

REL S.O.	-	VOLTS	460	ENCLOSURE	TEFC	WYE	CONN	EQ	CKT	OHMS	PER PHASE
FRAME	FL2898	AMPS	94	MAX SAFE RPM	4800						(AT BASE RATING, 25 °C)
HP	75	DUTY	CONT	IM (AMPS)	45	R1	.0315	X1	.226		
BASE SPEED	1785	S.F.	1.0	P.F.@NL/FL	.040/.804	R2	.0209	X2	.337		
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	11.1			XM	5.89		

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1784	75.0	221	460	60	93.7
MAX SPEED	3563	75.1	111	460	120	91.5
MIN SPEED	0	0	221	8.53	.539	93.7

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	43.7
1/4	1796	18.8	55	460	60	49.4
1/2	1792	37.5	110	460	60	60.9
3/4	1788	56.2	165	460	60	76.2
FULL LOAD	1784	75.0	221	460	60	93.7
O/L	1765	148	442	460	60	174

BLOWER DATA

VOLTS	PH/HZ	FL AMPS	LR AMPS	FRAME	CFM

REMARKS: TYPICAL DATA



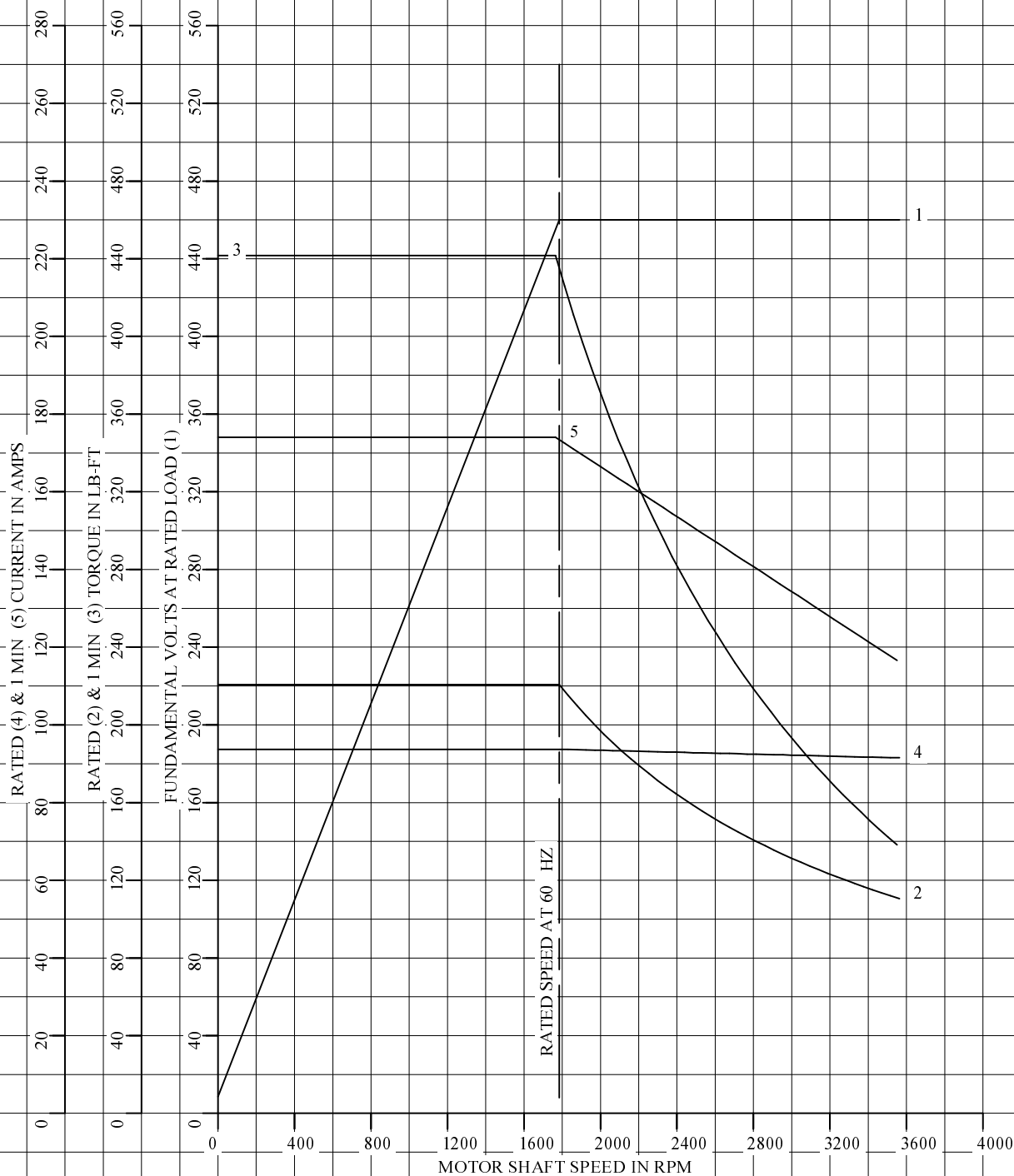
DR. BY R. SMITH
CK. BY R. SMITH
APP. BY S. EVON
DATE 6-27-08

