

REL S.O.	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE			
FRAME	FL1852	AMPS	27	MAX SAFE RPM	7200	(AT BASE RATING, 25 °C)			
HP	20	DUTY	CONT	IM (AMPS)	14.6	R1	.258	X1	.906
BASE SPEED	1755	S.F.	1.0	P.F.@NL/FL	.060/.796	R2	.191	X2	1.03
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	.8			XM	18.9

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1757	20.0	60	460	60	27.1
MAX SPEED	3564	20.0	29	460	122	24.8
MIN SPEED	0	0	60	20.2	1.44	27.1

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	14.3
1/4	1790	5.01	15	460	60	15.5
1/2	1779	10.0	30	460	60	18.5
3/4	1769	15.0	45	460	60	22.3
FULL LOAD	1757	20.0	60	460	60	27.1
O/L	1701	38.8	120	460	60	50.9

REMARKS: TYPICAL DATA

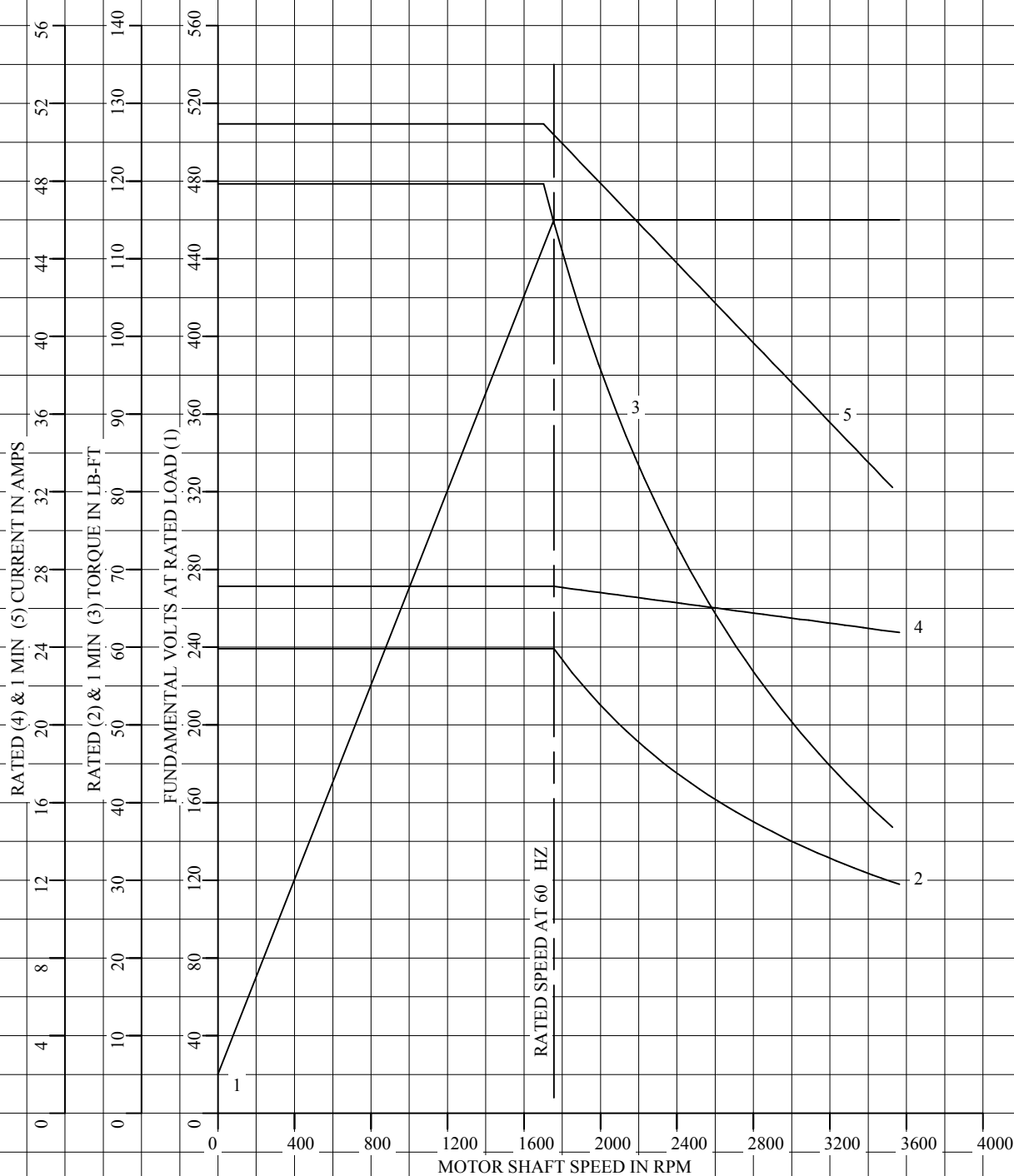


DR. BY B. GRANT
 CK. BY B. GRANT
 APP. BY T. CUFR
 DATE 5-31-06

A-C MOTOR
 PERFORMANCE DATA L3218A
 ISSUE DATE 8-2-16

REL S.O.	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	FL1852	AMPS	27	MAX SAFE RPM	7200	(AT BASE RATING, 25 °C)	
HP	20	DUTY	CONT	IM (AMPS)	14.6	R1 .258	X1 .906
BASE SPEED	1755	S.F.	1.0	P.F. @NL/FL	.060/.796	R2 .191	X2 1.03
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	.8	XM 18.9	

