

REL S.O.	-	VOLTS	460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE			
FRAME	449T	AMPS	338	MAX SAFE RPM	3600	(AT BASE RATING, 25 °C)			
HP	300	DUTY	CONT	IM (AMPS)	116	R1	.00400	X1	.0537
BASE SPEED	1790	S.F.	1.00	P.F. @NL/FL	.047/.863	R2	.00288	X2	.0606
PHASE/HERTZ	3/60	AMB °C/INSUL	40/F	WK ² (Lb-Ft ²)	105.12			XM	1.93

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1791	300	880	460	60	338
MAX SPEED	2687	300	586	460	90	323
MIN SPEED	0	0	880	5.83	.284	338

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	116
1/4	1798	75.2	220	460	60	158
1/2	1796	150	439	460	60	208
3/4	1794	225	659	460	60	269
FULL LOAD	1791	300	880	460	60	338
O/L	1782	597	1760	460	60	645

**BLOWER
DATA**

VOLTS	PH/HZ	FL AMPS	LR AMPS	FRAME	CFM

REMARKS: TYPICAL DATA
VECTOR PWM INVERTER DUTY

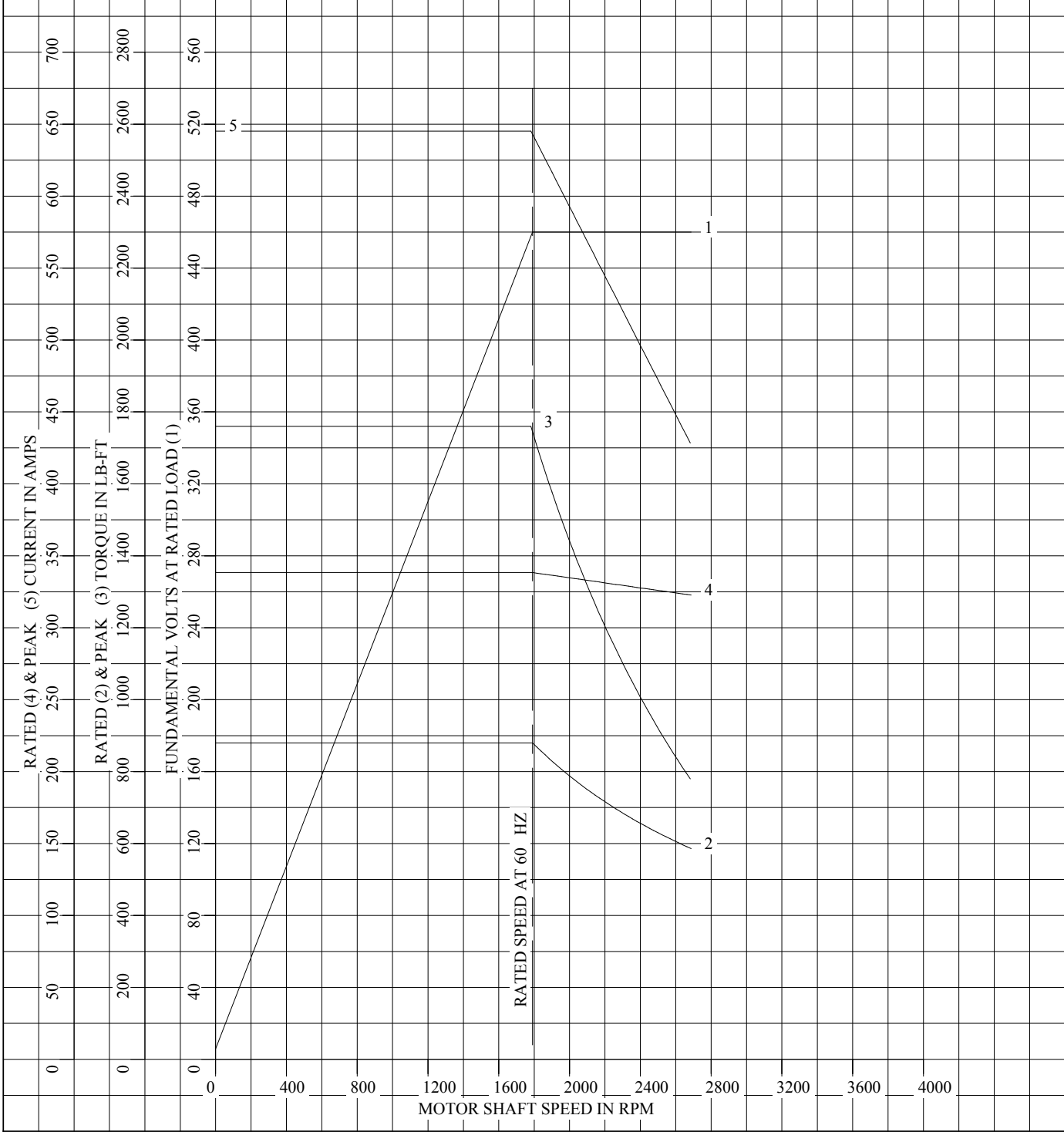


DR. BY J. J. HARRISON
CK. BY W. L. SMITH
APP. BY W. L. SMITH
DATE 08/17/04

**A-C MOTOR
PERFORMANCE DATA** A44WG0622-R002
ISSUE DATE 12/17/10

REL S.O.	-	VOLTS	460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	449T	AMPS	338	MAX SAFE RPM	3600	(AT BASE RATING, 25 °C)	
HP	300	DUTY	CONT	IM (AMPS)	116	R1 .00400	X1 .0537
BASE SPEED	1790	S.F.	1.00	P.F. @NL/FL	.047/.863	R2 .00288	X2 .0606
PHASE/HERTZ	3/60	AMB °C/INSUL	40/F	WK ² (Lb-Ft ²)	105.12		XM 1.93

