

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT PER PHASE (AT BASE RATING, 25°C)	
FRAME	RL2586	AMPS	148	MAX SAFE SPEED	5000		
HP	125	DUTY	CONT	IM (AMPS)	40	R1 .0450	X1 .231
BASE SPEED	1750	S.F.	1.0	P.F. @NL / FL	.058/.883	R2 .0360	X2 .228
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	4.9		XM 6.60


**RATED FULL LOAD DATA**

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1750	125	375	460	60	147
MAX SPEED	2329	125	282	460	80	147
MIN SPEED	0	0	375	20.2	1.68	147

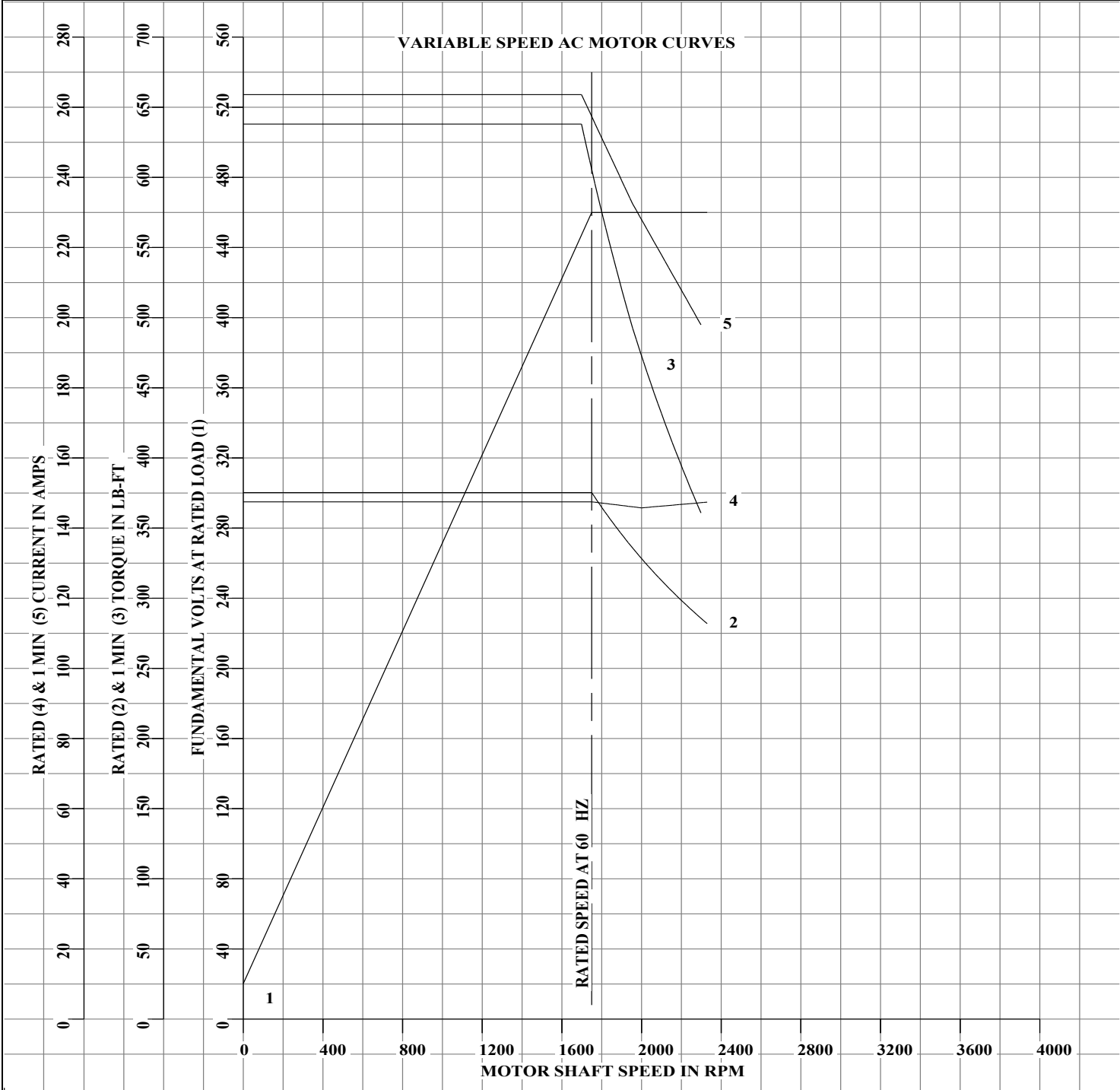
**LOAD PERFORMANCE AT BASE SPEED**

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	40.5
1/4	1789	31.3	92	460	60	54.2
1/2	1777	62.6	185	460	60	80.1
3/4	1764	93.7	279	460	60	112
FULL LOAD	1750	125	375	460	60	147
0/L	1698	206	638	460	60	264


