

S/O	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT PER PHASE (AT BASE RATING, 25°C)	
FRAME	FL4461	AMPS	597	MAX SAFE SPEED	2700		
HP	500	DUTY	CONT	IM (AMPS)	199	R1 .00259	X1 .0407
BASE SPEED	1790	S.F.	1.0	P.F. @NL / FL	.034/.828	R2 .00198	X2 .0809
PHASE/HZ	3/90	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	212	XM 1.20	

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1789	500	1468	460	90	597
MAX SPEED	2900	501	906	460	146	602
MIN SPEED	0	0	1468	4.54	.541	597

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	90	199
1/4	1797	125	366	460	90	259
1/2	1795	250	732	460	90	350
3/4	1792	375	1099	460	90	466
FULL LOAD	1789	500	1468	460	90	597
0/L	1776	993	2936	460	90	1173

REMARKS:
CORRELATED DATA

BALDOR
A MEMBER OF THE ABB GROUP

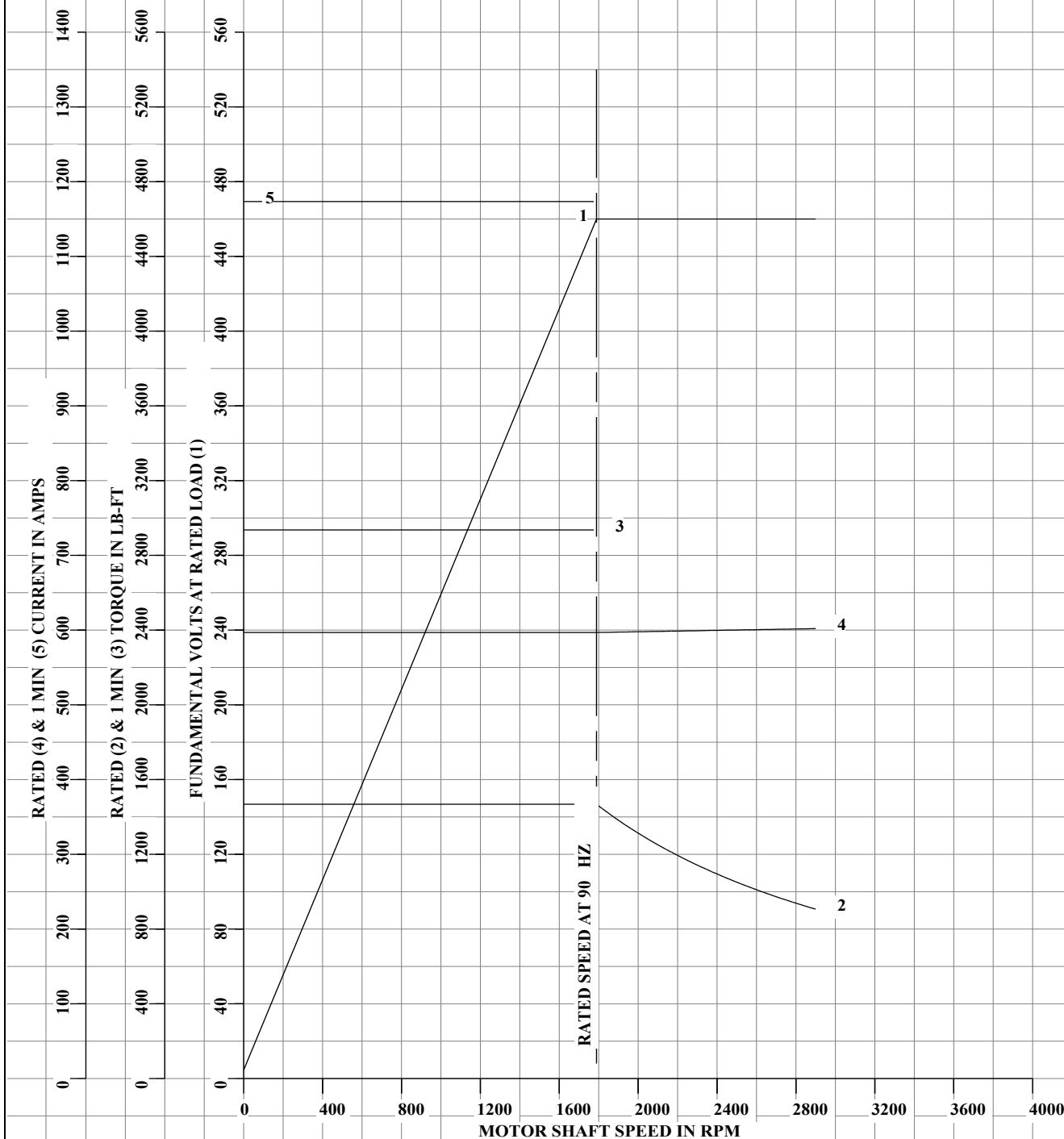
DRAWN BY: B. GRANT
CHECKED BY: B. GRANT
APPROVED BY: J. MARTIN
DATE: 12-5-17

AC MOTOR
PERFORMANCE
DATA

L7847A
ISSUE DATE 12-5-17

S/O	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT PER PHASE (AT BASE RATING, 25°C)	
FRAME	FL4461	AMPS	597	MAX SAFE SPEED	2700		
HP	500	DUTY	CONT	IM (AMPS)	199	R1 .00259	X1 .0407
BASE SPEED	1790	S.F.	1.0	P.F. @NL / FL	.034/.828	R2 .00198	X2 .0809
PHASE/HZ	3/90	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	212		XM 1.20

