

REL S.O.	-	VOLTS	460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE			
FRAME	445T	AMPS	177	MAX SAFE RPM	3600	(AT BASE RATING, 25 °C)			
HP	150	DUTY	CONT	IM (AMPS)	66.6	R1	.0101	X1	.100
BASE SPEED	1790	S.F.	1.00	P.F. @NL/FL	.071/.835	R2	.00736	X2	.0926
PHASE/HERTZ	3/60	AMB °C/INSUL	40/F	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	51.6			XM	3.14

### RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1790	150	440	460	60	177
MAX SPEED	2685	150	293	460	90	165
MIN SPEED	0	0	440	7.20	.328	177

### LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	66.6
1/4	1797	37.6	110	460	60	92.5
1/2	1795	75.1	220	460	60	115
3/4	1793	112	329	460	60	145
FULL LOAD	1790	150	440	460	60	177
O/L	1779	299	881	460	60	325

REMARKS: TYPICAL DATA  
VECTOR PWM INVERTER DUTY

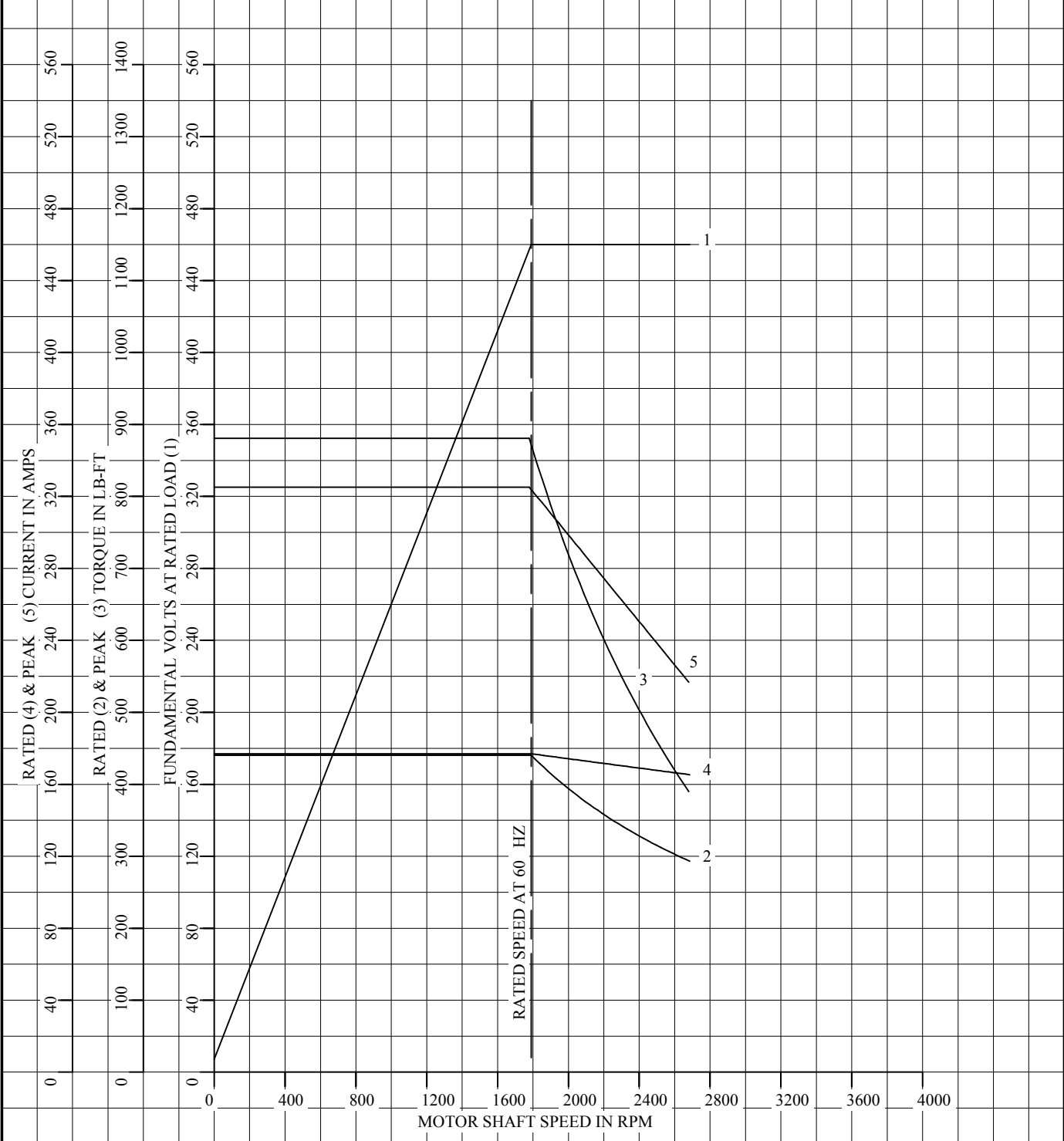


DR. BY M. ORDERS  
 CK. BY J. TSAO  
 APP. BY J. TSAO  
 DATE 10/27/00

**A-C MOTOR**  
**PERFORMANCE DATA**      **A44WG0183-R001**  
 ISSUE DATE      06/05/15

REL S.O.	-	VOLTS	460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	445T	AMPS	177	MAX SAFE RPM	3600	(AT BASE RATING, 25 °C)	
HP	150	DUTY	CONT	IM (AMPS)	66.6	R1 .0101	X1 .100
BASE SPEED	1790	S.F.	1.00	P.F. @NL/FL	.071/.835	R2 .00736	X2 .0926
PHASE/HERTZ	3/60	AMB °C/INSUL	40/F	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	51.6		XM 3.14

