

REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE			
FRAME	RL3698	AMPS	298	MAX SAFE RPM	3750	(AT BASE RATING, 25 °C)			
HP	250	DUTY	CONT	IM (AMPS)	98	R1	.0191	X1	.122
BASE SPEED	1170	S.F.	1.0	P.F.@NL/FL	.041/.866	R2	.0142	X2	.106
PHASE/HERTZ	3/40	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	35.4			XM	2.82

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1171	250	1121	460	40	299
MAX SPEED	2002	250	656	460	68.6	301
MIN SPEED	0	0	1121	18.3	.968	299

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1200	0	0	460	40	95.5
1/4	1194	62.5	275	460	40	119
1/2	1187	125	554	460	40	168
3/4	1179	187	835	460	40	229
FULL LOAD	1171	250	1121	460	40	299
O/L	1151	369	1682	460	40	457

REMARKS: TYPICAL DATA

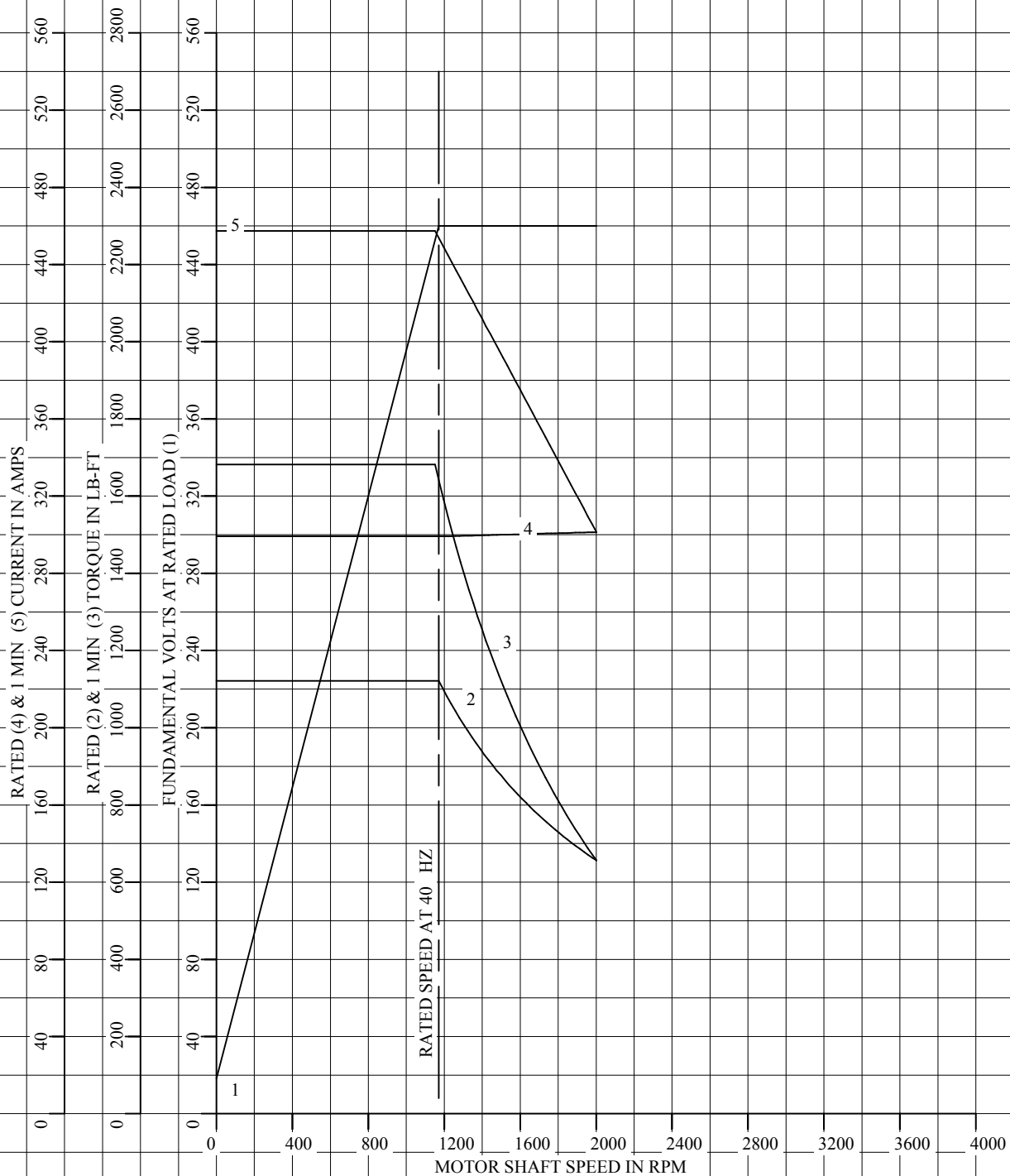


DR. BY K. GREEN
 CK. BY B. GRANT
 APP. BY J. MARTIN
 DATE 6-09-2014

**A-C MOTOR
 PERFORMANCE DATA** **L6130A**
 ISSUE DATE **7-14-17**

REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	RL3698	AMPS	298	MAX SAFE RPM	3750	(AT BASE RATING, 25 °C)	
HP	250	DUTY	CONT	IM (AMPS)	98	R1 .0191	X1 .122
BASE SPEED	1170	S.F.	1.0	P.F. @NL/FL	.041/.866	R2 .0142	X2 .106
PHASE/HERTZ	3/40	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	35.4	XM 2.82	

