMPS	2.2/1.1	MAX SAFE RPM	2700	R1	11.662	X1	14.221
HP	0.75	DUTY	Cont	NL AMPS	0.64	R2	7.373	X2	9.43
BASE SPEED	1740	S.F.	1.00	P.F. @NL/FL	0/78			XM	368.338
PHASE/HZ	3/60	AMB ⁰ C/INSUL	40/H	WK ² (lb-ft ²)	0.112				

Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1743	0.8	2.3	460	60	1.1
Max Speed	2700	0.8	1.5	460	90	1.0
Min Speed	0	0.0	2.3	47.80	1.90	1.1

Load Performance at Base Speed

	RPM	HP	Torque	Volts	Freq-Hz	Amps
No Load	1799	0.0	0.0	460	60	0.6
1/4	1787	0.2	0.5	460	60	0.7
1/2	1773	0.4	1.1	460	60	0.8
3/4	1758	0.6	1.7	460	60	0.9
Full Load	1743	0.8	2.3	460	60	1.1
O/L	1688	1.5	4.7	460	60	1.9

Blower Data

Volts	Ph/Hz	FL Amps	LR Amps	Frame	CFM

Remarks: Calculated Data
Vector PWM Inverter Duty

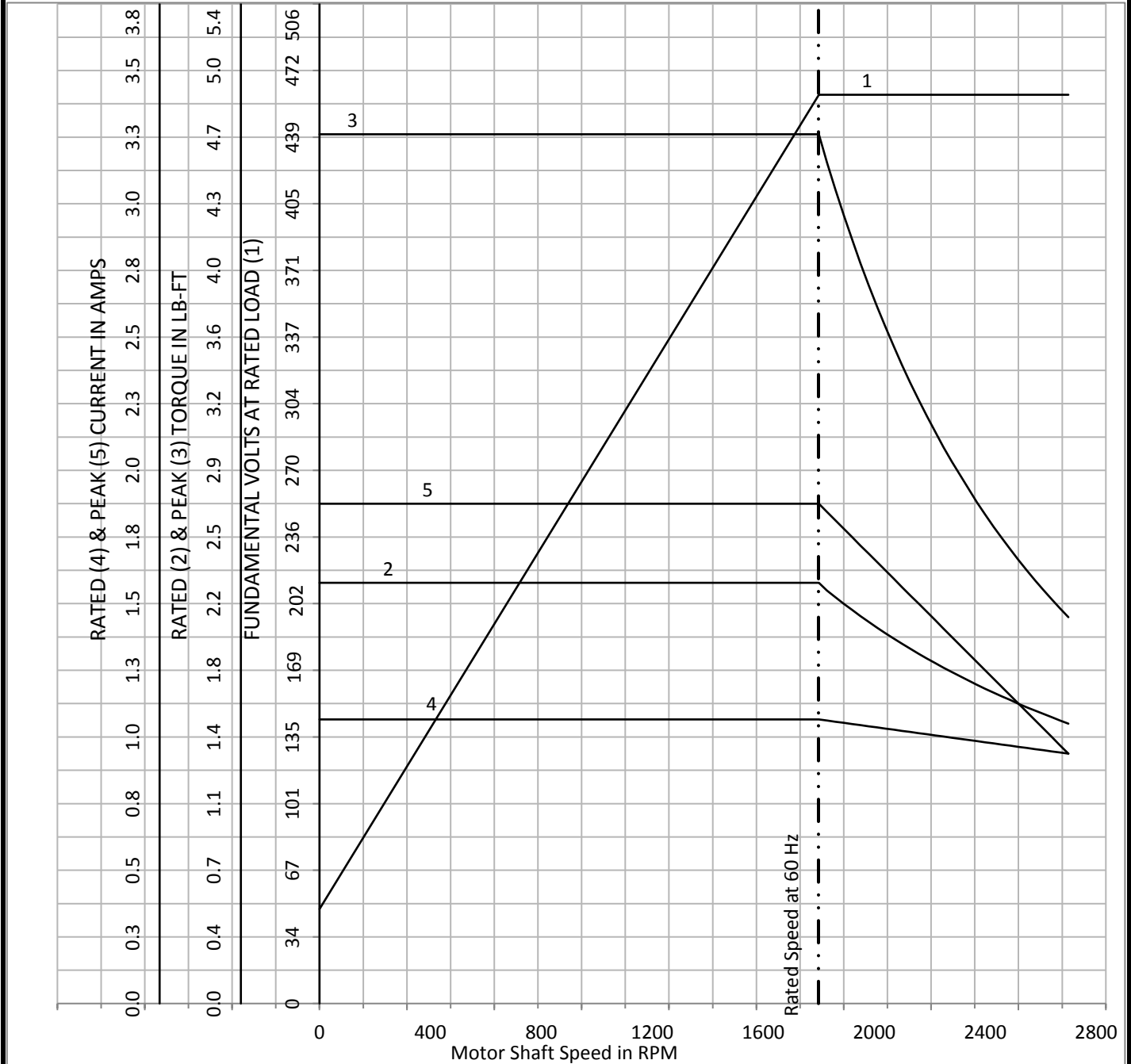


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A-C MOTOR
PERFORMANCE
CURVES
35R457P559Z1
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Catalog	ZDVSNM3542	VOLTS	230/460	ENCLOSURE	TENV	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
FRAME	56C	AMPS	2.2/1.1	MAX SAFE RPM	2700	R1	11.662	X1	14.221
HP	0.75	DUTY	Cont	In (AMPS)	0.64	R2	7.373	X2	9.434
BASE SPEED	1740	S.F.	1.00	P.F. @NL/FL	0/78			XM	368.338
PHASE/HZ	3/60	AMB ⁰ C/INS ¹	40/H	WK ² (lb-ft ²)	0.112				

