

S/O	-	VOLTS	230/460	ENCLOSURE	TEFC	WYE CONN EQ CKT PER PHASE (AT BASE RATING, 25°C)	
FRAME	365T	AMPS	89.2	MAX SAFE SPEED	3600		
HP	75	DUTY	CONT	IM (AMPS)	32	R1 .0334	X1 .248
BASE SPEED	1785	S.F.	1.00	P.F. @NL / FL	.061/.833	R2 .0224	X2 .323
PHASE/HZ	3/60	AMB.°C / INSUL	40/F	WK ² (Lb-Ft ²)	15.71		XM 6.81

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1785	75.0	221	460	60	89.2
MAX SPEED	2676	75.0	147	460	90	85.6
MIN SPEED	0	0	221	11.6	.514	89.2

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	32.0
1/4	1796	18.8	55	460	60	43.6
1/2	1792	37.5	110	460	60	56.2
3/4	1789	56.3	165	460	60	71.3
FULL LOAD	1785	75.0	221	460	60	89.2
0/L	1766	148	441	460	60	173

REMARKS:
CALCULATED DATA
VECTOR PWM INVERTER DUTY



DRAWN BY: J.J.HARRISON
CHECKED BY: J. TSAO
APPROVED BY J. TSAO
DATE: 05/15/12

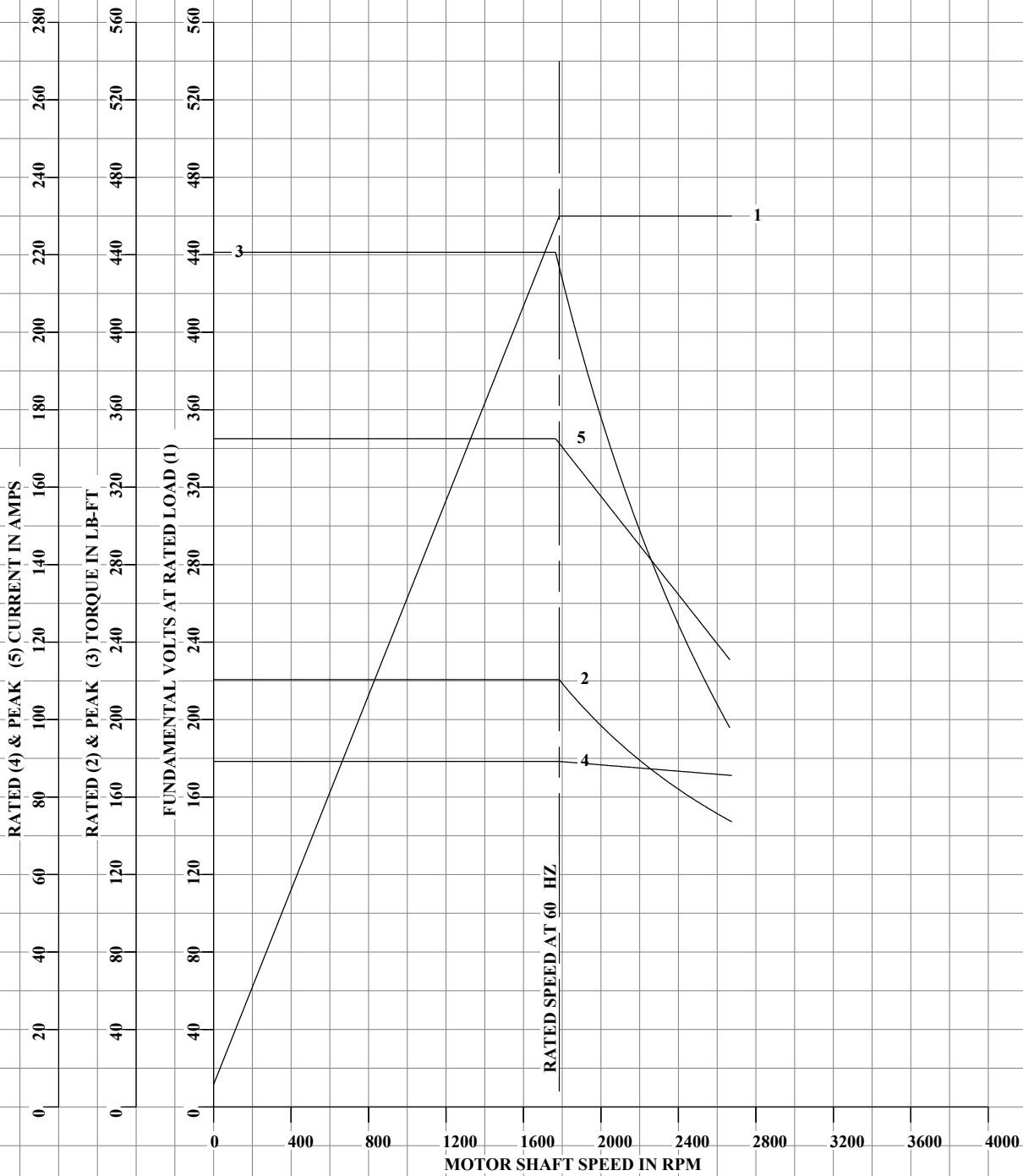
AC MOTOR
PERFORMANCE
DATA

A36WG0427-R002

ISSUE DATE 05/15/12

S/O	-	VOLTS	230/460	ENCLOSURE	TEFC	WYE CONN EQ CKT PER PHASE (AT BASE RATING, 25°C)		
FRAME	365T	AMPS	89.2	MAX SAFE SPEED	3600			
HP	75	DUTY	CONT	IM (AMPS)	32	R1	.0334	X1 .248
BASE SPEED	1785	S.F.	1.00	P.F. @NL / FL	.061/.833	R2	.0224	X2 .323
PHASE/HZ	3/60	AMB.°C / INSUL	40/F	WK ² (Lb-Ft ²)	15.71			XM 6.81

