

REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE			
FRAME	L4461	AMPS	1202	MAX SAFE RPM	2700	(AT BASE RATING, 25 °C)			
HP	1000	DUTY	CONT	IM (AMPS)	454	R1	.00138	X1	.0257
BASE SPEED	1785	S.F.	1.0	P.F. @NL/FL	.019/.819	R2	.00130	X2	.0360
PHASE/HERTZ	3/90	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	207			XM	.580

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1785	1000	2942	460	90	1208
MAX SPEED	2550	1000	2060	460	128.6	1186
MIN SPEED	0	0	2942	4.95	.7324	1208

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	90	445
1/4	1797	250	732	460	90	533
1/2	1793	501	1467	460	90	721
3/4	1789	750	2201	460	90	950
FULL LOAD	1785	1000	2942	460	90	1208
O/L	1776	1493	4413	460	90	1791

REMARKS :



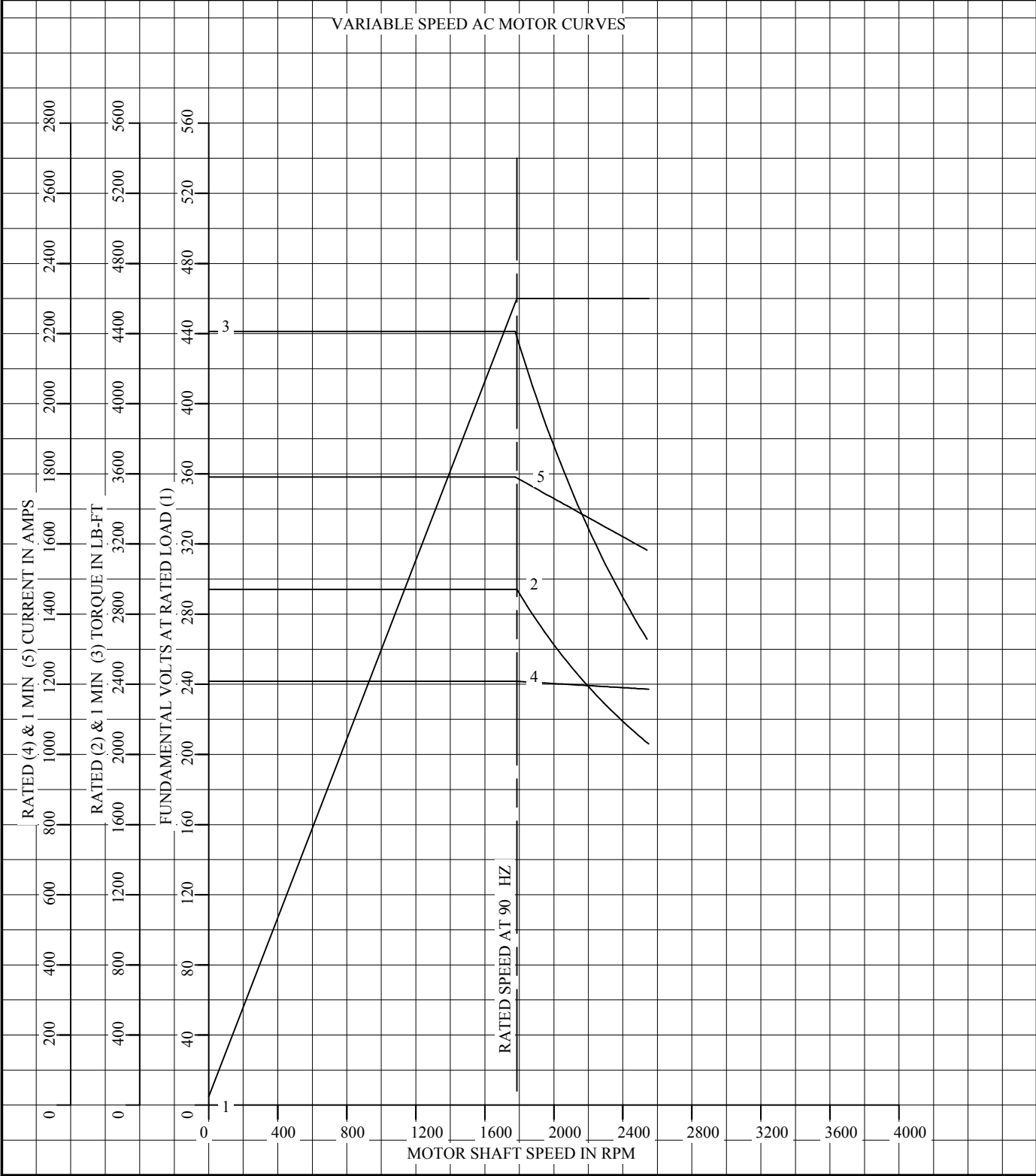
DR. BY M. MANEY
 CK. BY M. MANEY
 APP. BY T. EVON
 DATE 1-23-01

