

REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE			
FRAME	RL2578	AMPS	73	MAX SAFE RPM	5000	(AT BASE RATING, 25 °C)			
HP	60	DUTY	CONT	IM (AMPS)	22	R1	.137	X1	.453
BASE SPEED	1150	S.F.	1.0	P.F. @NL/FL	.066/.887	R2	.103	X2	.438
PHASE/HERTZ	3/40	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	4.2			XM	12.5

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1152	60.0	274	460	40	73.1
MAX SPEED	1295	60.0	243	460	45	72.4
MIN SPEED	0	0	0	31.0	1.61	73.0

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1200	0	0	460	40	21.5
1/4	1190	15.0	66	460	40	27.5
1/2	1178	30.0	134	460	40	39.9
3/4	1166	45.0	203	460	40	55.3
FULL LOAD	1152	60.0	274	460	40	73.1
O/L	1117	87.3	410	460	40	114

REMARKS: TYPICAL DATA
CORRELATED DATA

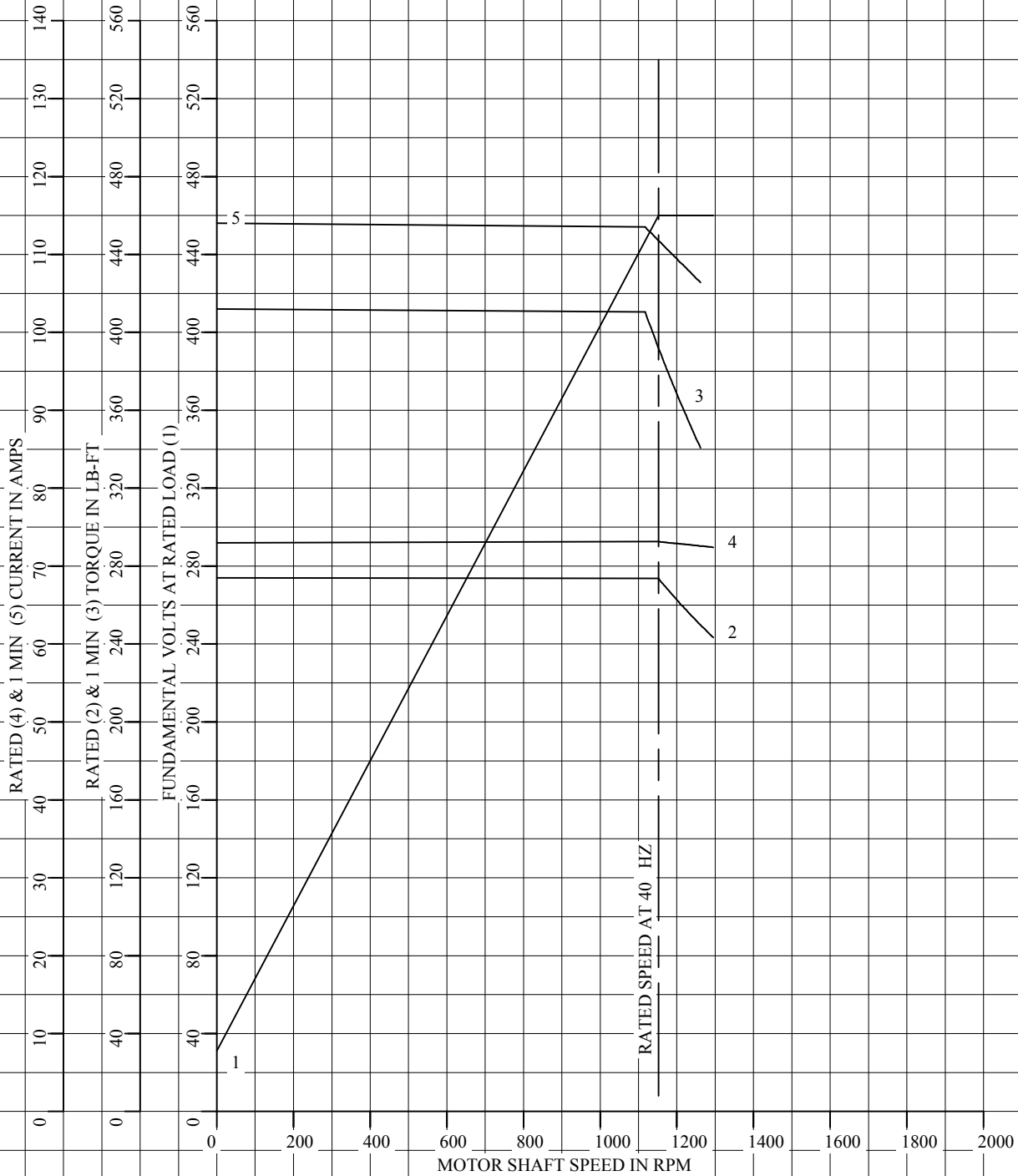


DR. BY K GREEN
 CK. BY B. GRANT
 APP. BY J. MARTIN
 DATE 08-15-2014

A-C MOTOR
PERFORMANCE DATA L1866A
 ISSUE DATE 08-15-20

REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	RL2578	AMPS	73	MAX SAFE RPM	5000	(AT BASE RATING, 25 °C)	
HP	60	DUTY	CONT	IM (AMPS)	22	R1 .137	X1 .453
BASE SPEED	1150	S.F.	1.0	P.F. @NL/FL	.066/.887	R2 .103	X2 .438
PHASE/HERTZ	3/40	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	4.2	XM 12.5	