VARIABLE SPEED AC MOTOR CURVES



REMARKS: TYPICAL DATA
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY

BALDOR
A MEMBER OF THE ABB GROUP

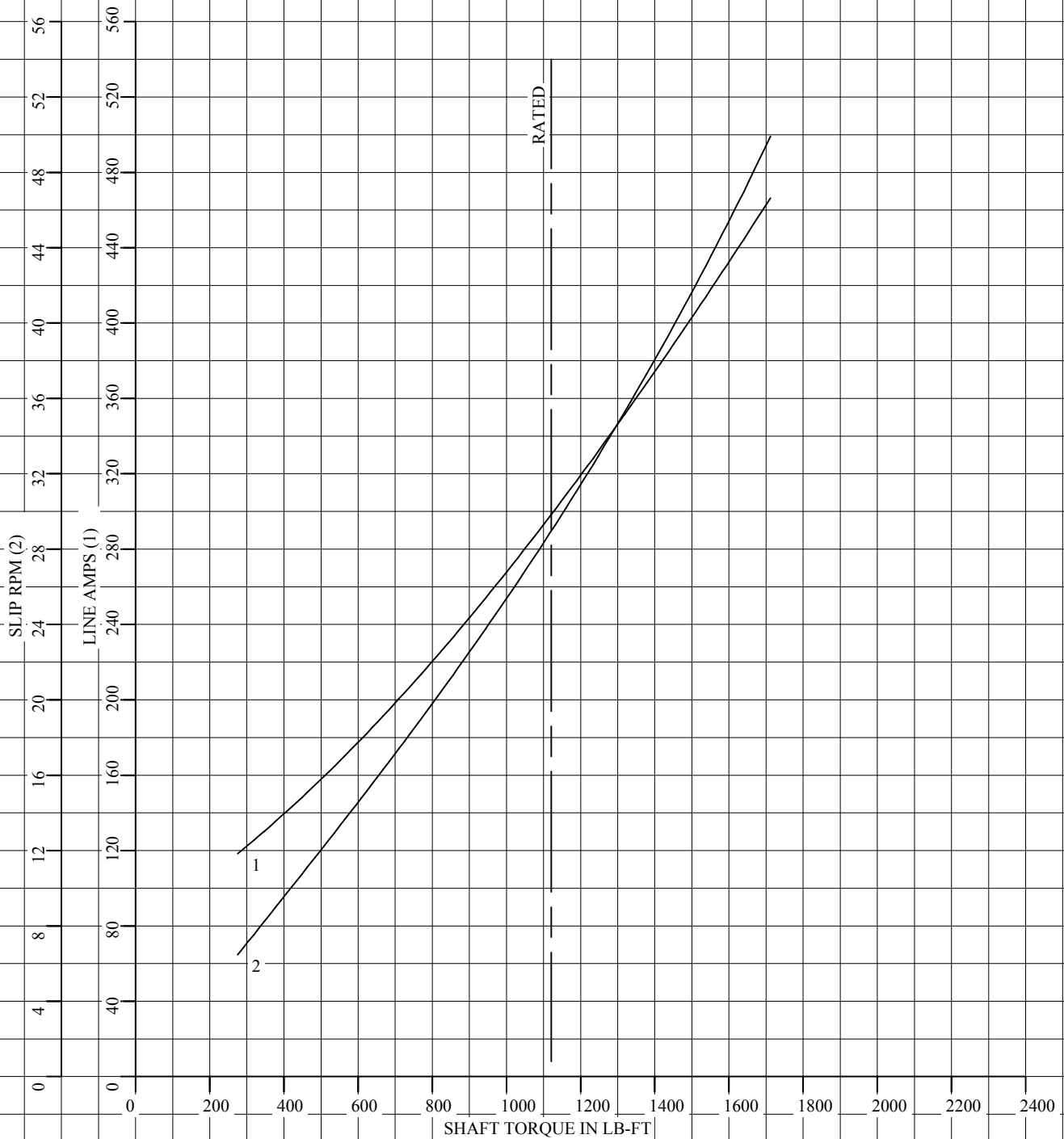
DR. BY K. GREEN
CK. BY B. GRANT
APP. BY J. MARTIN
DATE 6-09-2014

**A-C MOTOR
PERFORMANCE
CURVES**

L6130A
SH 1 OF 2
ISSUE DATE 7-14-17

REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	RL3698	AMPS	298	MAX SAFE RPM	3750	(AT BASE RATING, 25 °C)	
HP	250	DUTY	CONT	IM (AMPS)	98	R1 .0191	X1 .122
BASE SPEED	1170	S.F.	1.0	P.F. @NL/FL	.041/.866	R2 .0142	X2 .106
PHASE/HERTZ	3/40	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	35.4	XM 2.82	

LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



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**A-C MOTOR
PERFORMANCE
CURVES**

L6130A
SH 2 OF 2
ISSUE DATE 7-14-17