

REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE			
FRAME	RL4473	AMPS	870	MAX SAFE RPM	2700	(AT BASE RATING, 25 °C)			
HP	700	DUTY	CONT	IM (AMPS)	385	R1	.00262	X1	.0312
BASE SPEED	1190	S.F.	1.0	P.F. @NL/FL	.021/.798	R2	.00239	X2	.0476
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	230			XM	.689

### RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1188	700	3096	460	60	870
MAX SPEED	2173	701	1692	460	110	854
MIN SPEED	0	0	3096	6.64	.623	870

### LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1200	0	0	460	60	384
1/4	1197	175	769	460	60	432
1/2	1194	351	1542	460	60	548
3/4	1191	525	2314	460	60	698
FULL LOAD	1188	700	3096	460	60	870
O/L	1180	1044	4644	460	60	1252

REMARKS: TYPICAL DATA  
CORRELATED DATA

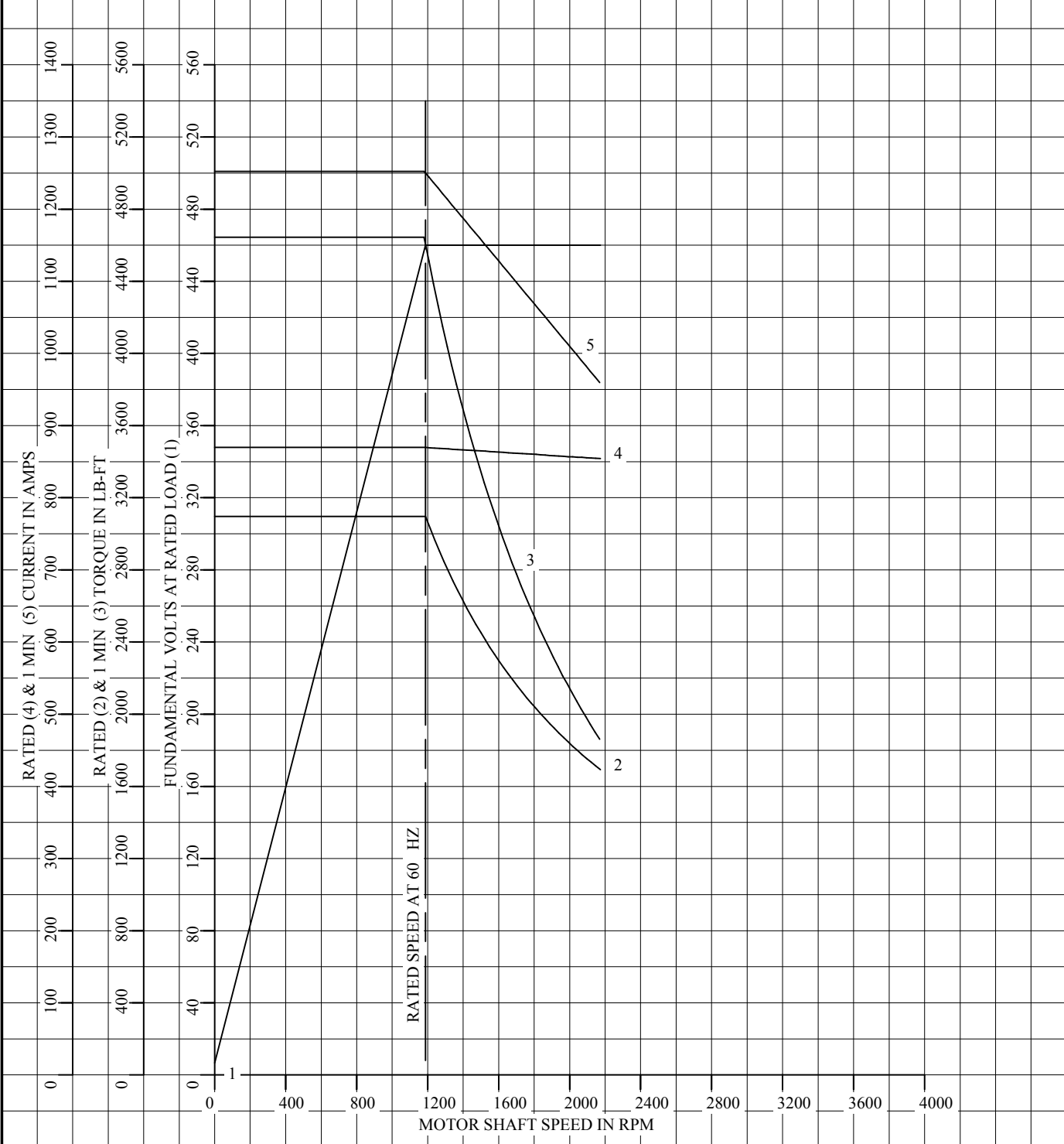


DR. BY R. ROBERTS  
 CK. BY B. GRANT  
 APP. BY J. MARTIN  
 DATE 6-3-16

**A-C MOTOR  
 PERFORMANCE DATA** L7057A  
 ISSUE DATE 6-3-16

REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	RL4473	AMPS	870	MAX SAFE RPM	2700	(AT BASE RATING, 25 °C)	
HP	700	DUTY	CONT	IM (AMPS)	385	R1	.00262 X1 .0312
BASE SPEED	1190	S.F.	1.0	P.F. @NL/FL	.021/.798	R2	.00239 X2 .0476
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	230		XM .689

