

REL S.O.	-	VOLTS	460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE		
FRAME	FL2890	AMPS	75	MAX SAFE RPM	4800	(AT BASE RATING, 25 °C)		
HP	60	DUTY	CONT	IM (AMPS)	36	R1	.0405	X1 .287
BASE SPEED	1785	S.F.	1.0	P.F.@NL/FL	.042/.801	R2	.0261	X2 .419
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	9.7			XM 7.25

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1784	60.0	177	460	60	75.4
MAX SPEED	3562	60.0	88	460	120	74.1
MIN SPEED	0	0	177	8.82	.541	75.4

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	35.5
1/4	1796	15.0	44	460	60	40.0
1/2	1792	30.0	88	460	60	49.2
3/4	1788	45.0	132	460	60	61.5
FULL LOAD	1784	60.0	177	460	60	75.4
O/L	1765	119	353	460	60	140

BLOWER DATA

VOLTS	PH/HZ	FL AMPS	LR AMPS	FRAME	CFM

REMARKS: TYPICAL DATA



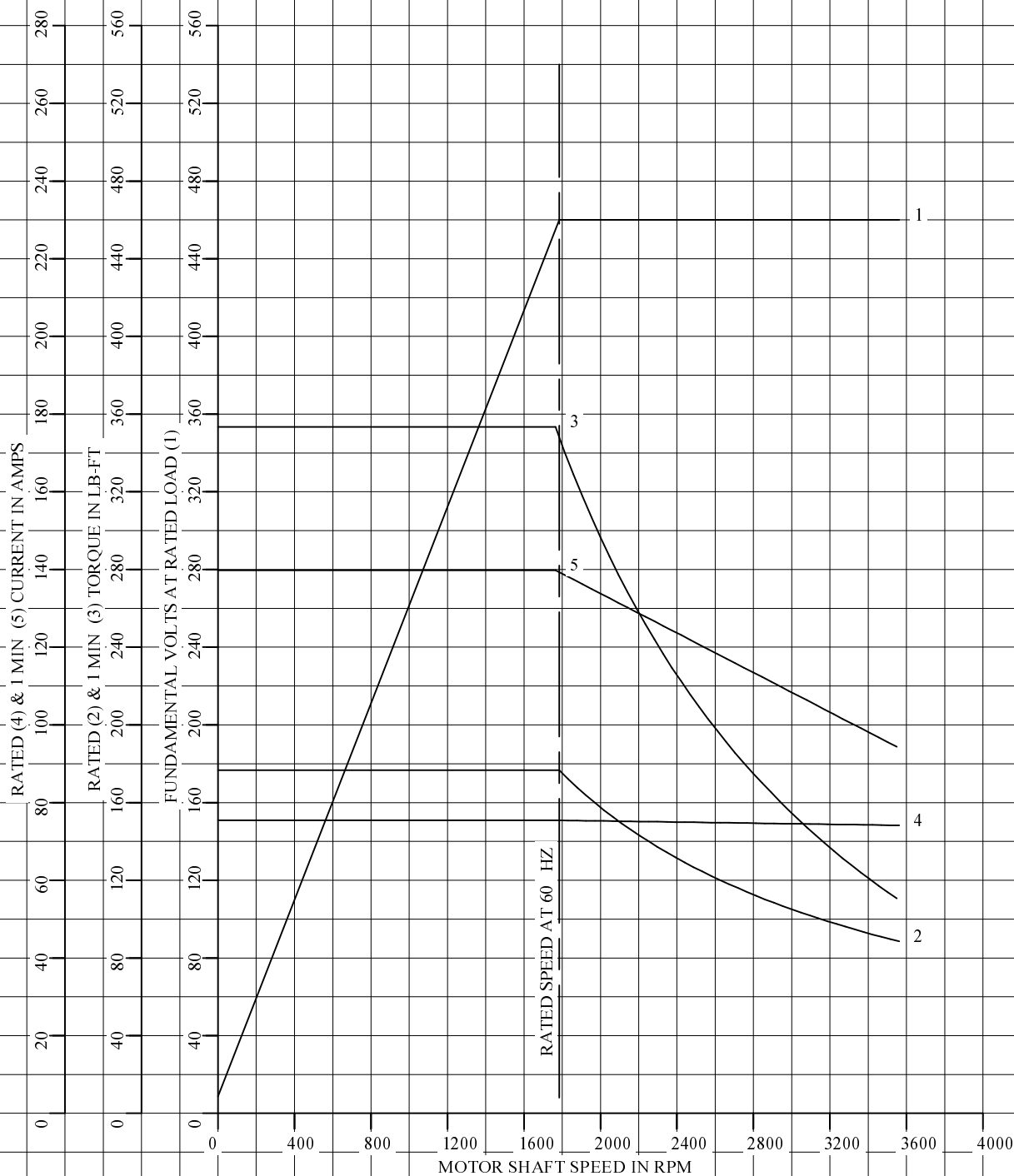
DR. BY	R. SMITH
CK. BY	R. SMITH
APP. BY	S. EVON
DATE	6-27-08

