

REL S.O.	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE			
FRAME	FL3698	AMPS	234	MAX SAFE RPM	3750	(AT BASE RATING, 25 °C)			
HP	200	DUTY	CONT	IM (AMPS)	92	R1	.0107	X1	.0887
BASE SPEED	1785	S.F.	1.0	P.F.@NL/FL	.037/.852	R2	.00771	X2	.111
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	35			XM	2.79

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1784	200	589	460	60	234
MAX SPEED	3600	200	292	460	121.2	225
MIN SPEED	0	0	589	7.34	.5464	234

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	91.3
1/4	1796	50.1	146	460	60	109
1/2	1792	100	293	460	60	143
3/4	1788	150	441	460	60	186
FULL LOAD	1784	200	589	460	60	234
O/L	1764	396	1178	460	60	449

REMARKS: TYPICAL DATA
CORRELATED DATA

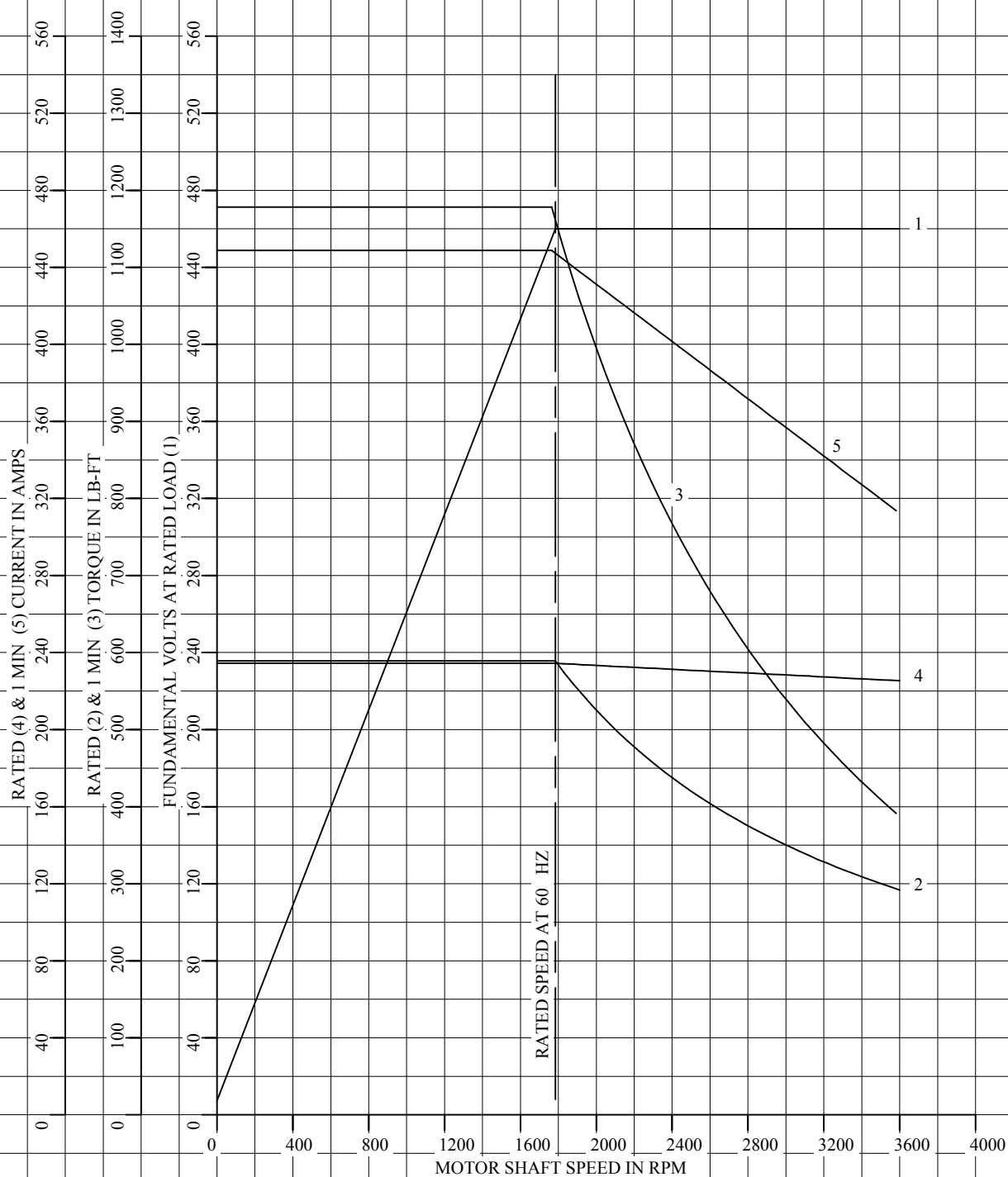


DR. BY K. GREEN
CK. BY B. GRANT
APP. BY J. MARTIN
DATE 06-11-14

A-C MOTOR
PERFORMANCE L6189A
DATA
ISSUE DATE 5-2-17

REL S.O.	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	FL3698	AMPS	234	MAX SAFE RPM	3750	(AT BASE RATING, 25 °C)	
HP	200	DUTY	CONT	IM (AMPS)	92	R1 .0107	X1 .0887
BASE SPEED	1785	S.F.	1.0	P.F. @NL/FL	.037/.852	R2 .00771	X2 .111
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	35	XM 2.79	