VECTOR PWM INVERTER DUTY
VARIABLE SPEED AC MOTOR CURVES



REMARKS: TYPICAL DATA
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY

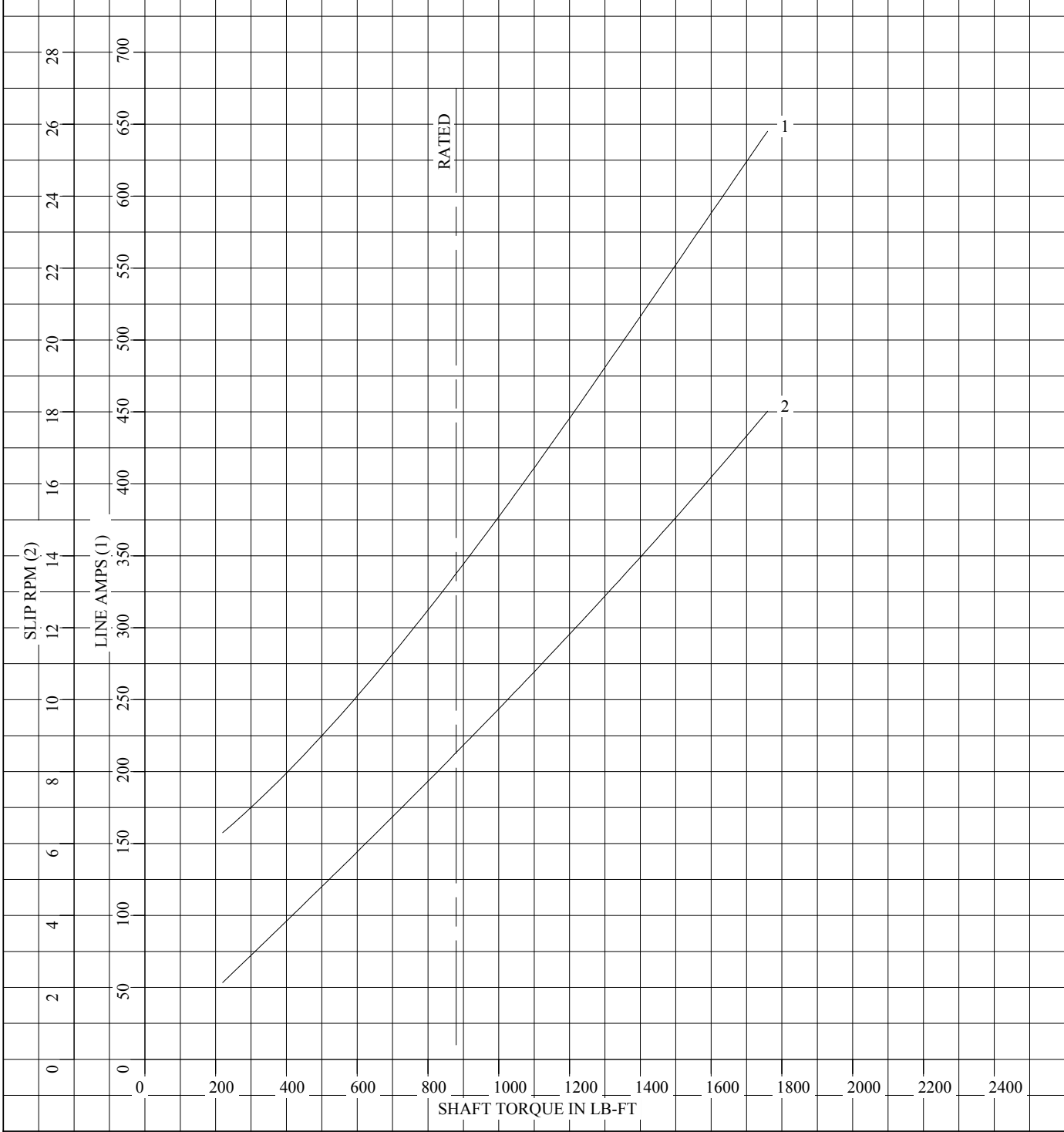


DR. BY J.J.HARRISON
CK. BY W. L. SMITH
APP. BY W. L. SMITH
DATE 08/17/04

A-C MOTOR PERFORMANCE CURVES
A44WG0622-R002
SH 1 OF 2
ISSUE DATE 12/17/10

REL S.O.	-	VOLTS	460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	449T	AMPS	338	MAX SAFE RPM	3600	(AT BASE RATING, 25 °C)	
HP	300	DUTY	CONT	IM (AMPS)	116	R1	.00400 X1 .0537
BASE SPEED	1790	S.F.	1.00	P.F. @NL/FL	.047/.863	R2	.00288 X2 .0606
PHASE/HERTZ	3/60	AMB °C/INSUL	40/F	WK ² (Lb-Ft ²)	105.12		XM 1.93

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



REMARKS: TYPICAL DATA
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DR. BY J.J.HARRISON
CK. BY W. L. SMITH
APP. BY W. L. SMITH
DATE 08/17/04

A-C MOTOR PERFORMANCE CURVES
A44WG0622-R002
SH 2 OF 2
ISSUE DATE 12/17/10