

REL S.O.	-	VOLTS	460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	FL2586	AMPS	51	MAX SAFE RPM	5000	(AT BASE RATING, 25 °C)	
HP	40	DUTY	CONT	IM (AMPS)	25	R1	.0669 X1 .338
BASE SPEED	1780	S.F.	1.0	P.F.@NL/FL	.049/.804	R2	.0458 X2 .610
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	4.9		XM 10.5

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1781	40.0	118	460	60	50.6
MAX SPEED	3560	40.0	59	460	120	46.8
MIN SPEED	0	0	118	9.71	.621	50.6

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	24.5
1/4	1795	10.0	29	460	60	27.5
1/2	1791	20.0	59	460	60	33.4
3/4	1786	30.0	88	460	60	41.4
FULL LOAD	1781	40.0	118	460	60	50.6
O/L	1760	79.1	236	460	60	92.0

BLOWER DATA	VOLTS	PH/HZ	FL AMPS	LR AMPS	FRAME	CFM

REMARKS: TYPICAL DATA
CORRELATED DATA

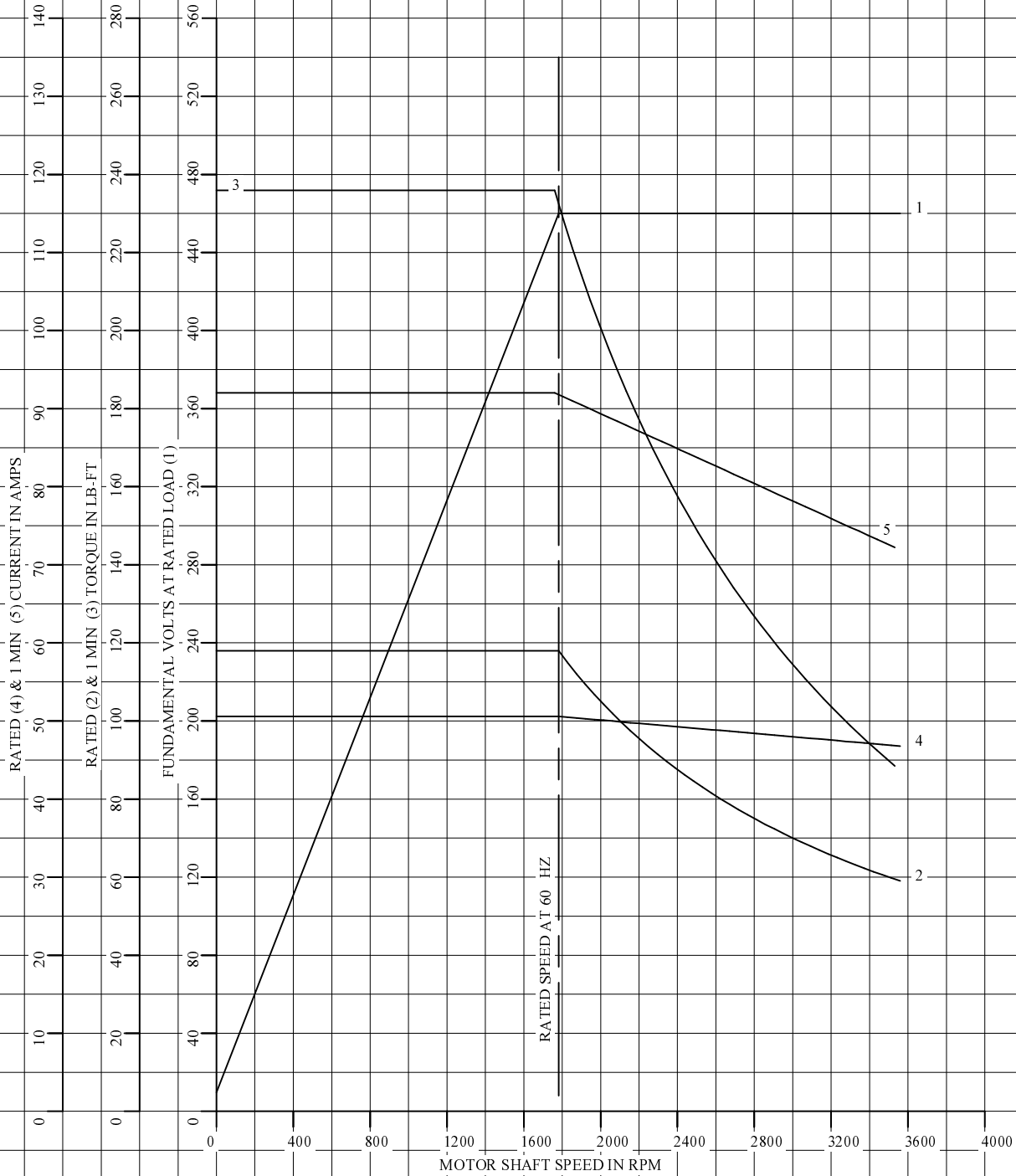


DR. BY B. GRANT
 CK. BY B. GRANT
 APP. BY T. CUFR
 DATE 5-9-06

A-C MOTOR
PERFORMANCE L3271A
DATA ISSUE DATE 5-9-06

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BASE SPEED	1780	S.F.	1.0	P.F.@NL/FL	.049/.804	R2 .0458	X2 .610
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	4.9		XM 10.5