**CORRELATED DATA
VARIABLE SPEED AC MOTOR CURVES**

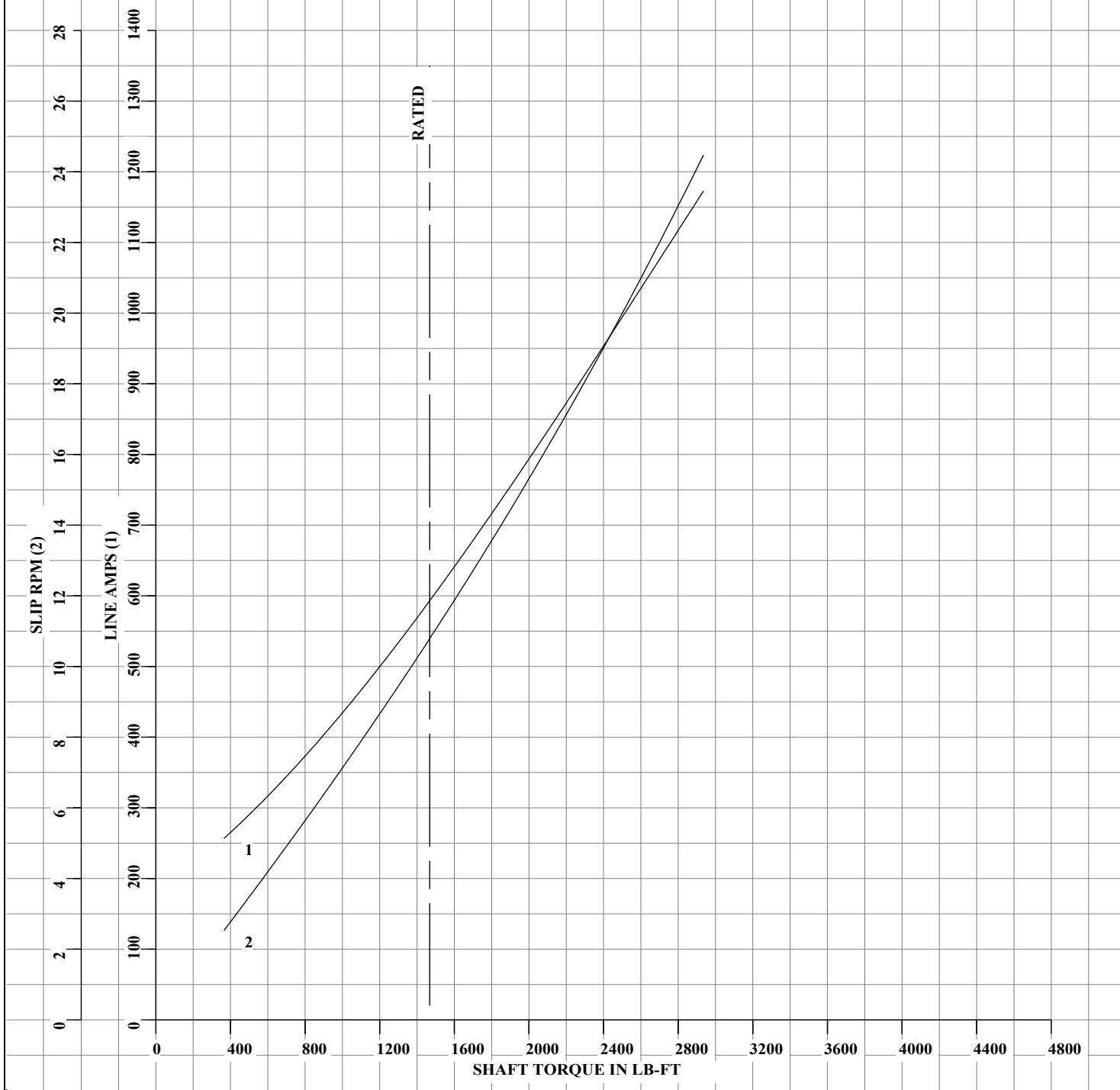


DATA VALID FOR NAMEPLATE SPEED RANGE ONLY

 A MEMBER OF THE ABB GROUP	DRAWN BY: <u>B. GRANT</u> CHECKED BY: <u>B. GRANT</u> APPROVED BY: <u>J. MARTIN</u> DATE: <u>12-5-17</u>	AC MOTOR PERFORMANCE DATA	L7847A ISSUE DATE: 12-5-17
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S/O	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT PER PHASE (AT BASE RATING, 25°C)	
FRAME	FL4461	AMPS	597	MAX SAFE SPEED	2700		
HP	500	DUTY	CONT	IM (AMPS)	199	R1 .00259	X1 .0407
BASE SPEED	1790	S.F.	1.0	P.F. @NL / FL	.034/.828	R2 .00198	X2 .0809
PHASE/HZ	3/90	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	212		XM 1.20

CORRELATED DATA
LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



DATA VALID FOR NAMEPLATE SPEED RANGE ONLY

 A MEMBER OF THE ABB GROUP	DRAWN BY: <u>B. GRANT</u> CHECKED BY: <u>B. GRANT</u> APPROVED BY: <u>J. MARTIN</u> DATE: <u>12-5-17</u>	AC MOTOR PERFORMANCE DATA	L7847A ISSUE DATE: 12-5-17
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