

REL S.O.	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	FL2162	AMPS	40	MAX SAFE RPM	5000	(AT BASE RATING, 25 °C)	
HP	30	DUTY	CONT	IM (AMPS)	20	R1 .157	X1 .701
BASE SPEED	1765	S.F.	1.0	P.F.@NL/FL	.064/.797	R2 .102	X2 .791
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	1.92	XM 13.4	

**RATED FULL LOAD DATA**

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1766	30.0	89	460	60	39.6
MAX SPEED	3523	30.0	45	460	120	37.1
MIN SPEED	0	0	89	18.1	1.14	39.6

**LOAD PERFORMANCE AT BASE SPEED**

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	19.8
1/4	1792	7.52	22	460	60	22.1
1/2	1784	15.0	44	460	60	26.3
3/4	1775	22.5	67	460	60	32.3
FULL LOAD	1766	30.0	89	460	60	39.6
O/L	1721	58.5	178	460	60	75.0

**BLOWER  
DATA**

VOLTS	PH/HZ	FL AMPS	LR AMPS	FRAME	CFM

REMARKS: TYPICAL DATA  
CORRELATED DATA

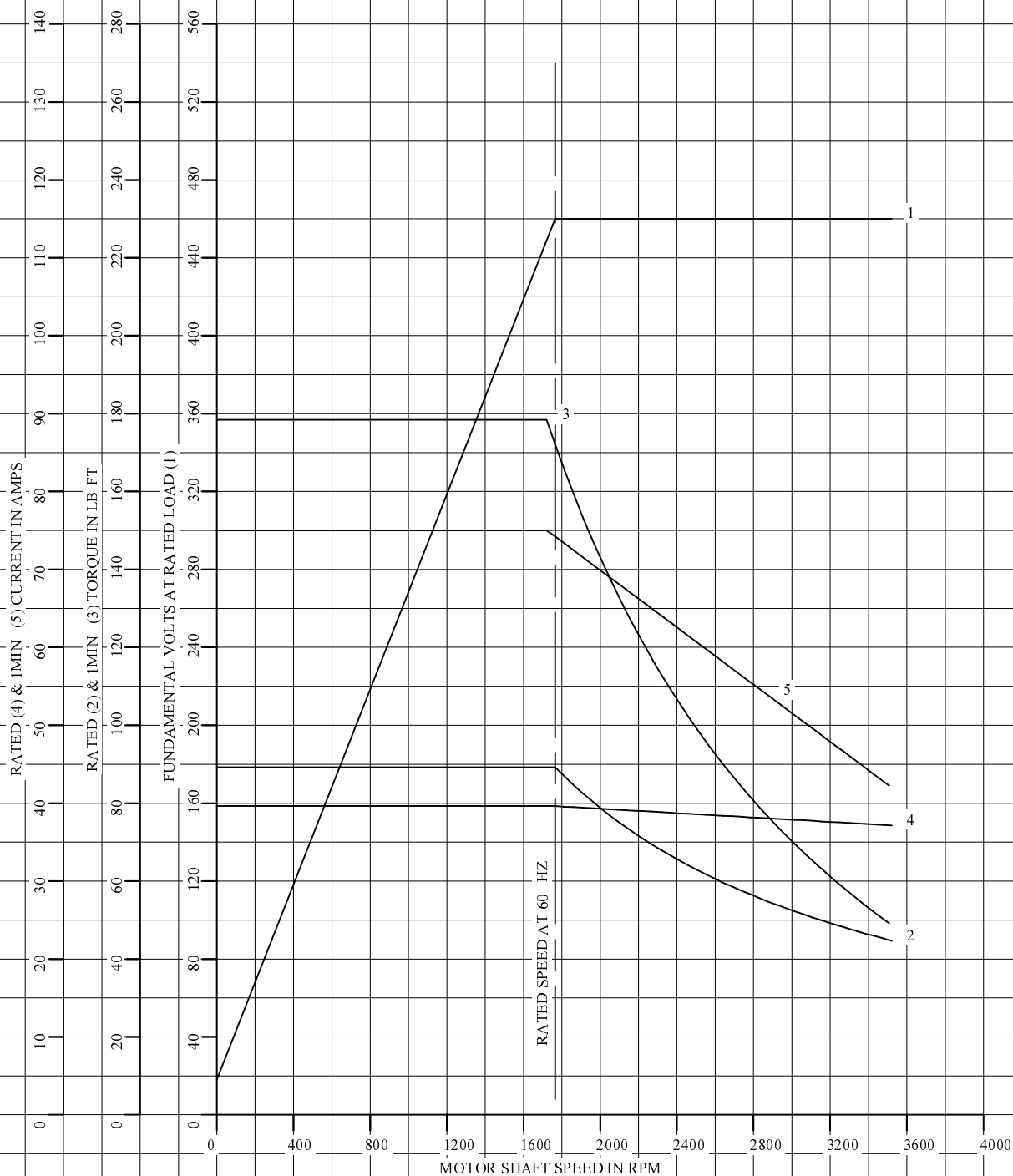


DR. BY B. GRANT  
 CK. BY B. GRANT  
 APP. BY T. CUFR  
 DATE 6-5-06

**A-C MOTOR  
 PERFORMANCE L3310A  
 DATA**      ISSUE DATE 6-5-06

REL S.O.	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE	
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PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	1.92	XM 13.4	

