

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT PER PHASE (AT BASE RATING, 25°C)	
FRAME	RL2162	AMPS	49.26	MAX SAFE SPEED	5000		
HP	40	DUTY	CONT	IM (AMPS)	15.52	R1 .177	X1 .748
BASE SPEED	1750	S.F.	1.0	P.F. @NL / FL	.089/.872	R2 .113	X2 .717
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	1.99	XM 17.6	

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1747	40.0	120	460	60	49.6
MAX SPEED	2007	40.0	105	460	69	48.9
MIN SPEED	0	0	120	26.7	1.78	49.6

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	15.3
1/4	1788	10.0	29	460	60	19.4
1/2	1776	20.0	59	460	60	27.6
3/4	1762	30.0	89	460	60	37.7
FULL LOAD	1747	40.0	120	460	60	49.6
0/L	1707	58.6	180	460	60	76.8

REMARKS:
TYPICAL DATA
CORRELATED DATA



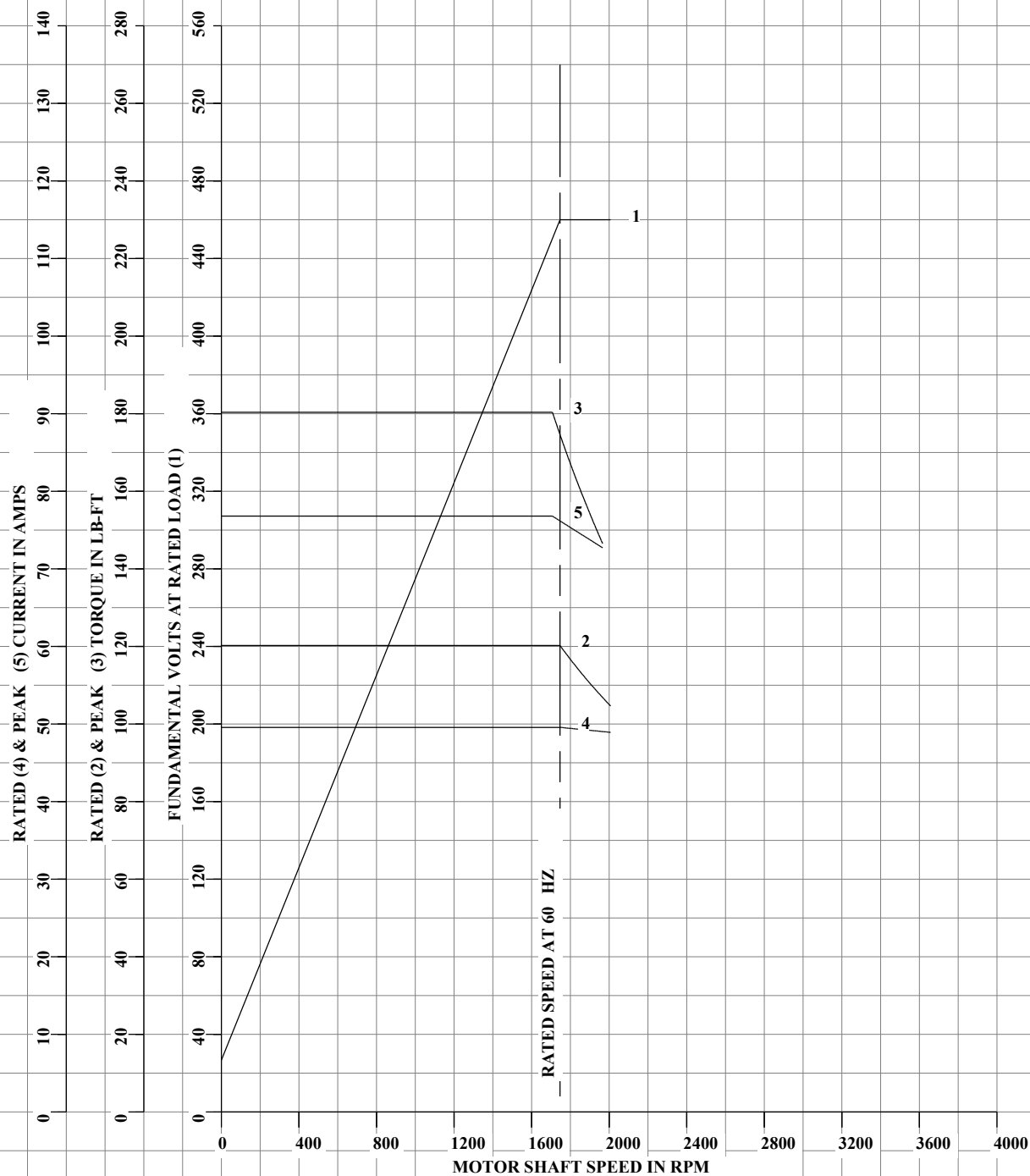
DRAWN BY: B. GRANT
CHECKED BY: B. GRANT
APPROVED BY: T. EVON
DATE: 3-7-05

AC MOTOR
PERFORMANCE
DATA

L0231A
ISSUE DATE 3-7-05

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT PER PHASE	
FRAME	RL2162	AMPS	49.26	MAX SAFE SPEED	5000	(AT BASE RATING, 25°C)	
HP	40	DUTY	CONT	IM (AMPS)	15.52	R1 .177	X1 .748
BASE SPEED	1750	S.F.	1.0	P.F. @NL / FL	.089/.872	R2 .113	X2 .717
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	1.99	XM 17.6	