Vector PWM Inverter Duty
Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only

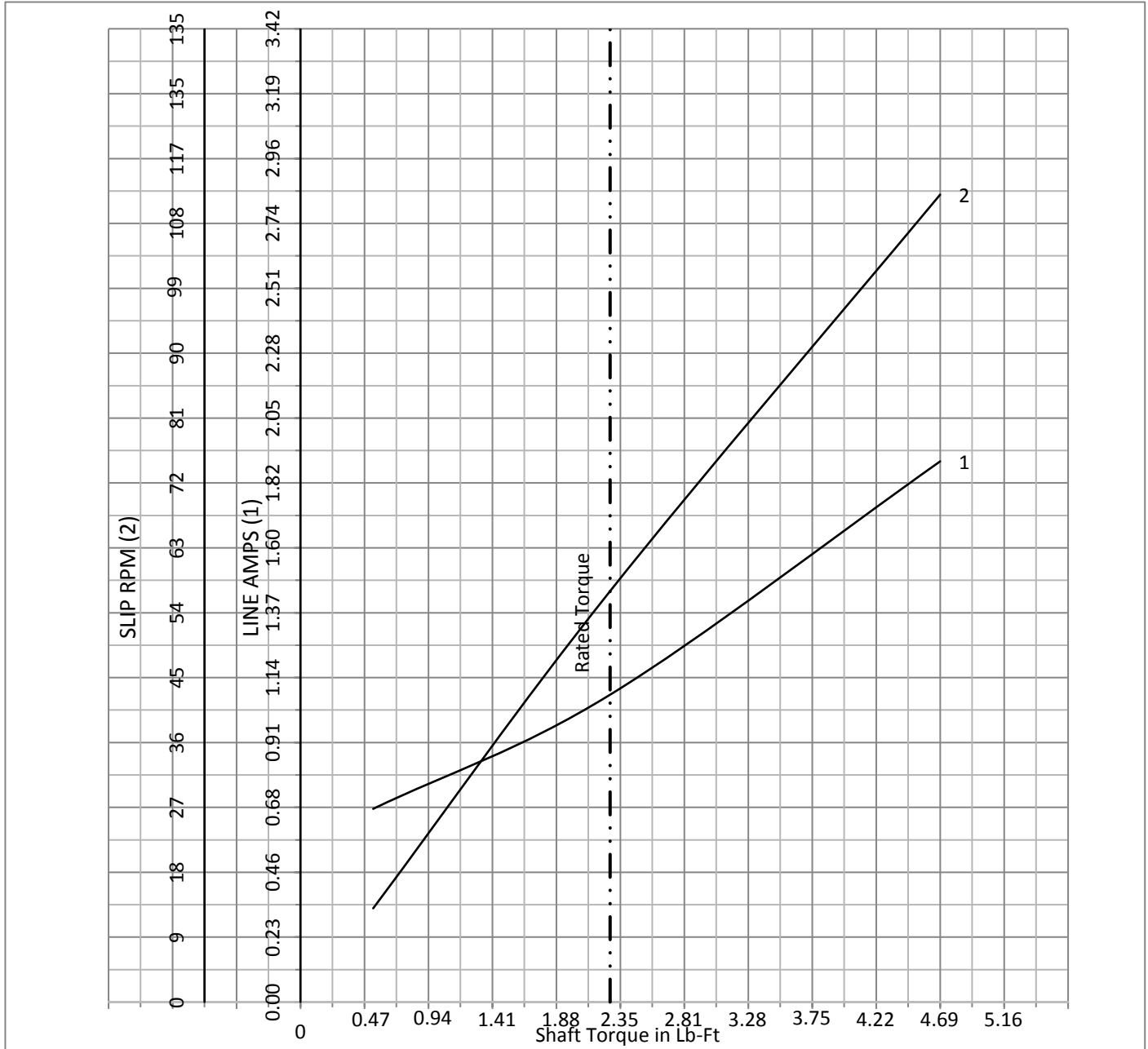


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A-C MOTOR PERFORMANCE CURVES
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Catalog	ZDVSNM3542	NP VOLTS	230/460	ENCLOSURE	TENV	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
FRAME	56C	NP AMPS	2.2/1.1	MAX SAFE RPM	2700	R1	11.662	X1	14.221
HP	0.75	DUTY	Cont	NL AMPS	0.64	R2	7.373	X2	9.434
BASE SPEED	1740	S.F.	1.00	P.F. @NL/FL	0/78			XM	368.338
PHASE/HZ	3/60	AMB ⁰ C/INSUL	40/H	WK ² (lb-ft ²)	0.112				

Vector PWM Inverter Duty
Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only



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