CORRELATED DATA
VARIABLE SPEED AC MOTOR CURVES



REMARKS: TYPICAL DATA
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



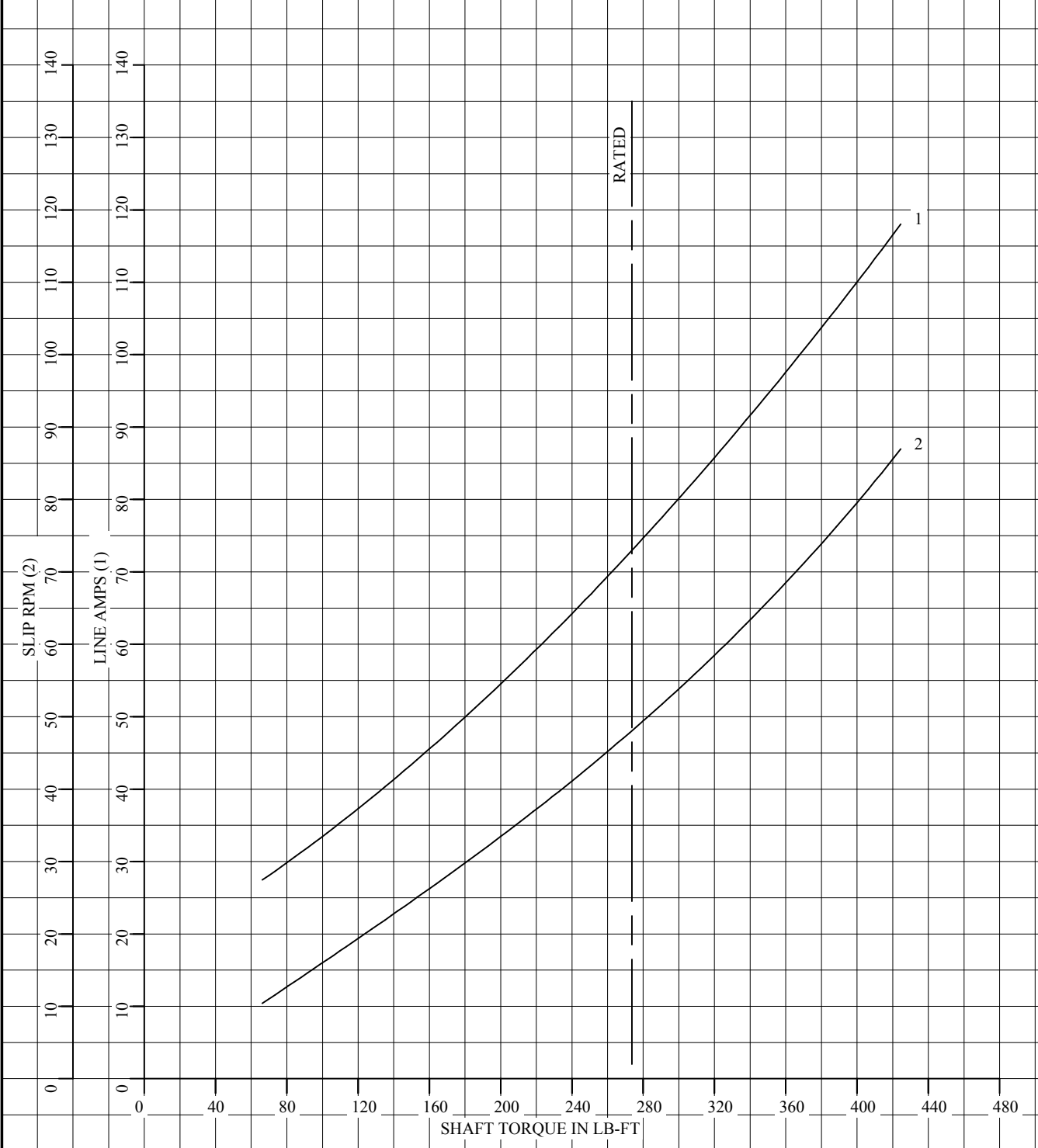
DR. BY K GREEN
CK. BY B. GRANT
APP. BY J. MARTIN
DATE 08-15-2014

A-C MOTOR
PERFORMANCE
CURVES

L1866A
SH 1 OF 2
ISSUE DATE 08-15-2014

REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	RL2578	AMPS	73	MAX SAFE RPM	5000	(AT BASE RATING, 25 °C)	
HP	60	DUTY	CONT	IM (AMPS)	22	R1 .137	X1 .453
BASE SPEED	1150	S.F.	1.0	P.F. @NL/FL	.066/.887	R2 .103	X2 .438
PHASE/HERTZ	3/40	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	4.2		XM 12.5

CORRELATED DATA
LOAD PERFORMANCE (CONSTANT V/Hz RANGE)



REMARKS: TYPICAL DATA
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



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DATE 08-15-2014

**A-C MOTOR
PERFORMANCE
CURVES**

L1866A
SH 2 OF 2
ISSUE DATE 08-15-2014