**A-C MOTOR
 PERFORMANCE DATA**

L2029A
 ISSUE DATE 1-23-01

REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	L4461	AMPS	1202	MAX SAFE RPM	2700	(AT BASE RATING, 25 °C)	
HP	1000	DUTY	CONT	IM (AMPS)	454	R1 .00138	X1 .0257
BASE SPEED	1785	S.F.	1.0	P.F. @NL/FL	.019/.819	R2 .00130	X2 .0360
PHASE/HERTZ	3/90	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	207		XM .580

VARIABLE SPEED AC MOTOR CURVES



REMARKS: DATA VALID FOR NAMEPLATE SPEED RANGE ONLY

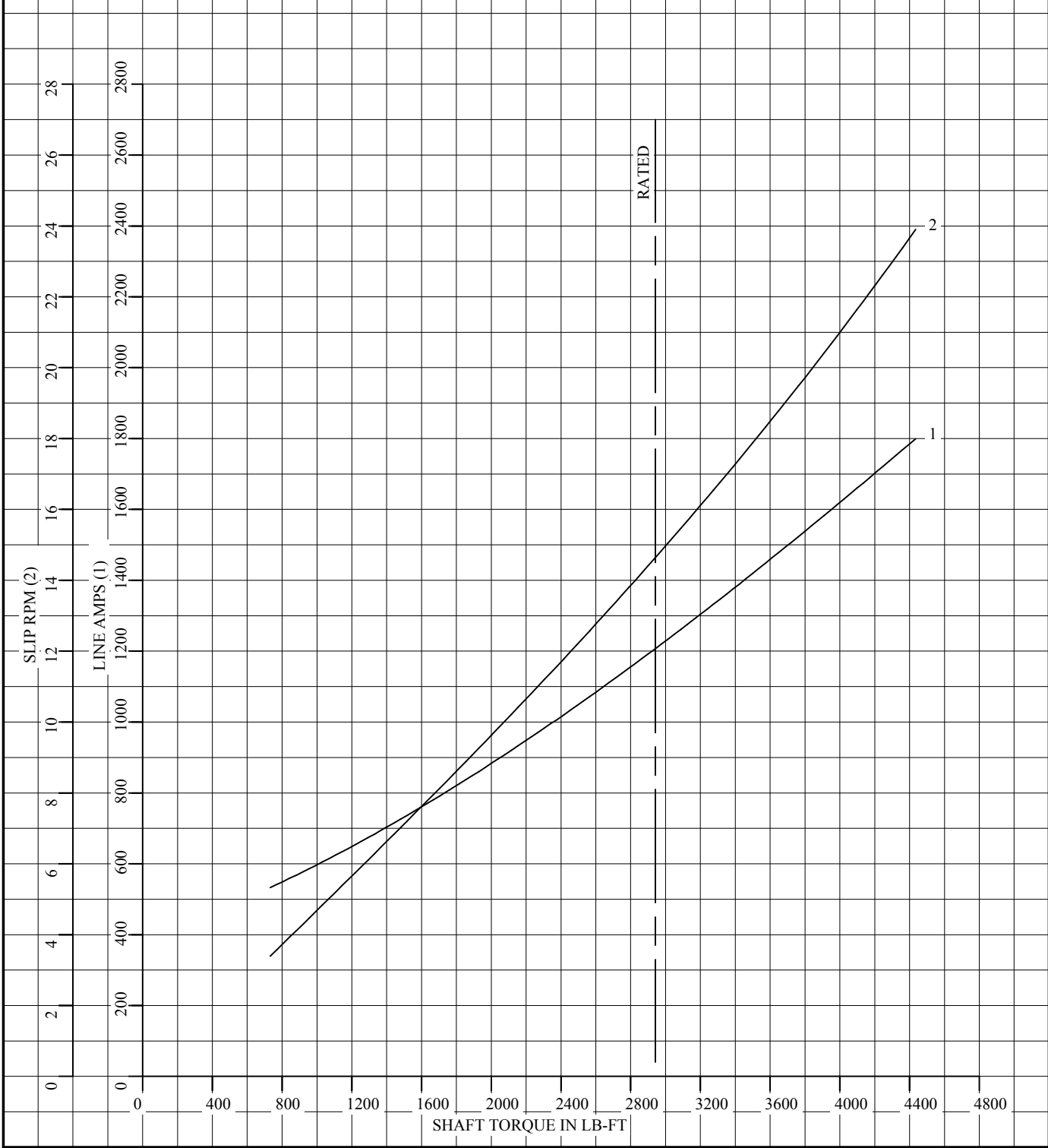


DR. BY M. MANEY
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A-C MOTOR PERFORMANCE CURVES L2029A
 SH 1 OF 2
 ISSUE DATE 1-23-01

REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	L4461	AMPS	1202	MAX SAFE RPM	2700	(AT BASE RATING, 25 °C)	
HP	1000	DUTY	CONT	IM (AMPS)	454	R1 .00138	X1 .0257
BASE SPEED	1785	S.F.	1.0	P.F. @NL/FL	.019/.819	R2 .00130	X2 .0360
PHASE/HERTZ	3/90	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	207		XM .580

LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



REMARKS: DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



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A-C MOTOR PERFORMANCE CURVES
L2029A
 SH 2 OF 2
 ISSUE DATE 1-23-01