CORRELATED DATA
VARIABLE SPEED AC MOTOR CURVES



REMARKS: TYPICAL DATA
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



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PERFORMANCE
CURVES

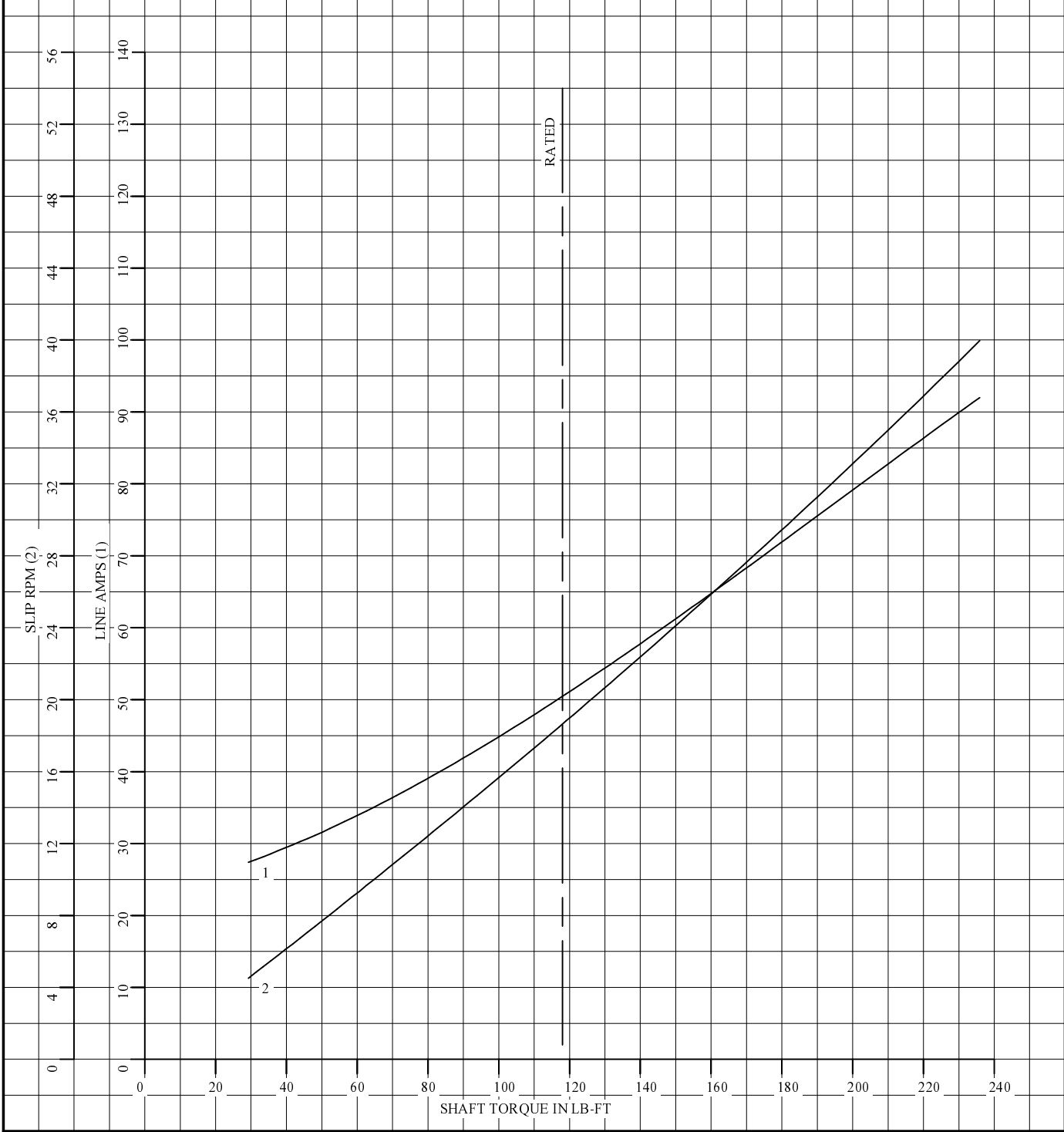
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SH 1 OF 2

ISSUE DATE 5-9-06

REL S.O.	-	VOLTS	460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE	
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PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	4.9		XM 10.5

CORRELATED DATA
LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



REMARKS: TYPICAL DATA
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A-C MOTOR
PERFORMANCE
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SH 2 OF 2
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