

REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE			
FRAME	RL4046	AMPS	452	MAX SAFE RPM	3750	(AT BASE RATING, 25 °C)			
HP	400	DUTY	CONT	IM (AMPS)	118	R1	.00969	X1	.0635
BASE SPEED	1180	S.F.	1.0	P.F. @NL/FL	.043/.902	R2	.00727	X2	.0670
PHASE/HERTZ	3/40	AMB °C/INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	85			XM	2.31

### RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1178	400	1782	460	40	451
MAX SPEED	1999	400	1051	460	68	459
MIN SPEED	0	0	1782	13.5	.720	451

### LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1200	0	0	460	40	116
1/4	1195	102	448	460	40	161
1/2	1190	204	900	460	40	248
3/4	1184	305	1354	460	40	349
FULL LOAD	1178	400	1782	460	40	451
O/L	1149	780	3563	460	40	966

REMARKS: CORRELATED DATA

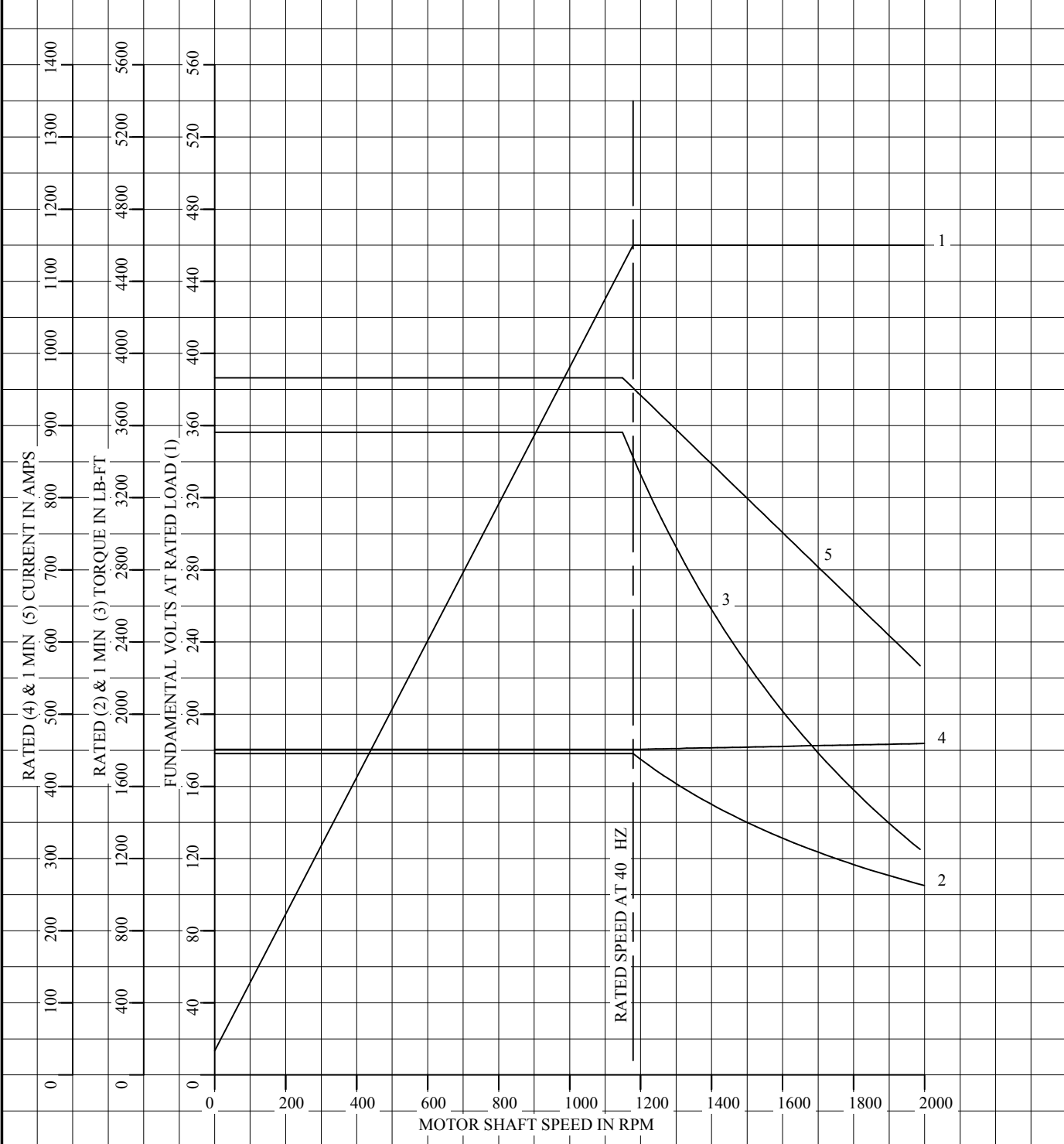


DR. BY J. MARTIN  
 CK. BY J. MARTIN  
 APP. BY T. EVON  
 DATE 7-23-03

**A-C MOTOR  
 PERFORMANCE DATA** L0630A  
 ISSUE DATE 7-24-15

REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	RL4046	AMPS	452	MAX SAFE RPM	3750	(AT BASE RATING, 25 °C)	
HP	400	DUTY	CONT	IM (AMPS)	118	R1 .00969	X1 .0635
BASE SPEED	1180	S.F.	1.0	P.F. @NL/FL	.043/.902	R2 .00727	X2 .0670
PHASE/HERTZ	3/40	AMB °C/INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	85		XM 2.31

