

REL S.O.	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE			
FRAME	FL2173	AMPS	51	MAX SAFE RPM	5000	(AT BASE RATING, 25 °C)			
HP	40	DUTY	CONT	IM (AMPS)	20	R1	.108	X1	.495
BASE SPEED	1770	S.F.	1.0	P.F.@NL/FL	.060/.820	R2	.0747	X2	.632
PHASE/HERTZ	3/60	AMB °C/INSUL	50/H	WK ² (Lb-Ft ²)	2.64			XM	11.5

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1768	40.0	119	460	60	50.7
MAX SPEED	3526	40.0	60	460	120	49.1
MIN SPEED	0	0	119	16.1	1.08	50.7

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	22.9
1/4	1792	10.0	29	460	60	25.9
1/2	1785	20.0	59	460	60	32.3
3/4	1776	30.0	89	460	60	40.8
FULL LOAD	1768	40.0	119	460	60	50.7
O/L	1726	78.1	238	460	60	97.6

REMARKS: TYPICAL DATA
CORRELATED DATA

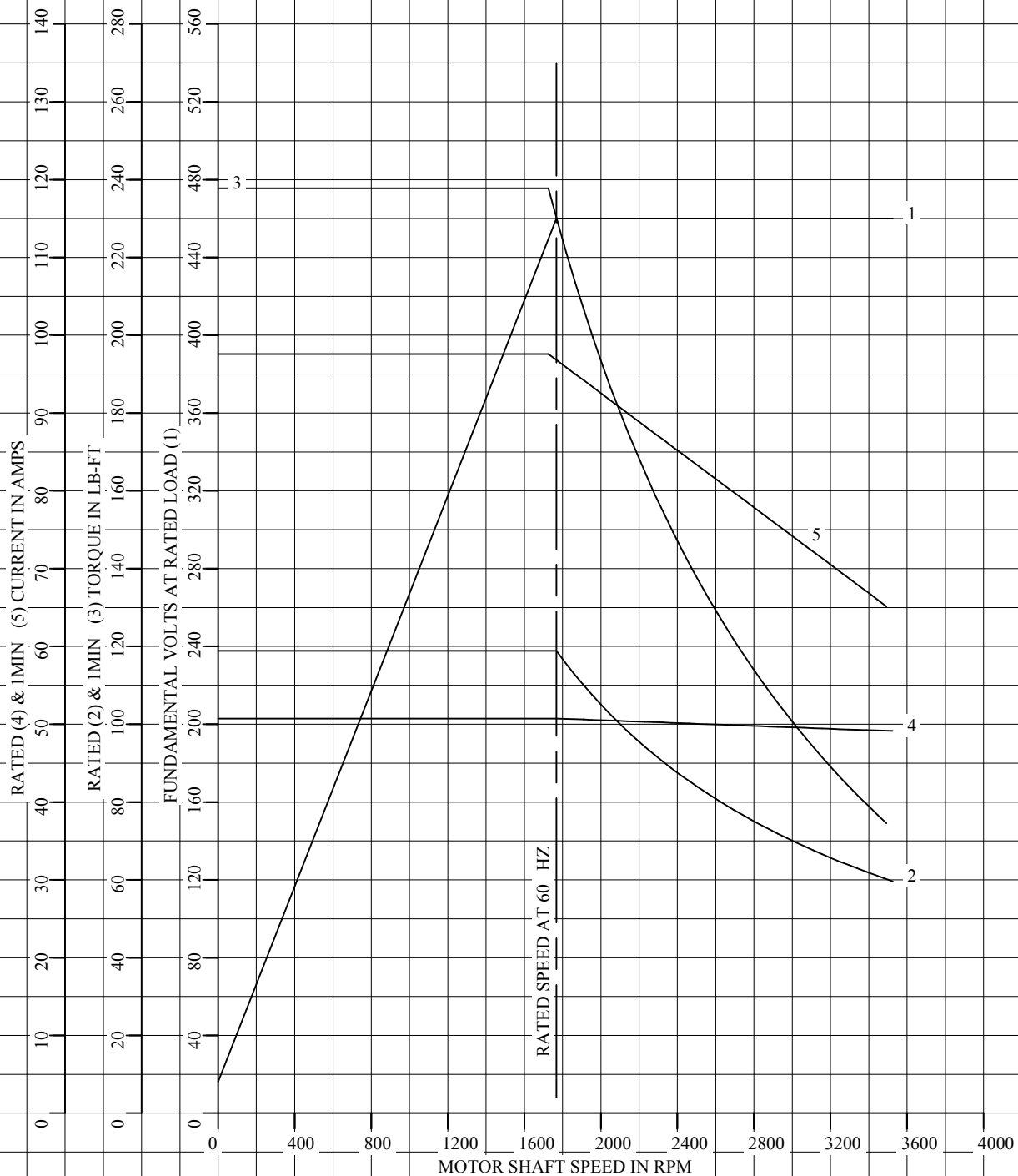


DR. BY K. GREEN
CK. BY B. GRANT
APP. BY J. MARTIN
DATE 8-25-14

A-C MOTOR
PERFORMANCE L3311A
DATA
ISSUE DATE 2-19-16

REL S.O.	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	FL2173	AMPS	51	MAX SAFE RPM	5000	(AT BASE RATING, 25 °C)	
HP	40	DUTY	CONT	IM (AMPS)	20	R1 .108	X1 .495
BASE SPEED	1770	S.F.	1.0	P.F. @NL/FL	.060/.820	R2 .0747	X2 .632
PHASE/HERTZ	3/60	AMB °C/INSUL	50/H	WK ² (Lb-Ft ²)	2.64	XM 11.5	