**CORRELATED DATA
VARIABLE SPEED AC MOTOR CURVES**



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



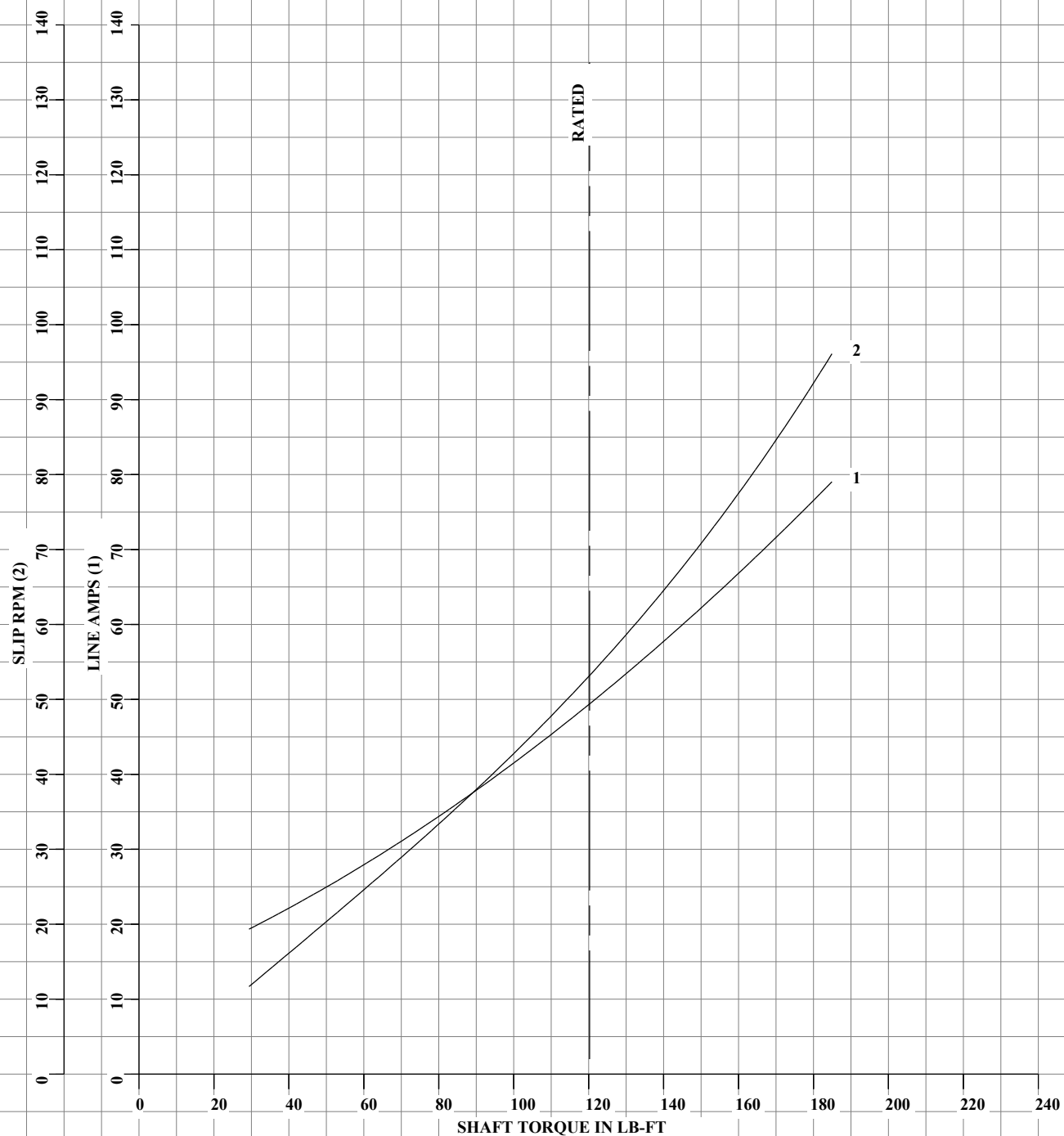
DRAWN BY: B. GRANT
 CHECKED BY: B. GRANT
 APPROVED BY: T. EVON
 DATE: 3-7-05

**AC MOTOR
PERFORMANCE
DATA**

L0231A
 ISSUE DATE: 3-7-05

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT PER PHASE	
FRAME	RL2162	AMPS	49.26	MAX SAFE SPEED	5000	(AT BASE RATING, 25°C)	
HP	40	DUTY	CONT	IM (AMPS)	15.52	R1 .177	X1 .748
BASE SPEED	1750	S.F.	1.0	P.F. @NL / FL	.089/.872	R2 .113	X2 .717
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK² (Lb-Ft²)	1.99	XM	17.6

CORRELATED DATA
LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



DRAWN BY: B. GRANT
 CHECKED BY: B. GRANT
 APPROVED BY: T. EVON
 DATE: 3-7-05

**AC MOTOR
 PERFORMANCE
 DATA**

L0231A
 ISSUE DATE: 3-7-05