VECTOR PWM INVERTER DUTY
VARIABLE SPEED AC MOTOR CURVES



CALCULATED DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



DRAWN BY: J.J.HARRISON
 CHECKED BY: J. TSAO
 APPROVED BY: J. TSAO
 DATE: 05/15/12

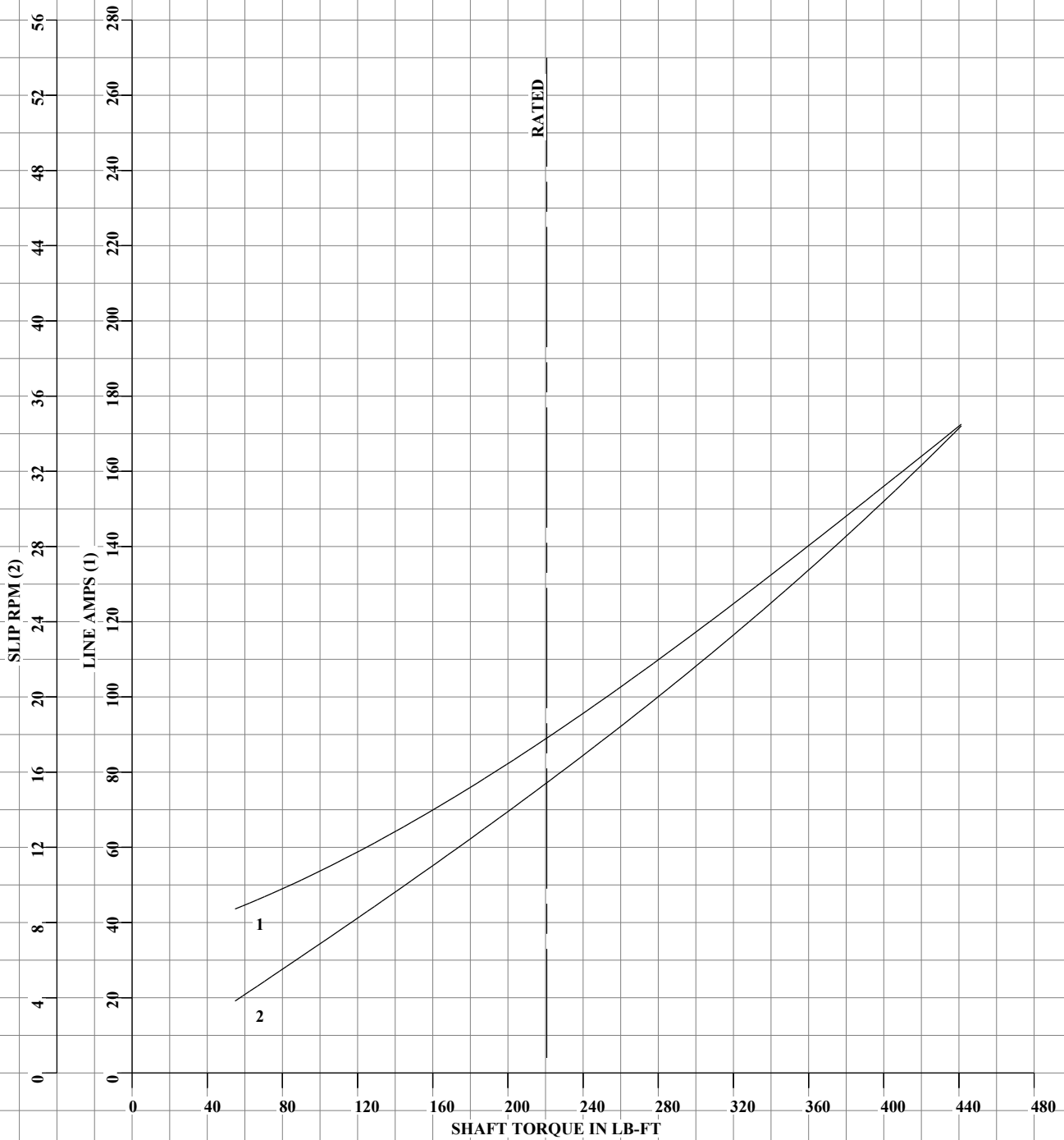
AC MOTOR
PERFORMANCE
DATA

A36WG0427-R002

ISSUE DATE: 05/15/12

S/O	-	VOLTS	230/460	ENCLOSURE	TEFC	WYE CONN EQ CKT PER PHASE		
FRAME	365T	AMPS	89.2	MAX SAFE SPEED	3600	(AT BASE RATING, 25°C)		
HP	75	DUTY	CONT	IM (AMPS)	32	R1	.0334	X1 .248
BASE SPEED	1785	S.F.	1.00	P.F. @NL / FL	.061/.833	R2	.0224	X2 .323
PHASE/HZ	3/60	AMB.°C / INSUL	40/F	WK ² (Lb-Ft ²)	15.71			XM 6.81

VECTOR PWM INVERTER DUTY
LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



CALCULATED DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



DRAWN BY: J.J.HARRISON
 CHECKED BY: J. TSAO
 APPROVED BY: J. TSAO
 DATE: 05/15/12

AC MOTOR
PERFORMANCE
DATA

A36WG0427-R002

ISSUE DATE: 05/15/12