CORRELATED DATA
VARIABLE SPEED AC MOTOR CURVES



REMARKS: TYPICAL DATA
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY

BALDOR
A MEMBER OF THE ABB GROUP

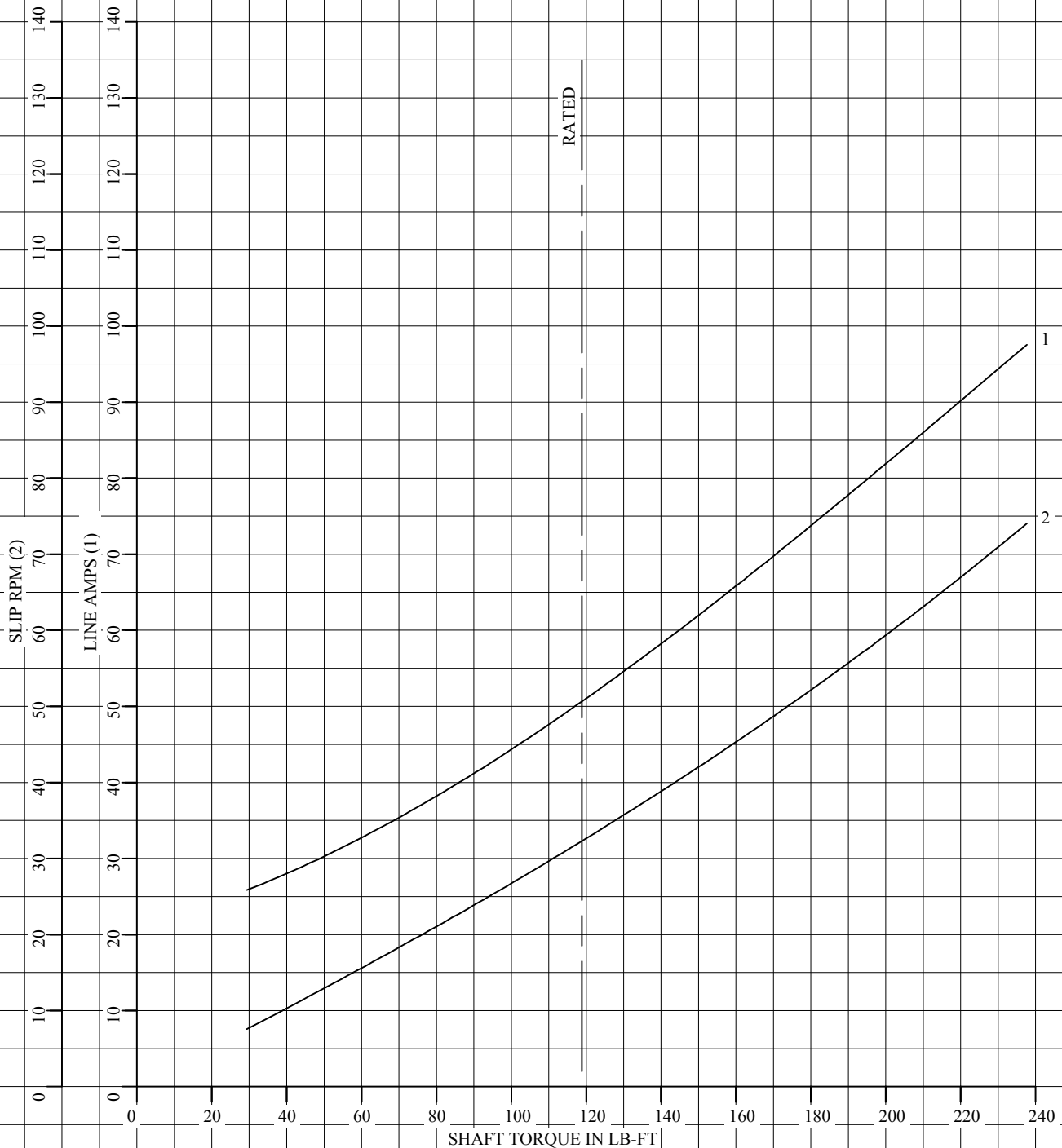
DR. BY K. GREEN
CK. BY B. GRANT
APP. BY J. MARTIN
DATE 8-25-14

**A-C MOTOR
PERFORMANCE
CURVES**

L3311A
SH 1 OF 2
ISSUE DATE 2-19-16

REL S.O.	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	FL2173	AMPS	51	MAX SAFE RPM	5000	(AT BASE RATING, 25 °C)	
HP	40	DUTY	CONT	IM (AMPS)	20	R1 .108	X1 .495
BASE SPEED	1770	S.F.	1.0	P.F. @NL/FL	.060/.820	R2 .0747	X2 .632
PHASE/HERTZ	3/60	AMB °C/INSUL	50/H	WK ² (Lb-Ft ²)	2.64	XM 11.5	

CORRELATED DATA
LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



REMARKS: TYPICAL DATA
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY

BALDOR
A MEMBER OF THE ABB GROUP

DR. BY	K. GREEN
CK. BY	B. GRANT
APP. BY	J. MARTIN
DATE	8-25-14

**A-C MOTOR
PERFORMANCE
CURVES**

L3311A
SH 2 OF 2
ISSUE DATE 2-19-16