CORRELATED DATA  
VARIABLE SPEED AC MOTOR CURVES



REMARKS: DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



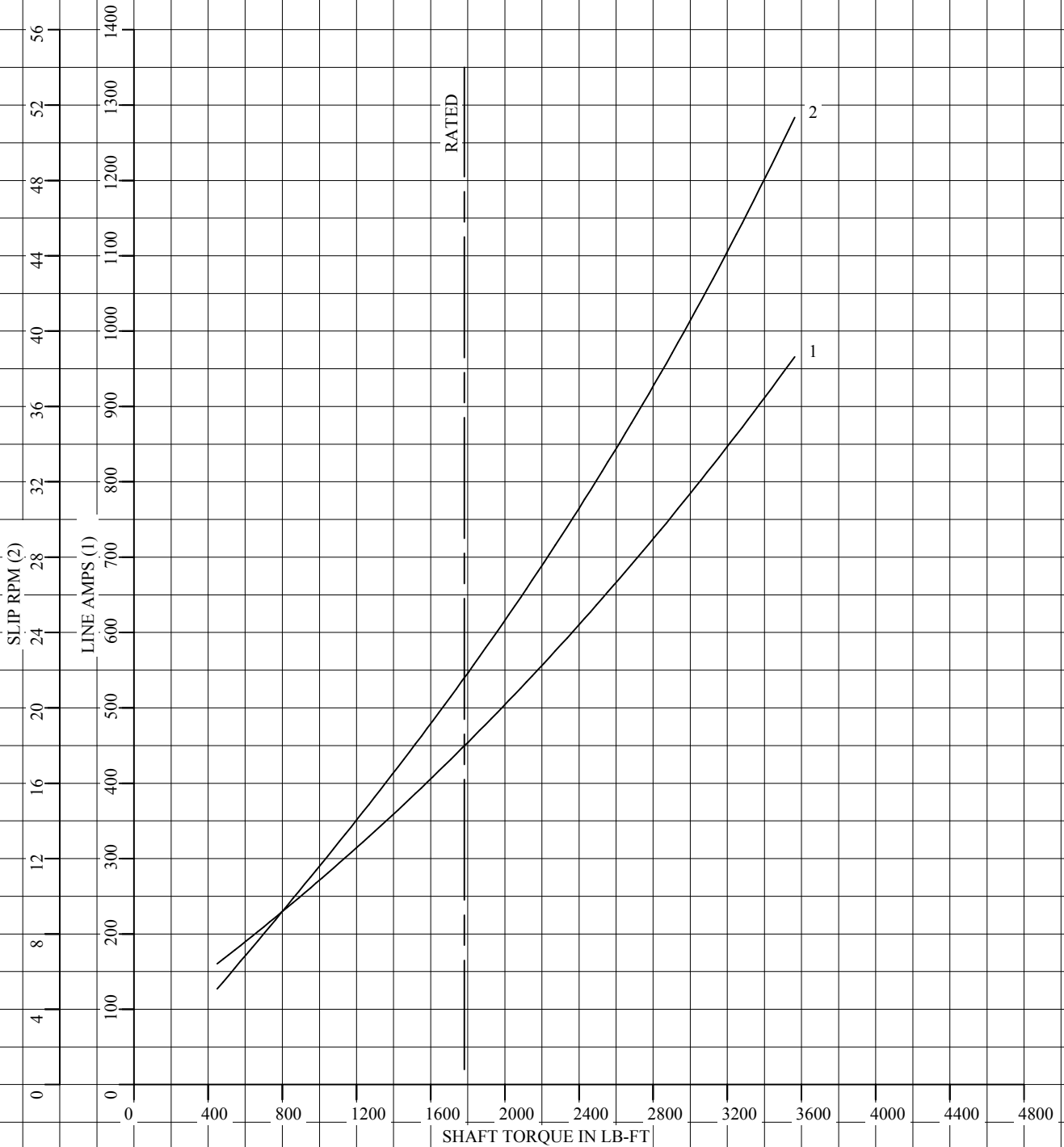
DR. BY J. MARTIN  
 CK. BY J. MARTIN  
 APP. BY T. EVON  
 DATE 7-23-03

**A-C MOTOR  
 PERFORMANCE  
 CURVES**

**L0630A**  
 SH 1 OF 2  
 ISSUE DATE 7-24-15

REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	RL4046	AMPS	452	MAX SAFE RPM	3750	(AT BASE RATING, 25 °C)	
HP	400	DUTY	CONT	IM (AMPS)	118	R1	.00969 X1 .0635
BASE SPEED	1180	S.F.	1.0	P.F. @NL/FL	.043/.902	R2	.00727 X2 .0670
PHASE/HERTZ	3/40	AMB °C/INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	85		XM 2.31

CORRELATED DATA  
LOAD PERFORMANCE (CONSTANT V/Hz RANGE)



REMARKS:  
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A-C MOTOR  
PERFORMANCE  
CURVES

L0630A  
SH 2 OF 2  
ISSUE DATE 7-24-15