

REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE			
FRAME	RL4046	AMPS	666.06	MAX SAFE RPM	3750	(AT BASE RATING, 25 °C)			
HP	600	DUTY	CONT	IM (AMPS)	177.51	R1	.00427	X1	.0423
BASE SPEED	1780	S.F.	1.0	P.F. @NL/FL	.039/.899	R2	.00323	X2	.0455
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	85			XM	1.53

### RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1779	600	1772	460	60	666
MAX SPEED	3000	600	1051	460	101.3	674
MIN SPEED	0	0	0	8.80	.7011	666

### LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	174
1/4	1795	152	445	460	60	241
1/2	1790	304	892	460	60	368
3/4	1784	455	1340	460	60	515
FULL LOAD	1779	600	1772	460	60	666
O/L	1766	894	2658	460	60	1004

REMARKS: CORRELATED DATA

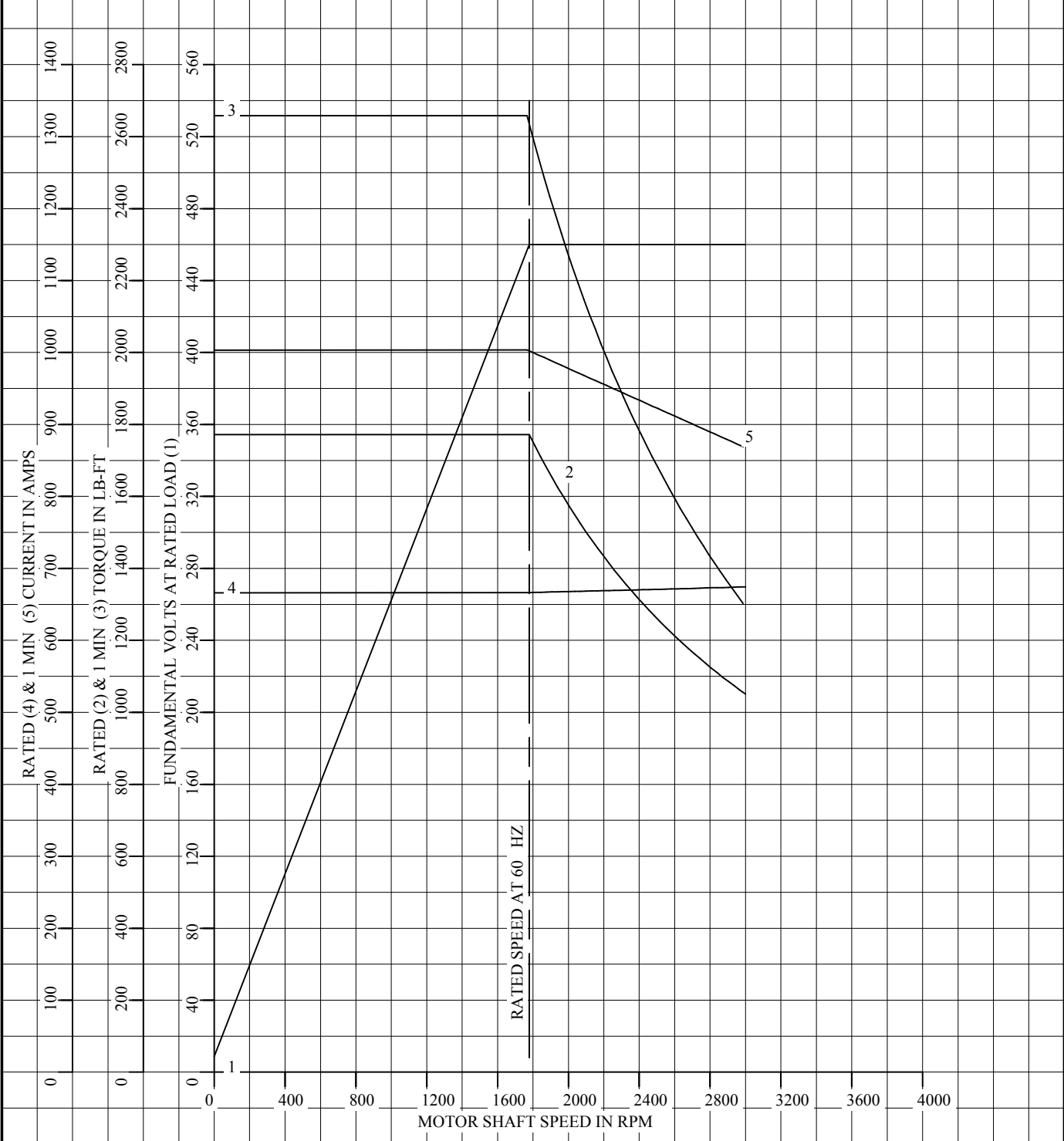


DR. BY M. MANEY  
 CK. BY M. MANEY  
 APP. BY T. EVON  
 DATE 6/26/97

**A-C MOTOR  
 PERFORMANCE DATA** L0972A  
 ISSUE DATE 8-26-15

REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	RL4046	AMPS	666.06	MAX SAFE RPM	3750	(AT BASE RATING, 25 °C)	
HP	600	DUTY	CONT	IM (AMPS)	177.51	R1	.00427 X1 .0423
BASE SPEED	1780	S.F.	1.0	P.F. @NL/FL	.039/.899	R2	.00323 X2 .0455
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	85		XM 1.53

