

Catalog	ZDVSM3661T	NP VOLTS	230/460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
FRAME	182TC	NP AMPS	8.2/4.1	MAX SAFE RPM	2700	R1	2.080	X1	5.490
HP	3	DUTY	Cont	NL AMPS	2.14	R2	1.478	X2	4.58
BASE SPEED	1755	S.F.	1.00	P.F. @NL/FL	0/77			XM	119.332
PHASE/HZ	3/60	AMB ⁰ C/INSUL	40/F	WK ² (lb-ft ²)	0.298				

Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1757	3.0	9.1	460	60	4.1
Max Speed	2634	3.0	6.0	460	90	3.8
Min Speed	0	0.0	9.1	33.49	1.43	4.1

Load Performance at Base Speed

	RPM	HP	Torque	Volts	Freq-Hz	Amps
No Load	1799	0.0	0.0	460	60	2.1
1/4	1790	0.8	2.3	460	60	2.3
1/2	1779	1.5	4.5	460	60	2.8
3/4	1769	2.3	6.8	460	60	3.4
Full Load	1757	3.0	9.1	460	60	4.1
O/L	1712	6.1	18.6	460	60	7.8

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

Remarks: Calculated Data
Vector PWM Inverter Duty

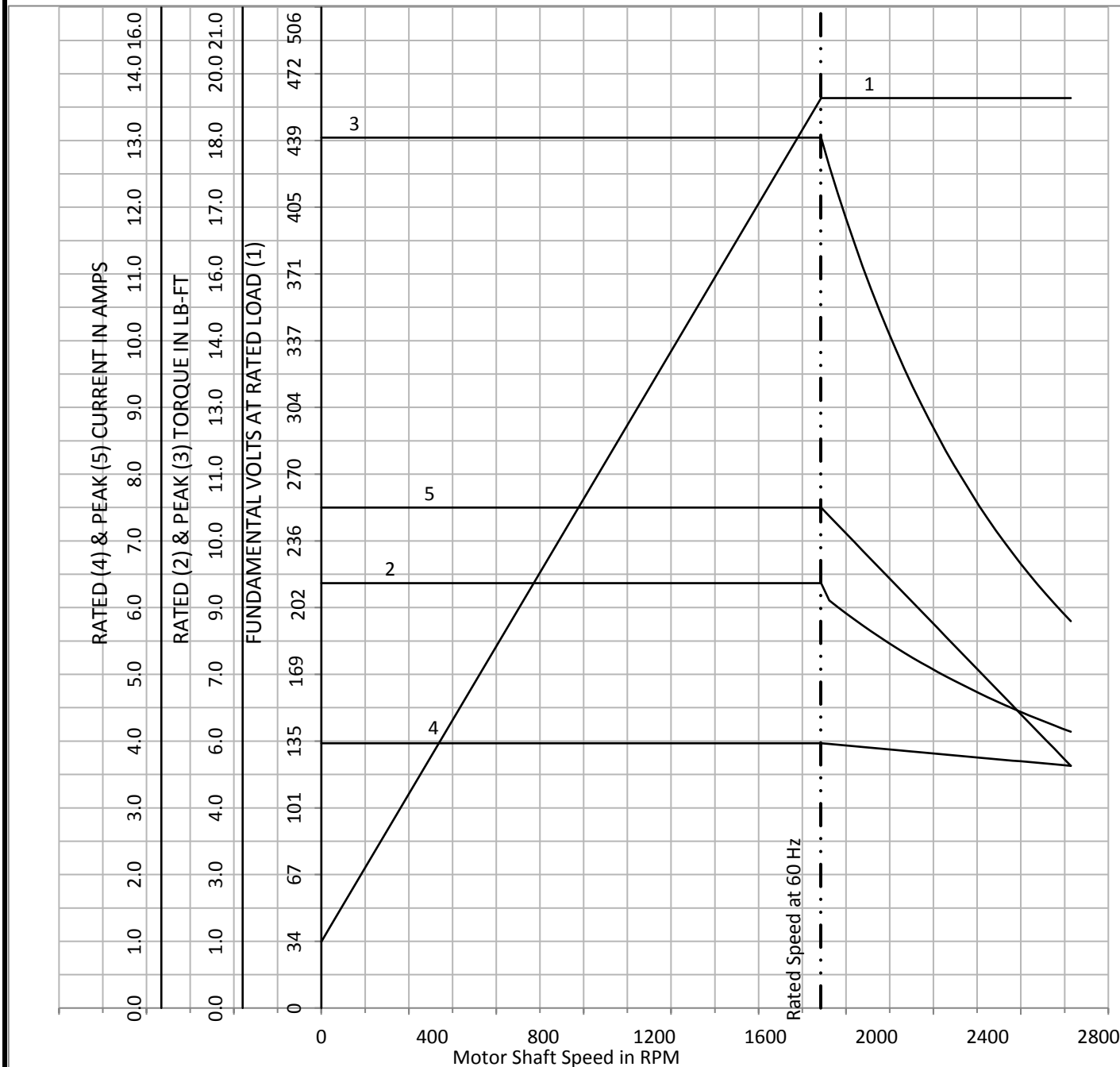


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DATE 3/17/2015

**A-C MOTOR
PERFORMANCE
CURVES**
06H928X181Z1
ISSUE DATE 3/17/2015

Catalog	ZDVSM3661T	VOLTS	230/460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
FRAME	182TC	AMPS	8.2/4.1	MAX SAFE RPM	2700	R1	2.08	X1	5.49
HP	3	DUTY	Cont	In (AMPS)	2.14	R2	1.478	X2	4.581
BASE SPEED	1755	S.F.	1.00	P.F. @NL/FL	0/77			XM	119.332
PHASE/HZ	3/60	AMB ⁰ C/INS ¹	40/F	WK ² (lb-ft ²)	0.298				

