

S/O	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)		
FRAME	FL5824	AMPS	718	MAX SAFE SPEED	2100			
HP	600	DUTY	CONT	IM (AMPS)	302	R1	.00119	X1 .0342
BASE SPEED	1795	S.F.	1.0	P.F. @NL / FL	.024/.824	R2	.00089	X2 .0377
PHASE/HZ	3/90	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	582			XM .845

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1795	601	1757	460	90	718
MAX SPEED	2000	600	1576	460	100.3	704
MIN SPEED	0	0	1757	2.41	.2609	718

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	90	302
1/4	1799	150	438	460	90	350
1/2	1797	300	877	460	90	449
3/4	1796	450	1315	460	90	575
FULL LOAD	1795	601	1757	460	90	718
0/L	1789	1198	3515	460	90	1359

REMARKS:
TYPICAL DATA



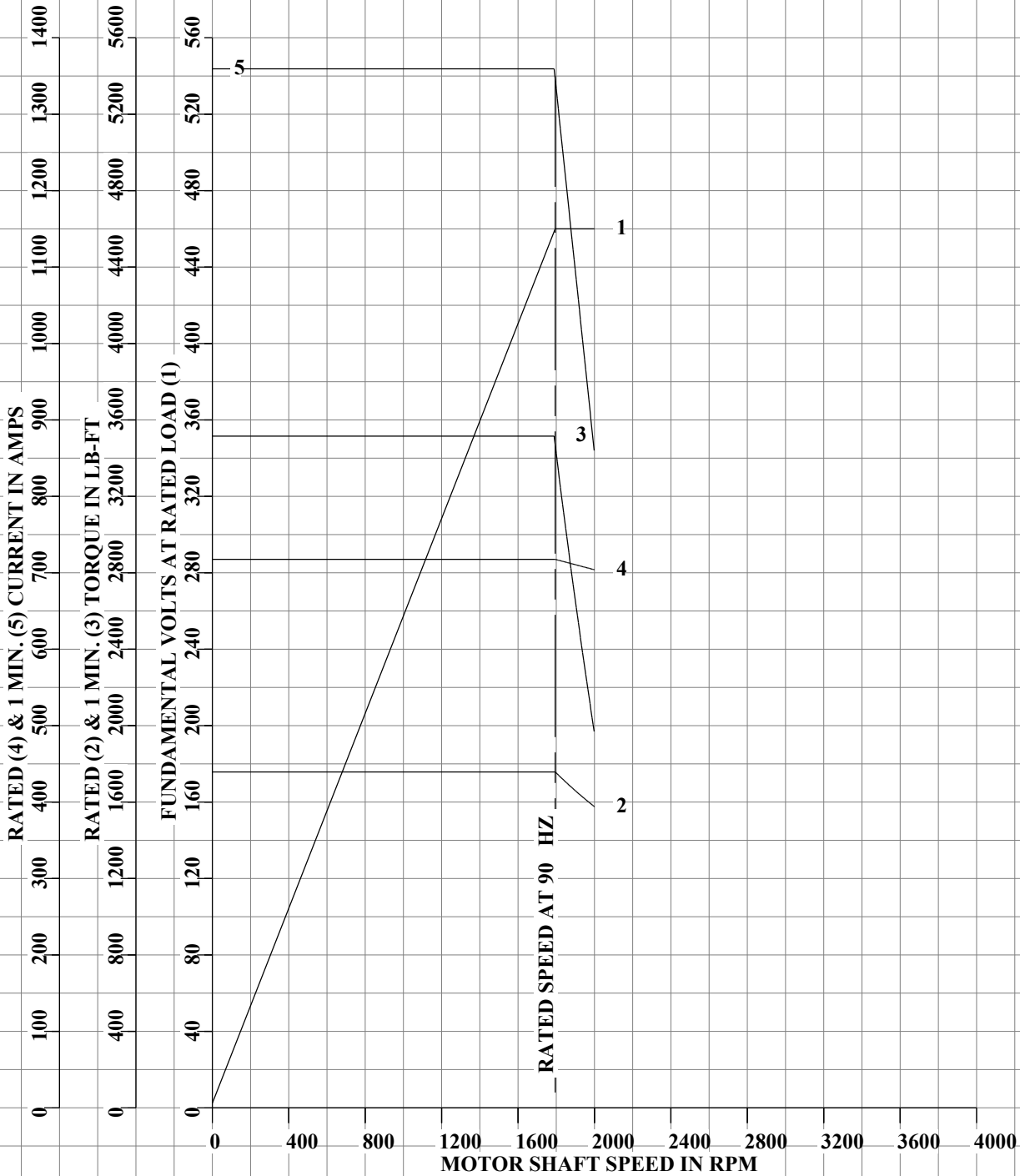
DRAWN BY: C. ETIENNE
 CHECKED BY: B. GRANT
 APPROVED BY: J. MARTIN
 DATE: 11-30-2020