VARIABLE SPEED AC MOTOR CURVES



REMARKS: TYPICAL DATA
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY

BALDOR
A MEMBER OF THE ABB GROUP

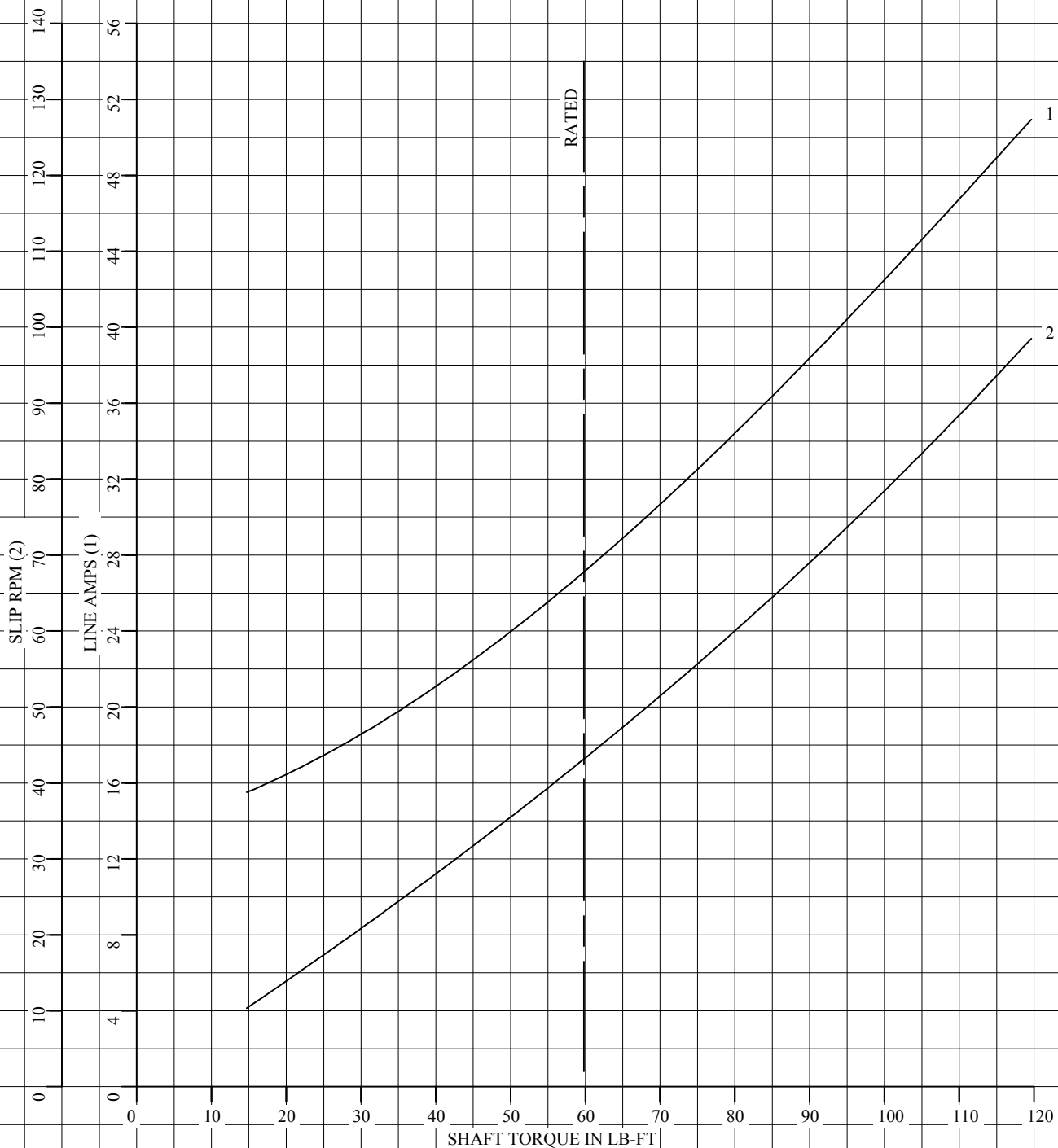
DR. BY	B. GRANT
CK. BY	B. GRANT
APP. BY	T. CUFR
DATE	5-31-06

**A-C MOTOR
PERFORMANCE
CURVES**

L3218A
SH 1 OF 2
ISSUE DATE 8-2-16

REL S.O.	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	FL1852	AMPS	27	MAX SAFE RPM	7200	(AT BASE RATING, 25 °C)	
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BASE SPEED	1755	S.F.	1.0	P.F. @NL/FL	.060/.796	R2 .191	X2 1.03
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	.8	XM 18.9	

LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



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DR. BY B. GRANT
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DATE 5-31-06

**A-C MOTOR
PERFORMANCE
CURVES**

L3218A
SH 2 OF 2
ISSUE DATE 8-2-16