A-C MOTOR
PERFORMANCE DATA
L4051A

ISSUE DATE 6-27-08

REL S.O.	-	VOLTS	460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	FL2898	AMPS	94	MAX SAFE RPM	4800	(AT BASE RATING, 25 °C)	
HP	75	DUTY	CONT	IM (AMPS)	45	R1 .0315	X1 .226
BASE SPEED	1785	S.F.	1.0	P.F.@NL/FL	.040/.804	R2 .0209	X2 .337
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	11.1	XM 5.89	

VARIABLE SPEED AC MOTOR CURVES



REMARKS: TYPICAL DATA
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



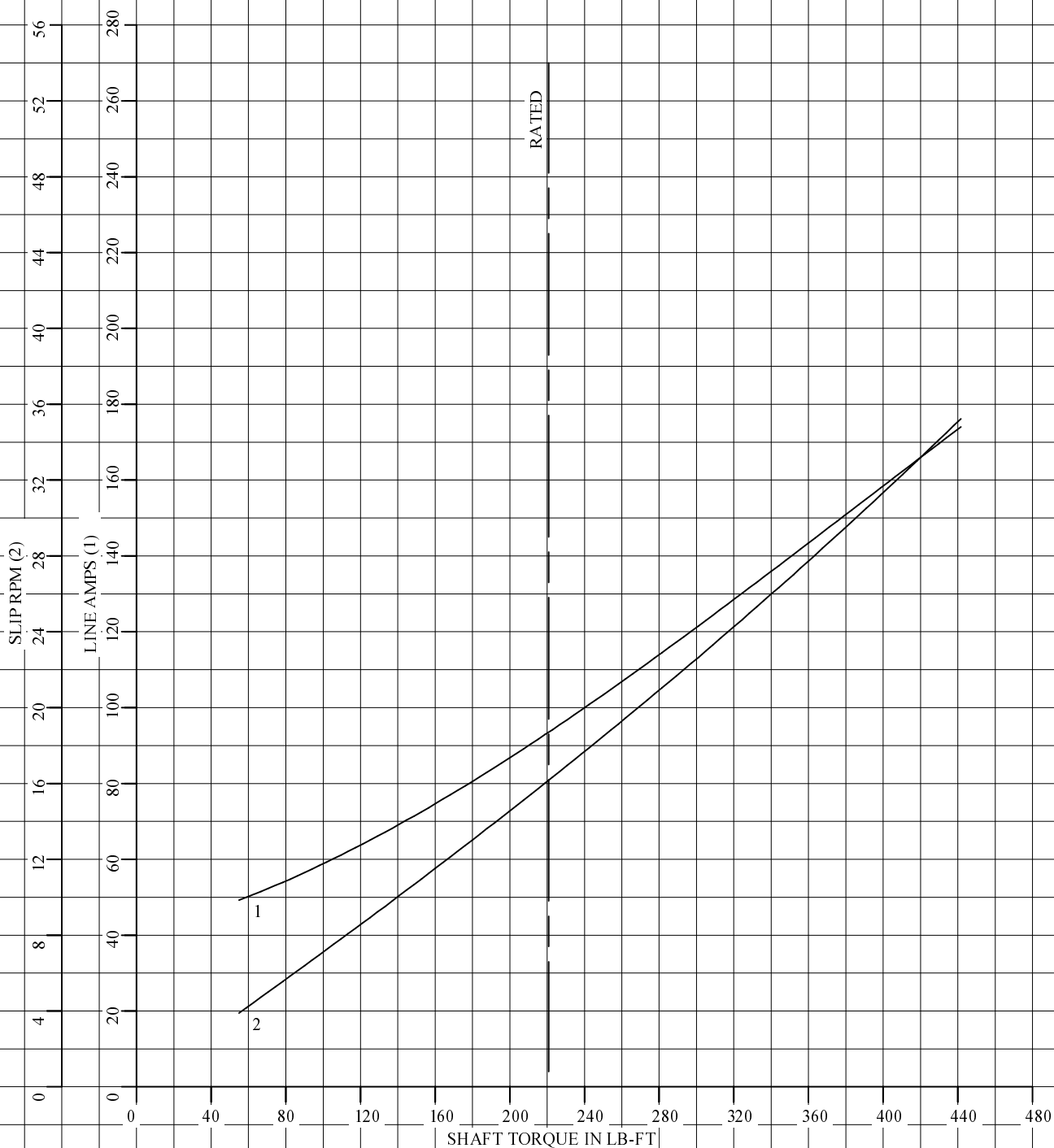
DR. BY	R. SMITH
CK. BY	R. SMITH
APP. BY	S. EVON
DATE	6-27-08

**A-C MOTOR
PERFORMANCE
CURVES**

L4051A
SH 1 OF 2
ISSUE DATE 6-27-08

REL S.O.	-	VOLTS	460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	FL2898	AMPS	94	MAX SAFE RPM	4800	(AT BASE RATING, 25 °C)	
HP	75	DUTY	CONT	IM (AMPS)	45	R1 .0315	X1 .226
BASE SPEED	1785	S.F.	1.0	P.F.@NL/FL	.040/.804	R2 .0209	X2 .337
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	11.1	XM 5.89	

LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



REMARKS: TYPICAL DATA
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



DR. BY	R. SMITH
CK. BY	R. SMITH
APP. BY	S. EVON
DATE	6-27-08

**A-C MOTOR
PERFORMANCE
CURVES**

L4051A
SH 2 OF 2
ISSUE DATE 6-27-08