CORRELATED DATA  
VARIABLE SPEED AC MOTOR CURVES



REMARKS:  
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



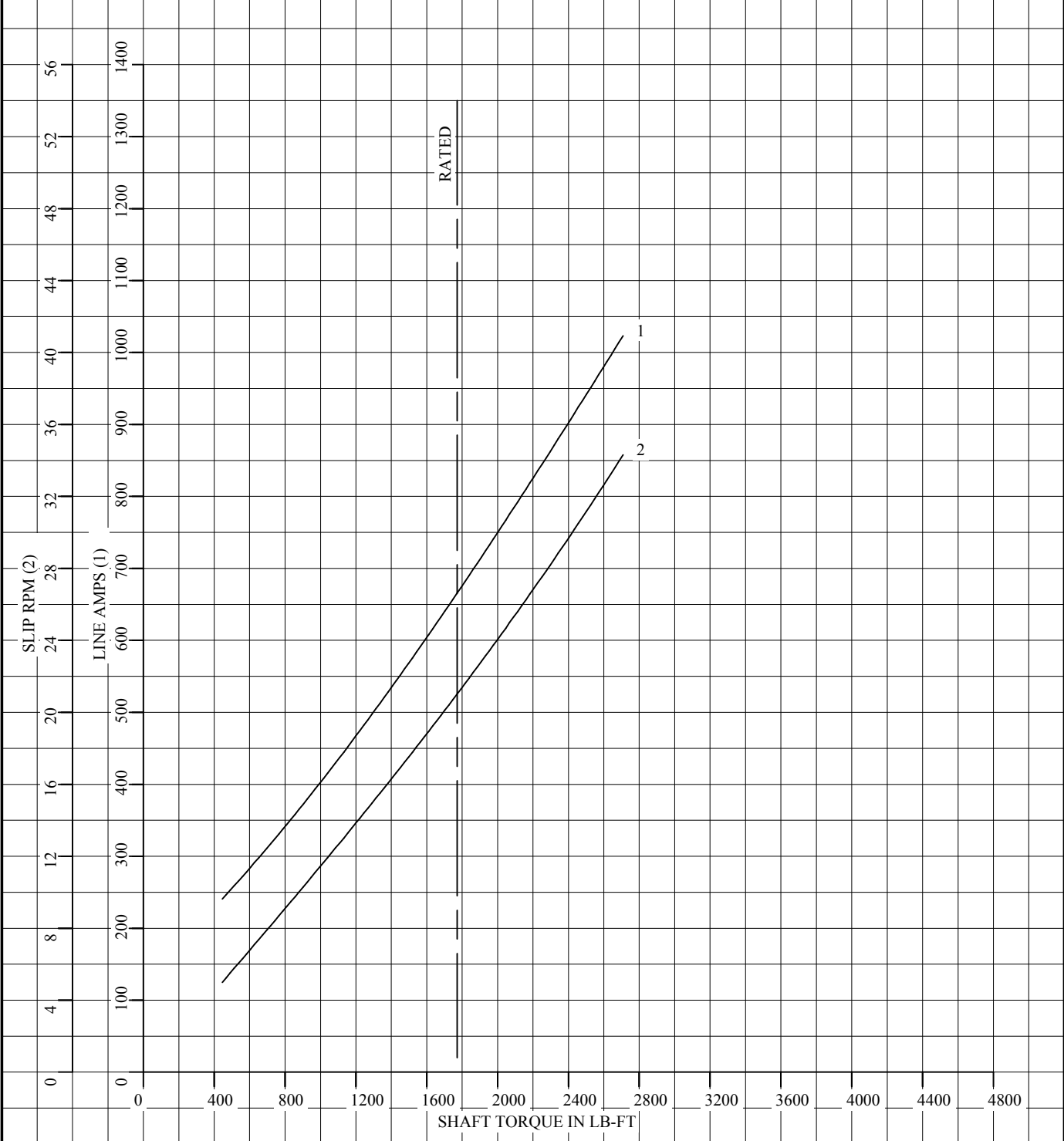
DR. BY M. MANEY  
CK. BY M. MANEY  
APP. BY T. EVON  
DATE 6/26/97

A-C MOTOR  
PERFORMANCE  
CURVES

L0972A  
SH 1 OF 2  
ISSUE DATE 8-26-15

REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	RL4046	AMPS	666.06	MAX SAFE RPM	3750	(AT BASE RATING, 25 °C)	
HP	600	DUTY	CONT	IM (AMPS)	177.51	R1	.00427 X1 .0423
BASE SPEED	1780	S.F.	1.0	P.F. @NL/FL	.039/.899	R2	.00323 X2 .0455
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	85		XM 1.53

CORRELATED DATA  
LOAD PERFORMANCE (CONSTANT V/Hz RANGE)



REMARKS:  
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



DR. BY M. MANEY  
CK. BY M. MANEY  
APP. BY T. EVON  
DATE 6/26/97

A-C MOTOR  
PERFORMANCE  
CURVES

L0972A  
SH 2 OF 2  
ISSUE DATE 8-26-15