REMARKS:  
TYPICAL DATA  
CORRELATED DATA

 <b>A MEMBER OF THE ABB GROUP</b>	DRAWN BY: <u>M. ORDERS</u> CHECKED BY: <u>B. GRANT</u> APPROVED BY: <u>T. EVON</u> DATE: <u>2-10-04</u>	AC MOTOR PERFORMANCE DATA	<b>L1824A</b>  ISSUE DATE 7/28/17
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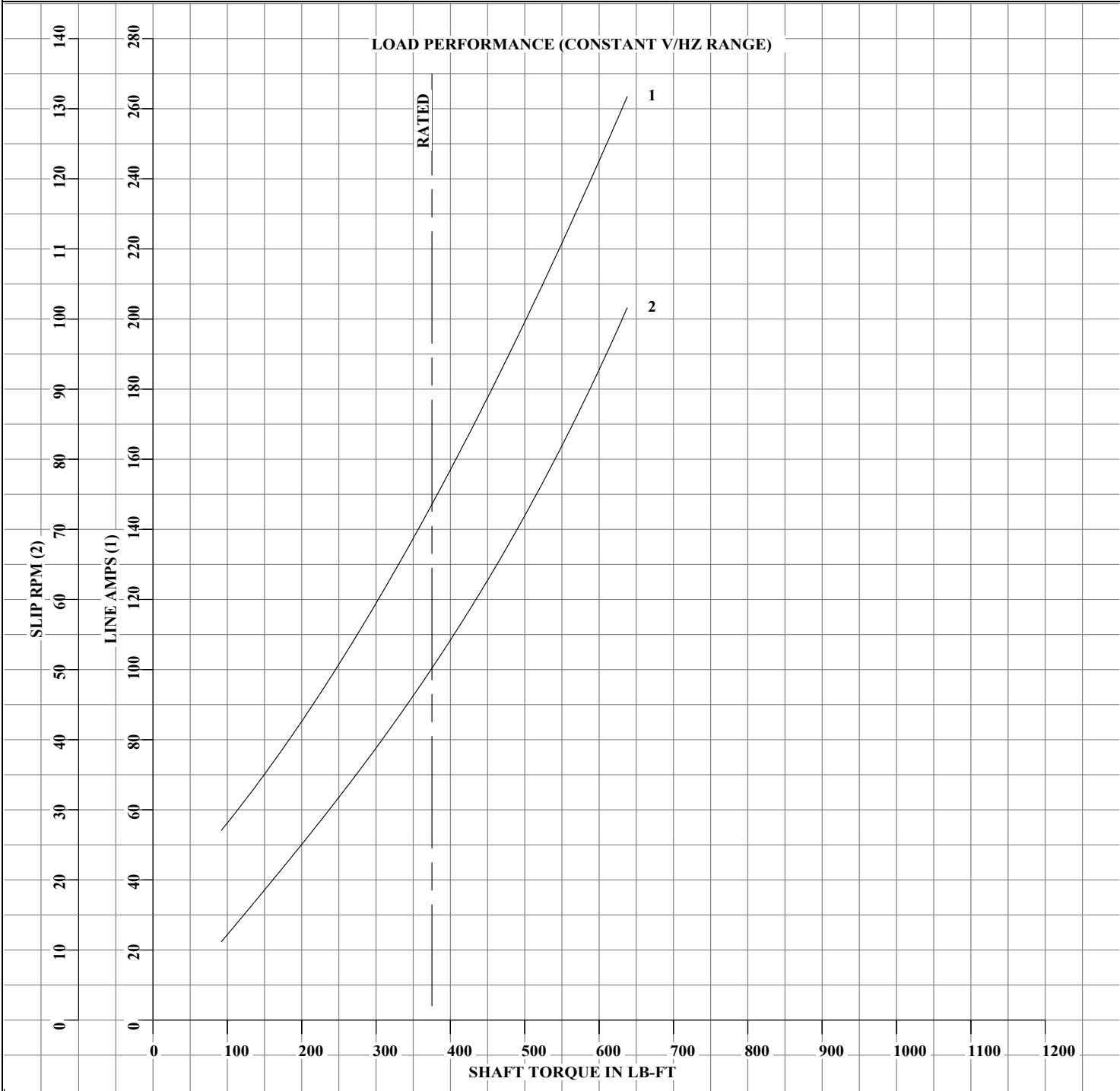
S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT PER PHASE (AT BASE RATING, 25°C)	
FRAME	RL2586	AMPS	148	MAX SAFE SPEED	5000		
HP	125	DUTY	CONT	IM (AMPS)	40	R1 .0450	X1 .231
BASE SPEED	1750	S.F.	1.0	P.F. @NL / FL	.058/.883	R2 .0360	X2 .228
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	4.9		XM 6.60




**TYPICAL DATA**  
**CORRELATED DATA DATA VALID FOR NAMEPLATE SPEED RANGE ONLY**

 <b>A MEMBER OF THE ABB GROUP</b>	DRAWN BY: <u>M. ORDERS</u> CHECKED BY: <u>B. GRANT</u> APPROVED BY: <u>T. EVON</u> DATE: <u>2-10-04</u>	<b>AC MOTOR          PERFORMANCE          DATA</b>	<b>L1824A</b>  ISSUE DATE 7/28/17
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S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT PER PHASE	
FRAME	RL2586	AMPS	148	MAX SAFE SPEED	5000	(AT BASE RATING, 25°C)	
HP	125	DUTY	CONT	IM (AMPS)	40	R1	.0450 X1 .231
BASE SPEED	1750	S.F.	1.0	P.F. @NL / FL	.058/.883	R2	.0360 X2 .228
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	4.9		XM 6.60



**TYPICAL DATA**  
**CORRELATED DATA DATA VALID FOR NAMEPLATE SPEED RANGE ONLY**

 <b>A MEMBER OF THE ABB GROUP</b>	DRAWN BY: <u>M. ORDERS</u> CHECKED BY: <u>B. GRANT</u> APPROVED BY: <u>T. EVON</u> DATE: <u>2-10-04</u>	<b>AC MOTOR          PERFORMANCE          DATA</b>	<b>L1824A</b>  ISSUE DATE <u>7/28/17</u>
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