CORRELATED DATA  
VARIABLE SPEED AC MOTOR CURVES



REMARKS: TYPICAL DATA  
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



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A-C MOTOR  
PERFORMANCE  
CURVES

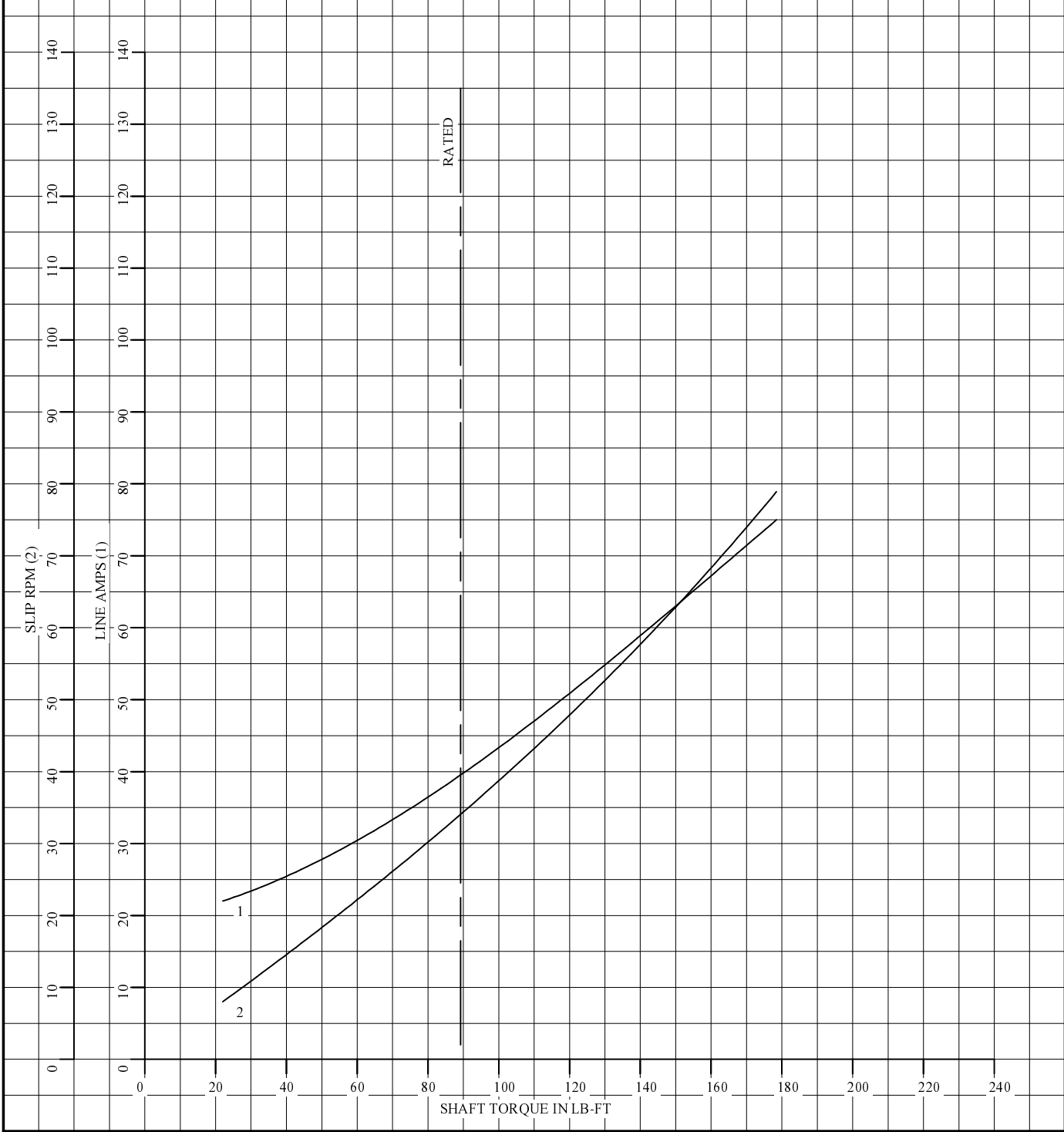
L3310A

SH 1 OF 2

ISSUE DATE 6-5-06

REL S.O.	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE	
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BASE SPEED	1765	S.F.	1.0	P.F.@NL/FL	.064/.797	R2	.102 X2 .791
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	1.92		XM 13.4

CORRELATED DATA  
LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



REMARKS: TYPICAL DATA  
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A-C MOTOR  
PERFORMANCE  
CURVES

L3310A  
SH 2 OF 2  
ISSUE DATE 6-5-06