CORRELATED DATA
VARIABLE SPEED AC MOTOR CURVES



REMARKS: TYPICAL DATA
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY

BALDOR
A MEMBER OF THE ABB GROUP

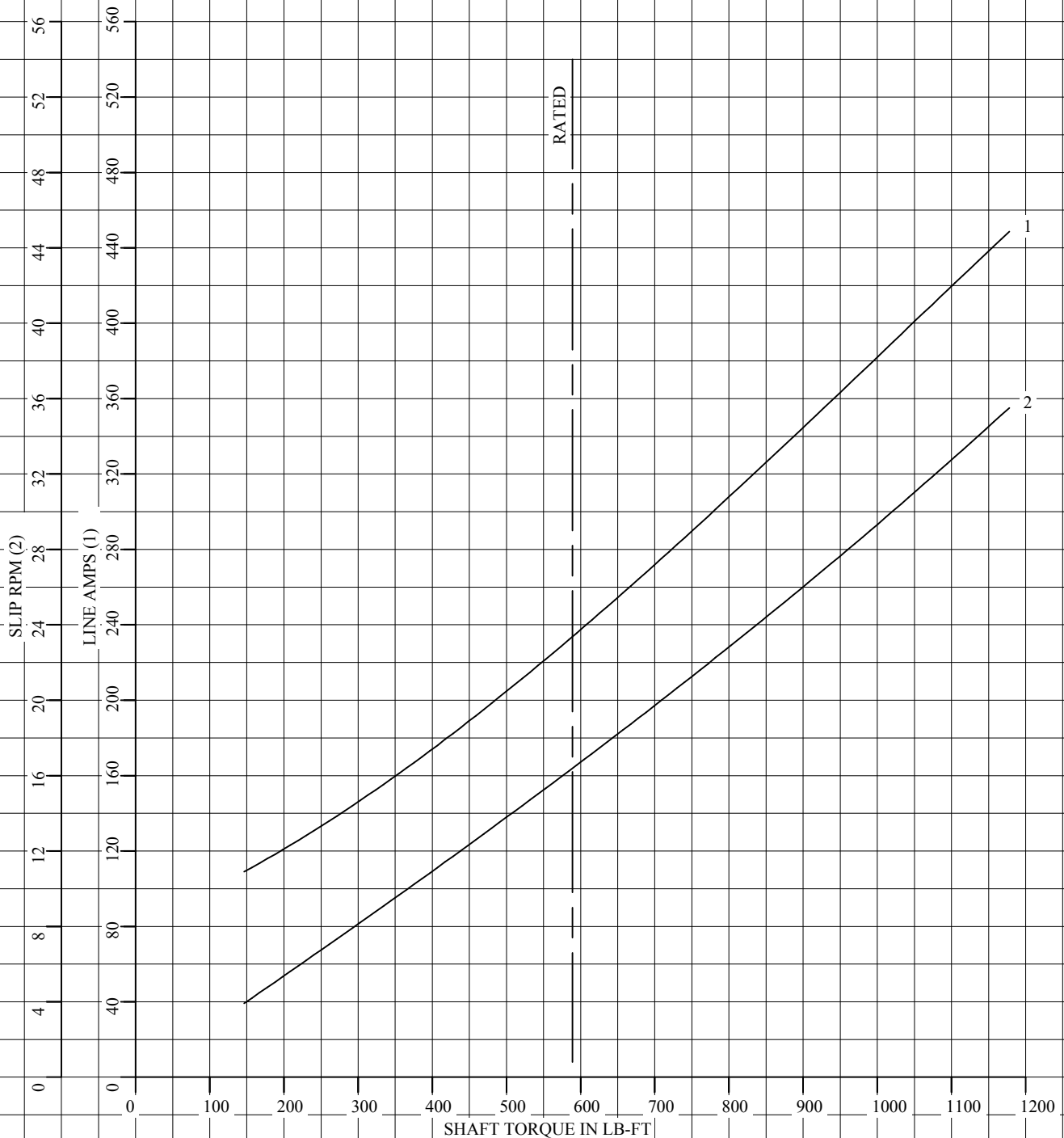
DR. BY K. GREEN
CK. BY B. GRANT
APP. BY J. MARTIN
DATE 06-11-14

**A-C MOTOR
PERFORMANCE
CURVES**

L6189A
SH 1 OF 2
ISSUE DATE 5-2-17

REL S.O.	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	FL3698	AMPS	234	MAX SAFE RPM	3750	(AT BASE RATING, 25 °C)	
HP	200	DUTY	CONT	IM (AMPS)	92	R1 .0107	X1 .0887
BASE SPEED	1785	S.F.	1.0	P.F. @NL/FL	.037/.852	R2 .00771	X2 .111
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	35	XM 2.79	

CORRELATED DATA
LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



REMARKS: TYPICAL DATA
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BALDOR
A MEMBER OF THE ABB GROUP

DR. BY	K. GREEN
CK. BY	B. GRANT
APP. BY	J. MARTIN
DATE	06-11-14

**A-C MOTOR
PERFORMANCE
CURVES**

L6189A
SH 2 OF 2
ISSUE DATE 5-2-17