

REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE			
FRAME	RL2898	AMPS	151	MAX SAFE RPM	5000	(AT BASE RATING, 25 °C)			
HP	125	DUTY	CONT	IM (AMPS)	48	R1	.0460	X1	.223
BASE SPEED	1165	S.F.	1.0	P.F.@NL/FL	.055/.870	R2	.0346	X2	.239
PHASE/HERTZ	3/40	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	11.1			XM	5.66

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1167	125	562	460	40	151
MAX SPEED	1969	125	333	460	67.8	157
MIN SPEED	0	0	0	21.4	1.10	151

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1200	0	0	460	40	47.0
1/4	1193	31.3	138	460	40	59.2
1/2	1185	62.6	278	460	40	84.3
3/4	1177	93.7	418	460	40	115
FULL LOAD	1167	125	562	460	40	151
O/L	1144	184	844	460	40	233

REMARKS: TYPICAL DATA

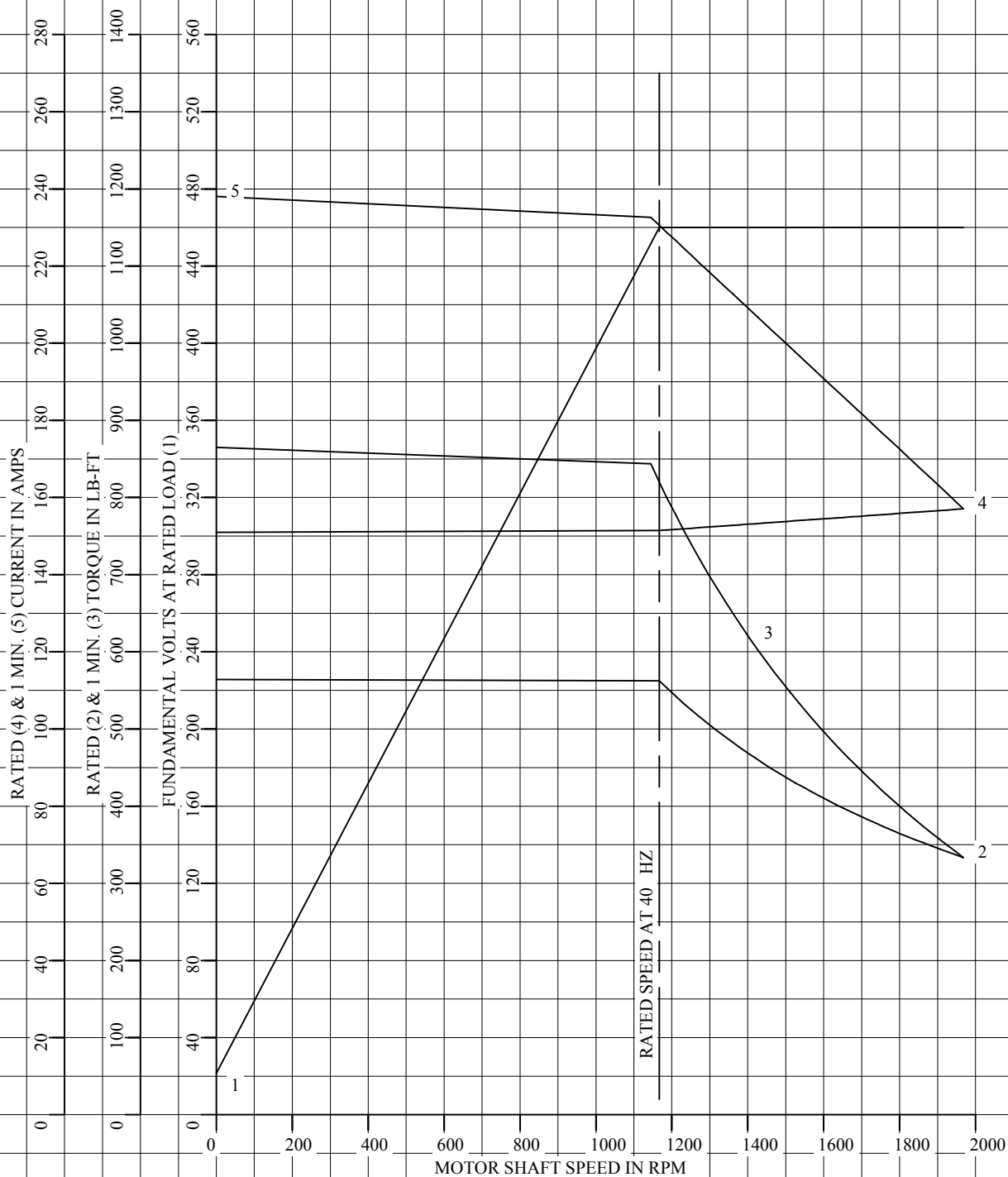


DR. BY M. ORDERS
 CK. BY B. GRANT
 APP. BY T. EVON
 DATE 11-8-99

**A-C MOTOR
 PERFORMANCE DATA** **L1591A**
 ISSUE DATE **11-8-99**

REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	RL2898	AMPS	151	MAX SAFE RPM	5000	(AT BASE RATING, 25 °C)	
HP	125	DUTY	CONT	IM (AMPS)	48	R1 .0460	X1 .223
BASE SPEED	1165	S.F.	1.0	P.F. @NL/FL	.055/.870	R2 .0346	X2 .239
PHASE/HERTZ	3/40	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	11.1	XM 5.66	