CORRELATED DATA  
VARIABLE SPEED AC MOTOR CURVES



REMARKS: TYPICAL DATA  
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



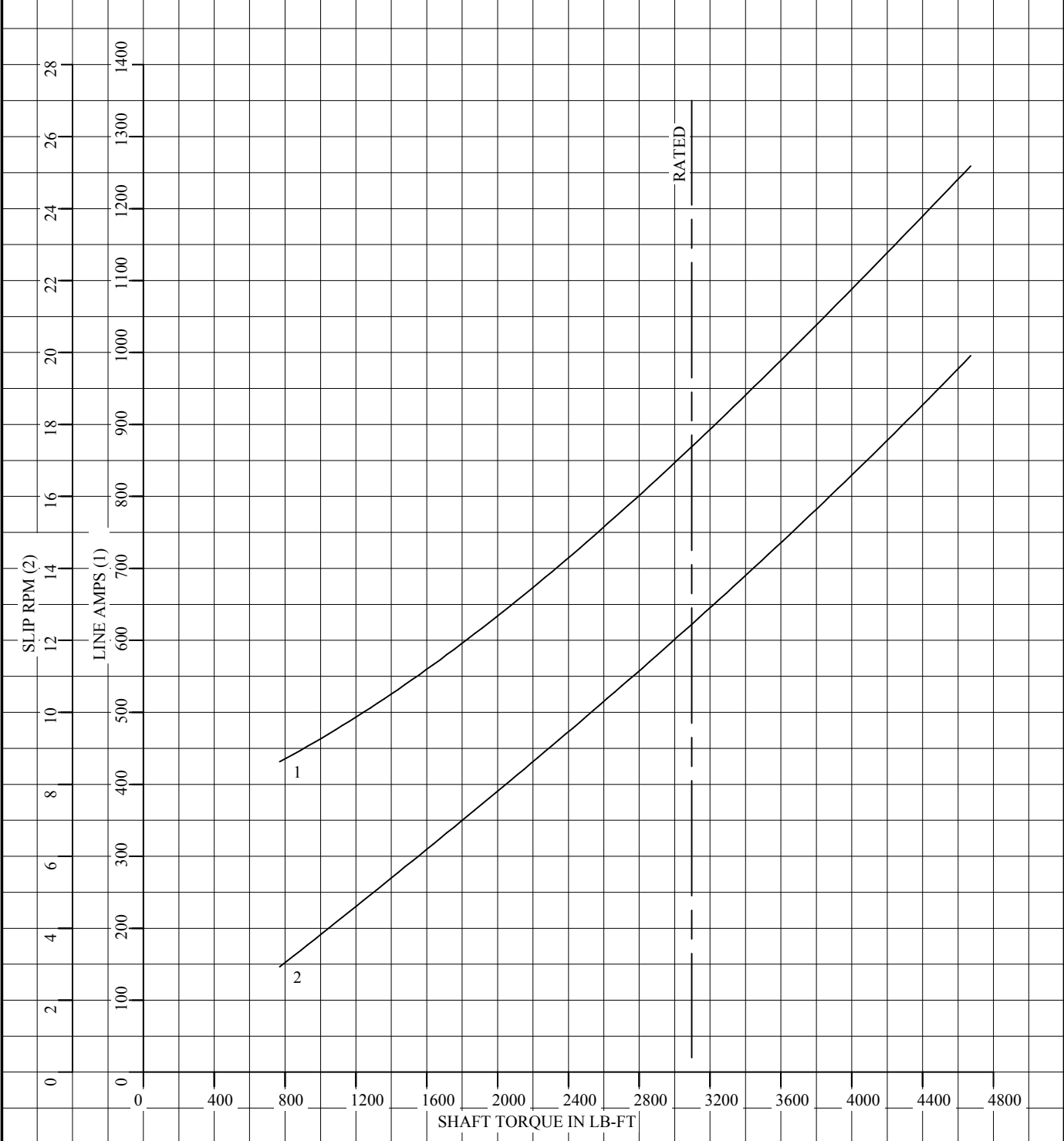
DR. BY R. ROBERTS  
CK. BY B. GRANT  
APP. BY J. MARTIN  
DATE 6-3-16

**A-C MOTOR  
PERFORMANCE  
CURVES**

**L7057A**  
SH 1 OF 2  
ISSUE DATE 6-3-16

REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	RL4473	AMPS	870	MAX SAFE RPM	2700	(AT BASE RATING, 25 °C)	
HP	700	DUTY	CONT	IM (AMPS)	385	R1	.00262 X1 .0312
BASE SPEED	1190	S.F.	1.0	P.F. @NL/FL	.021/.798	R2	.00239 X2 .0476
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	230		XM .689

CORRELATED DATA  
LOAD PERFORMANCE (CONSTANT V/Hz RANGE)



REMARKS: TYPICAL DATA  
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CK. BY B. GRANT  
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DATE 6-3-16

A-C MOTOR  
PERFORMANCE  
CURVES

L7057A  
SH 2 OF 2  
ISSUE DATE 6-3-16