**A-C MOTOR
PERFORMANCE DATA** L4050A

ISSUE DATE 6-27-08

REL S.O.	-	VOLTS	460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	FL2890	AMPS	75	MAX SAFE RPM	4800	(AT BASE RATING, 25 °C)	
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BASE SPEED	1785	S.F.	1.0	P.F.@NL/FL	.042/.801	R2 .0261	X2 .419
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	9.7	XM 7.25	

VARIABLE SPEED AC MOTOR CURVES



REMARKS: TYPICAL DATA
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



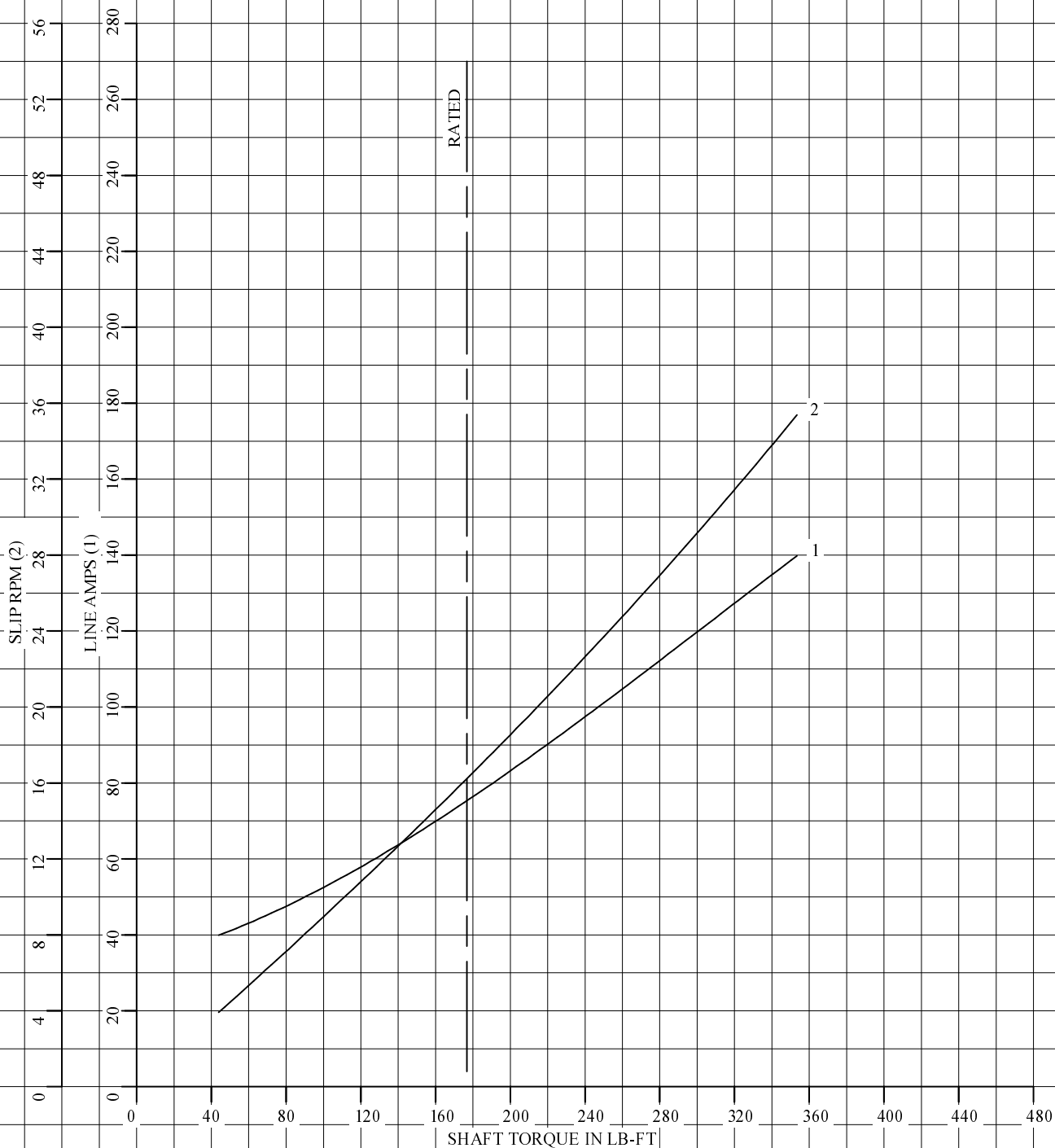
DR. BY	R. SMITH
CK. BY	R. SMITH
APP. BY	S. EVON
DATE	6-27-08

**A-C MOTOR
PERFORMANCE
CURVES**

L4050A
SH 1 OF 2
ISSUE DATE 6-27-08

REL S.O.	-	VOLTS	460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	FL2890	AMPS	75	MAX SAFE RPM	4800	(AT BASE RATING, 25 °C)	
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PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	9.7	XM 7.25	

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**

L4050A
SH 2 OF 2
ISSUE DATE 6-27-08