Vector PWM Inverter Duty
Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only

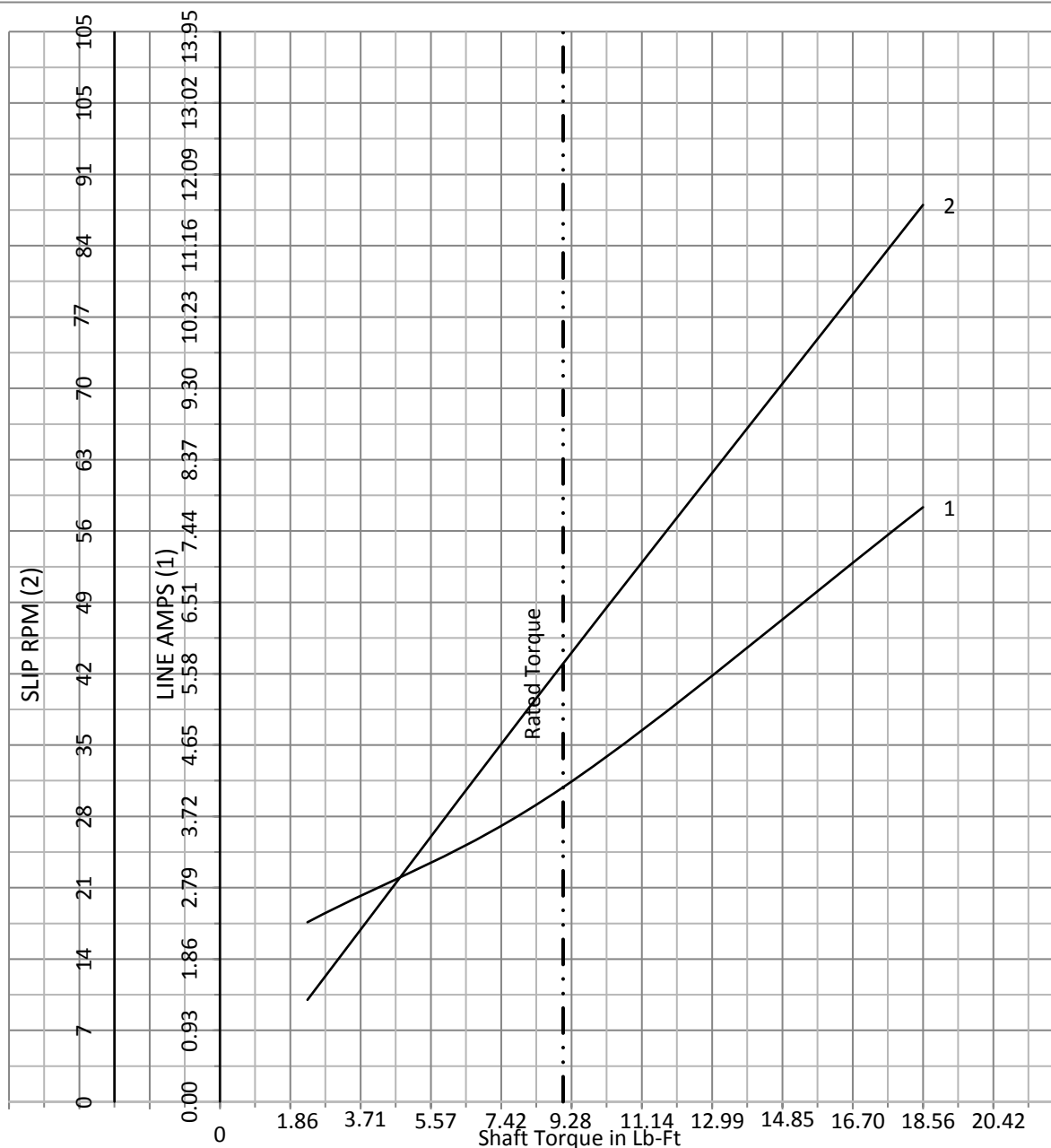
BALDOR
A MEMBER OF THE ABB GROUP

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Catalog	ZDVSM3661T	NP VOLTS	230/460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
FRAME	182TC	NP AMPS	8.2/4.1	MAX SAFE RPM	2700	R1	2.08	X1	5.49
HP	3	DUTY	Cont	NL AMPS	2.14	R2	1.478	X2	4.581
BASE SPEED	1755	S.F.	1.00	P.F. @NL/FL	0/77			XM	119.332
PHASE/HZ	3/60	AMB ⁰ C/INSUL	40/F	WK ² (lb-ft ²)	0.298				

Vector PWM Inverter Duty
Variable Speed AC Motor Curves



Calculated Data

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