VARIABLE SPEED AC MOTOR CURVES



REMARKS: TYPICAL DATA
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY

BALDOR
A MEMBER OF THE ABB GROUP

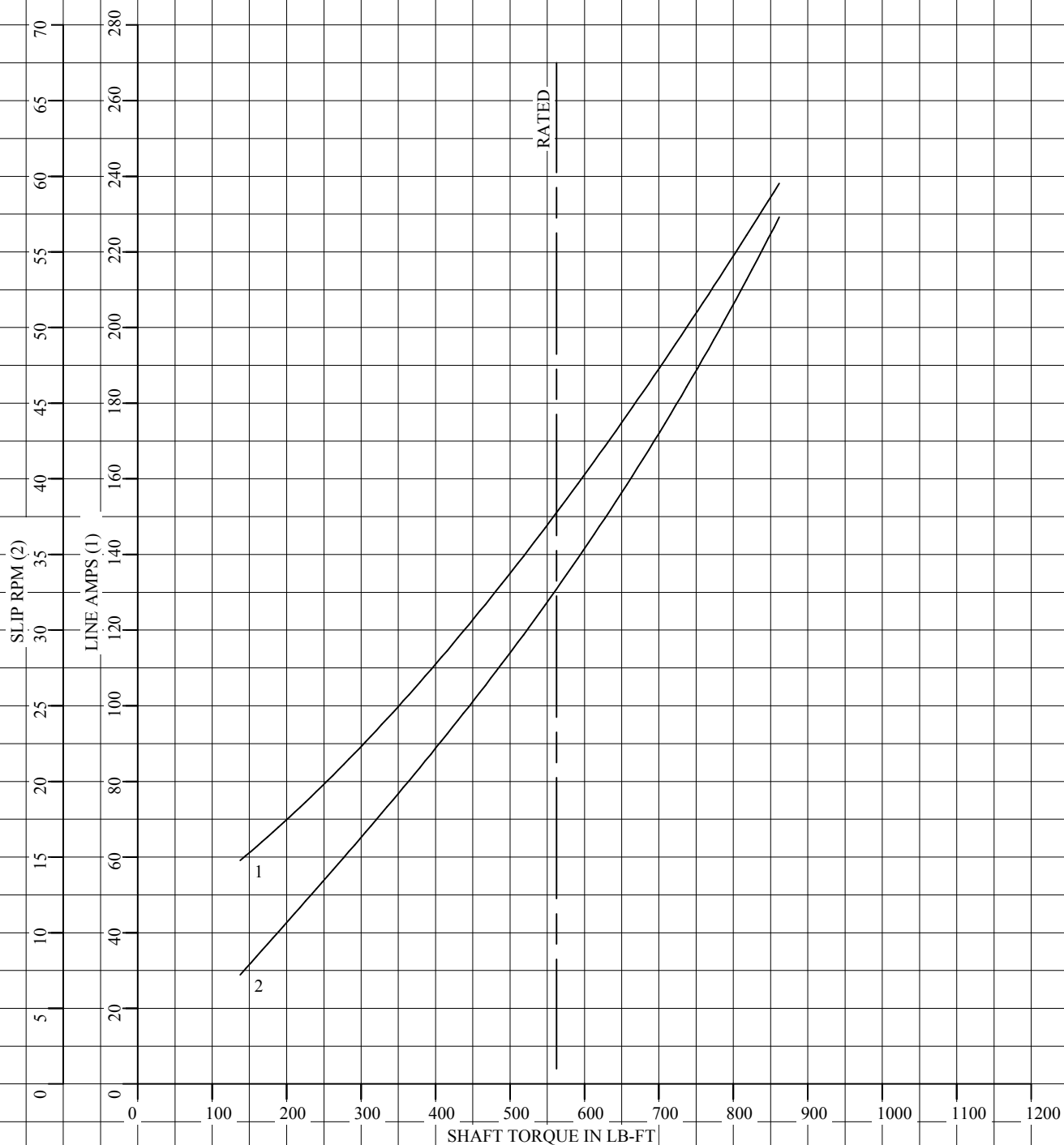
DR. BY	M. ORDERS
CK. BY	B. GRANT
APP. BY	T. EVON
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**A-C MOTOR
PERFORMANCE
CURVES**

L1591A
SH 1 OF 2
ISSUE DATE 11-8-99

REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	RL2898	AMPS	151	MAX SAFE RPM	5000	(AT BASE RATING, 25 °C)	
HP	125	DUTY	CONT	IM (AMPS)	48	R1 .0460	X1 .223
BASE SPEED	1165	S.F.	1.0	P.F. @NL/FL	.055/.870	R2 .0346	X2 .239
PHASE/HERTZ	3/40	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	11.1	XM 5.66	

LOAD PERFORMANCE (CONSTANT V/Hz RANGE)



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CK. BY B. GRANT
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**A-C MOTOR
PERFORMANCE
CURVES**

L1591A
SH 2 OF 2
ISSUE DATE 11-8-99