AC MOTOR
PERFORMANCE
DATA

L8728A
ISSUE DATE 11/30/20

S/O	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C)			
FRAME	FL5824	AMPS	718	MAX SAFE SPEED	2100				
HP	600	DUTY	CONT	IM (AMPS)	302	R1	.00119	X1	.0342
BASE SPEED	1795	S.F.	1.0	P.F. @NL / FL	.024/.824	R2	.00089	X2	.0377
PHASE/HZ	3/90	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	582			XM	.845

VARIABLE SPEED AC MOTOR CURVES



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



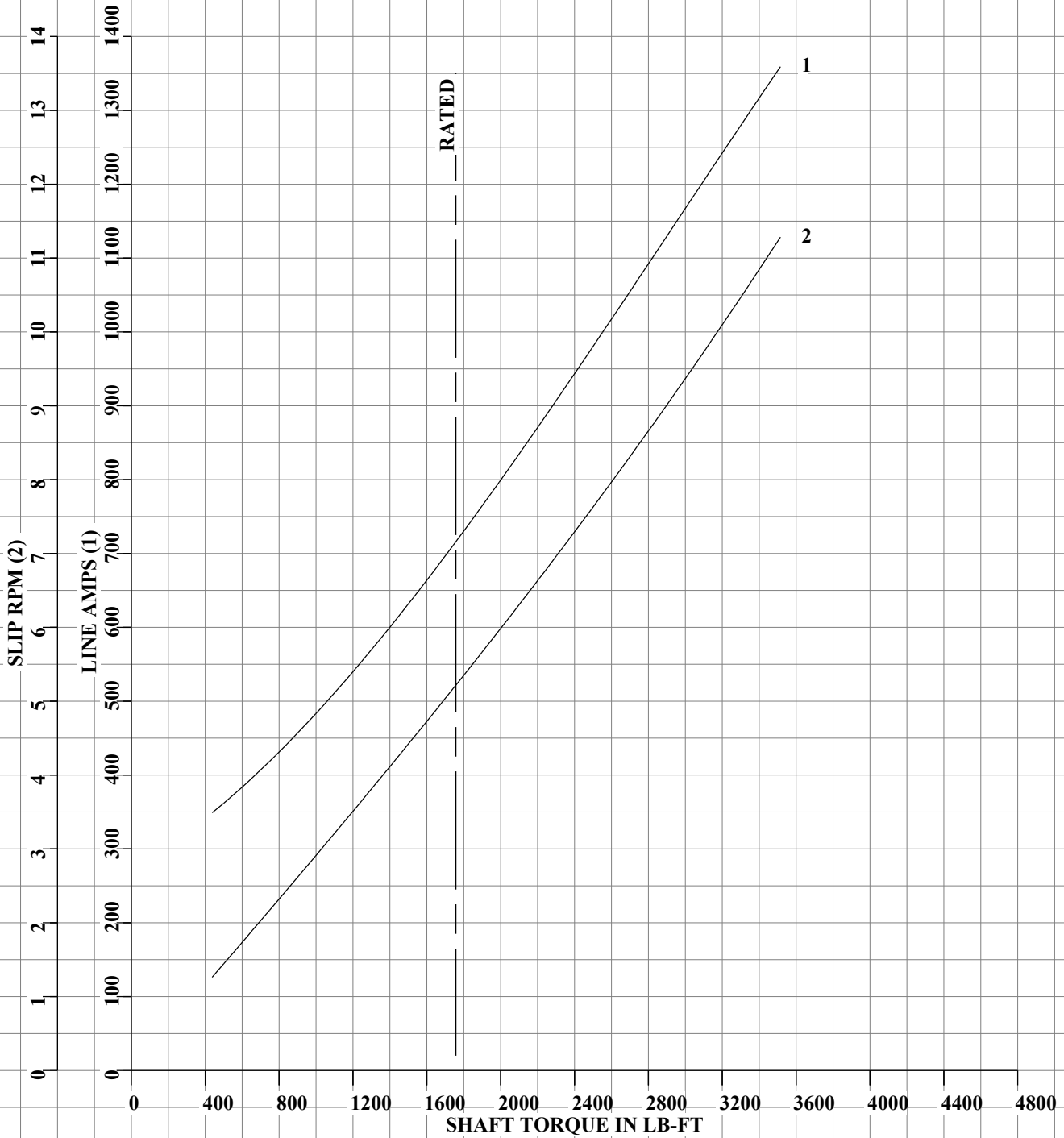
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S/O	-	VOLTS	460	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE		
FRAME	FL5824	AMPS	718	MAX SAFE SPEED	2100	(AT BASE RATING, 25°C)		
HP	600	DUTY	CONT	IM (AMPS)	302	R1	.00119	X1 .0342
BASE SPEED	1795	S.F.	1.0	P.F. @NL / FL	.024/.824	R2	.00089	X2 .0377
PHASE/HZ	3/90	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	582			XM .845

LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



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