VECTOR PWM INVERTER DUTY  
VARIABLE SPEED AC MOTOR CURVES



REMARKS: TYPICAL DATA  
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



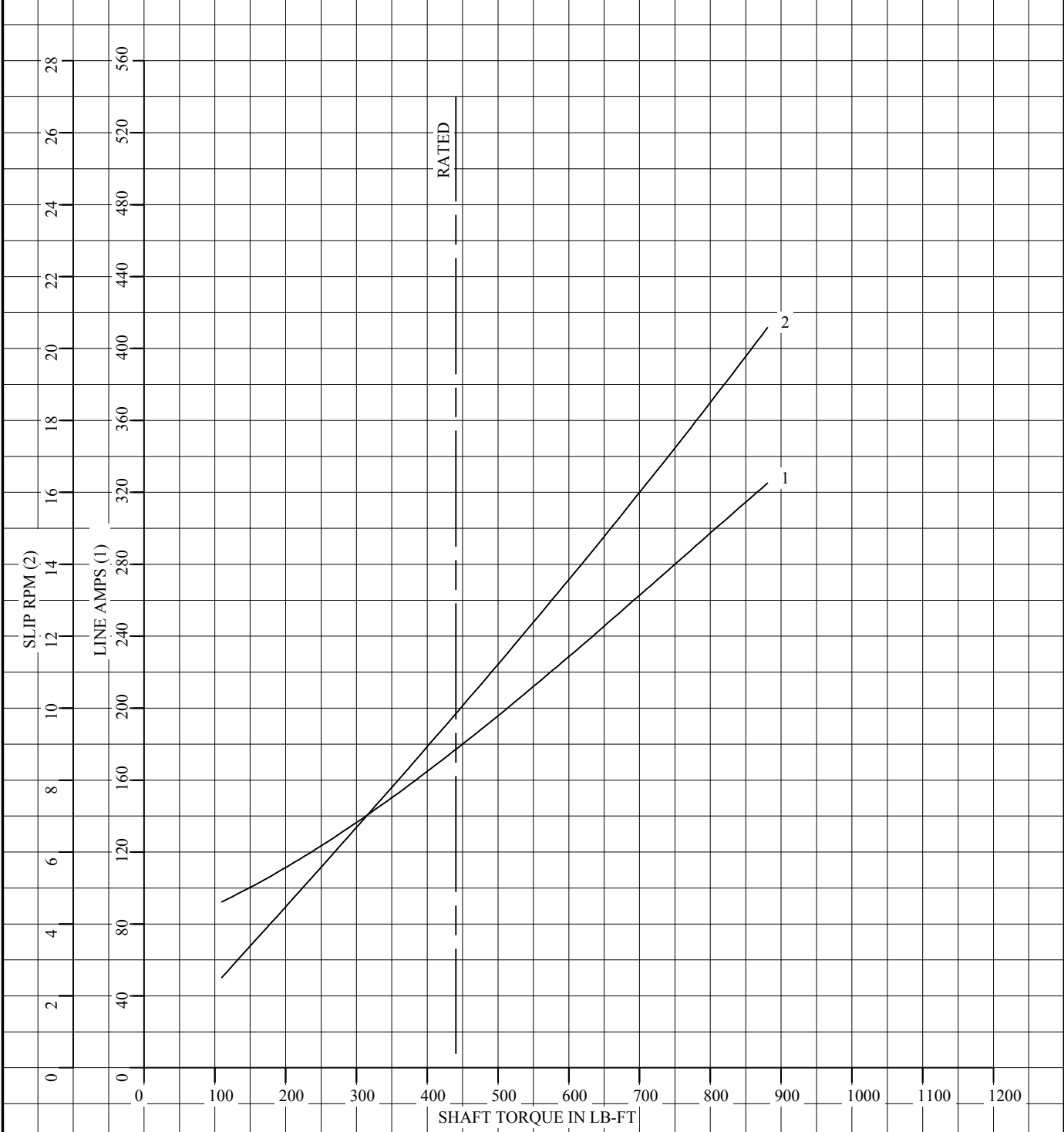
DR. BY M. ORDERS  
CK. BY J. TSAO  
APP. BY J. TSAO  
DATE 10/27/00

A-C MOTOR  
PERFORMANCE  
CURVES

A44WG0183-R001  
SH 1 OF 2  
ISSUE DATE 06/05/15

REL S.O.	-	VOLTS	460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	445T	AMPS	177	MAX SAFE RPM	3600	(AT BASE RATING, 25 °C)	
HP	150	DUTY	CONT	IM (AMPS)	66.6	R1	.0101
BASE SPEED	1790	S.F.	1.00	P.F. @NL/FL	.071/.835	R2	.00736
PHASE/HERTZ	3/60	AMB °C/INSUL	40/F	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	51.6	X1	.100
						X2	.0926
						XM	3.14

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



REMARKS: TYPICAL DATA  
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



DR. BY M. ORDERS  
CK. BY J. TSAO  
APP. BY J. TSAO  
DATE 10/27/00

**A-C MOTOR PERFORMANCE CURVES**  
A44WG0183-R001  
SH 2 OF 2  
ISSUE DATE 06/05/15