

REL S.O.	-	VOLTS	460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE		
FRAME	FL2570	AMPS	39	MAX SAFE RPM	5000	(AT BASE RATING, 25 °C)		
HP	30	DUTY	CONT	IM (AMPS)	20	R1	.106	X1 .513
BASE SPEED	1780	S.F.	1.0	P.F.@NL/FL	.054/.796	R2	.0656	X2 .782
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	3.5			XM 13.4

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1780	30.0	89	460	60	38.7
MAX SPEED	3555	30.0	44	460	120	35.7
MIN SPEED	0	0	89	11.7	.682	38.7

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	19.3
1/4	1795	7.51	22	460	60	21.5
1/2	1790	15.0	44	460	60	25.8
3/4	1785	22.5	66	460	60	31.8
FULL LOAD	1780	30.0	89	460	60	38.7
O/L	1756	59.2	177	460	60	70.3

**BLOWER
DATA**

VOLTS	PH/HZ	FL AMPS	LR AMPS	FRAME	CFM

REMARKS: TYPICAL DATA
CORRELATED DATA

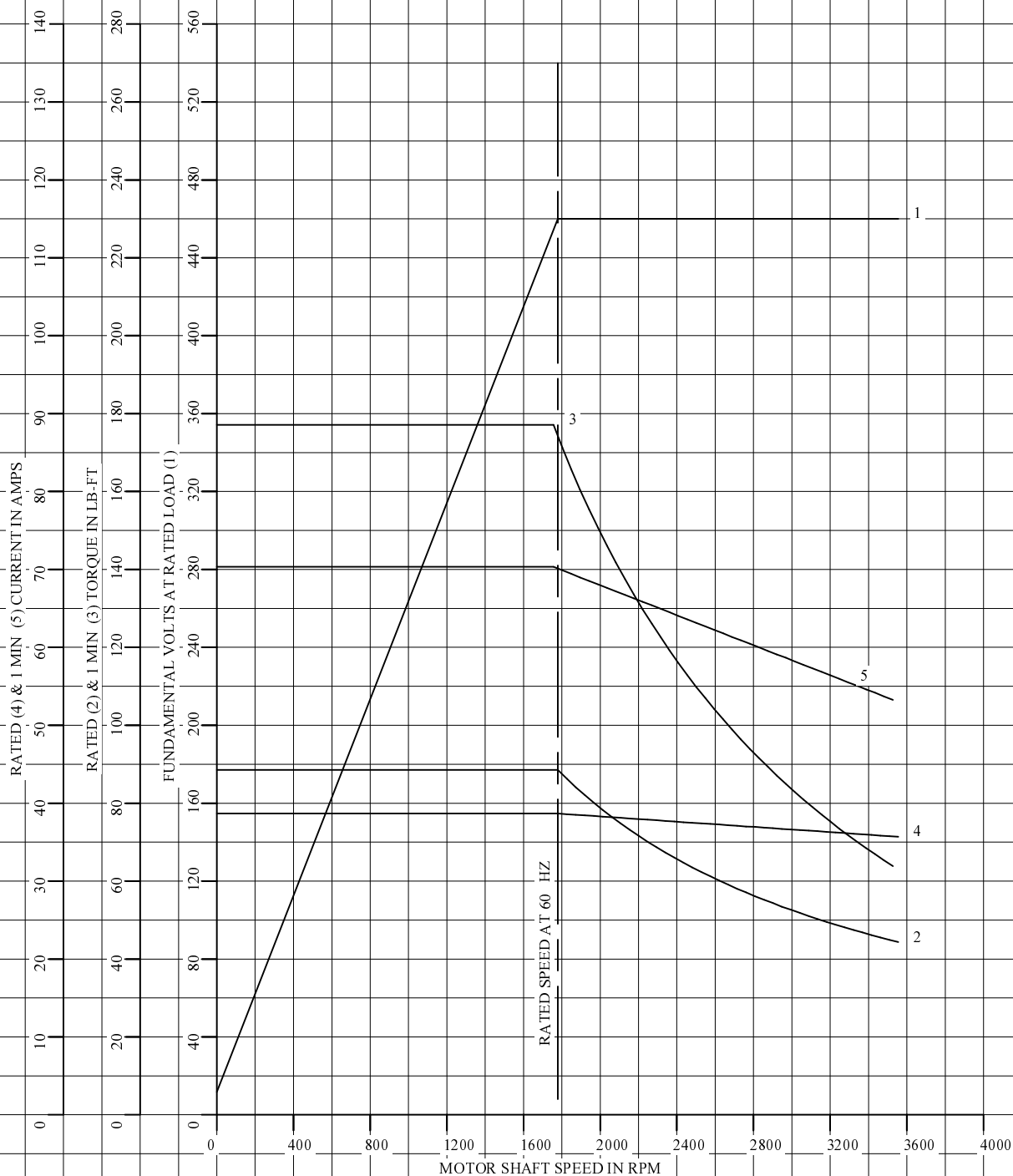


DR. BY B. GRANT
 CK. BY B. GRANT
 APP. BY T. CUFR
 DATE 8-11-06

**A-C MOTOR
 PERFORMANCE L3379A
 DATA** ISSUE DATE 2-12-07

REL S.O.	-	VOLTS	460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	FL2570	AMPS	39	MAX SAFE RPM	5000	(AT BASE RATING, 25 °C)	
HP	30	DUTY	CONT	IM (AMPS)	20	R1 .106	X1 .513
BASE SPEED	1780	S.F.	1.0	P.F.@NL/FL	.054/.796	R2 .0656	X2 .782
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	3.5	XM 13.4	

CORRELATED DATA
VARIABLE SPEED AC MOTOR CURVES



REMARKS: TYPICAL DATA
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



DR. BY B. GRANT
CK. BY B. GRANT
APP. BY T. CUFR
DATE 8-11-06

A-C MOTOR
PERFORMANCE
CURVES

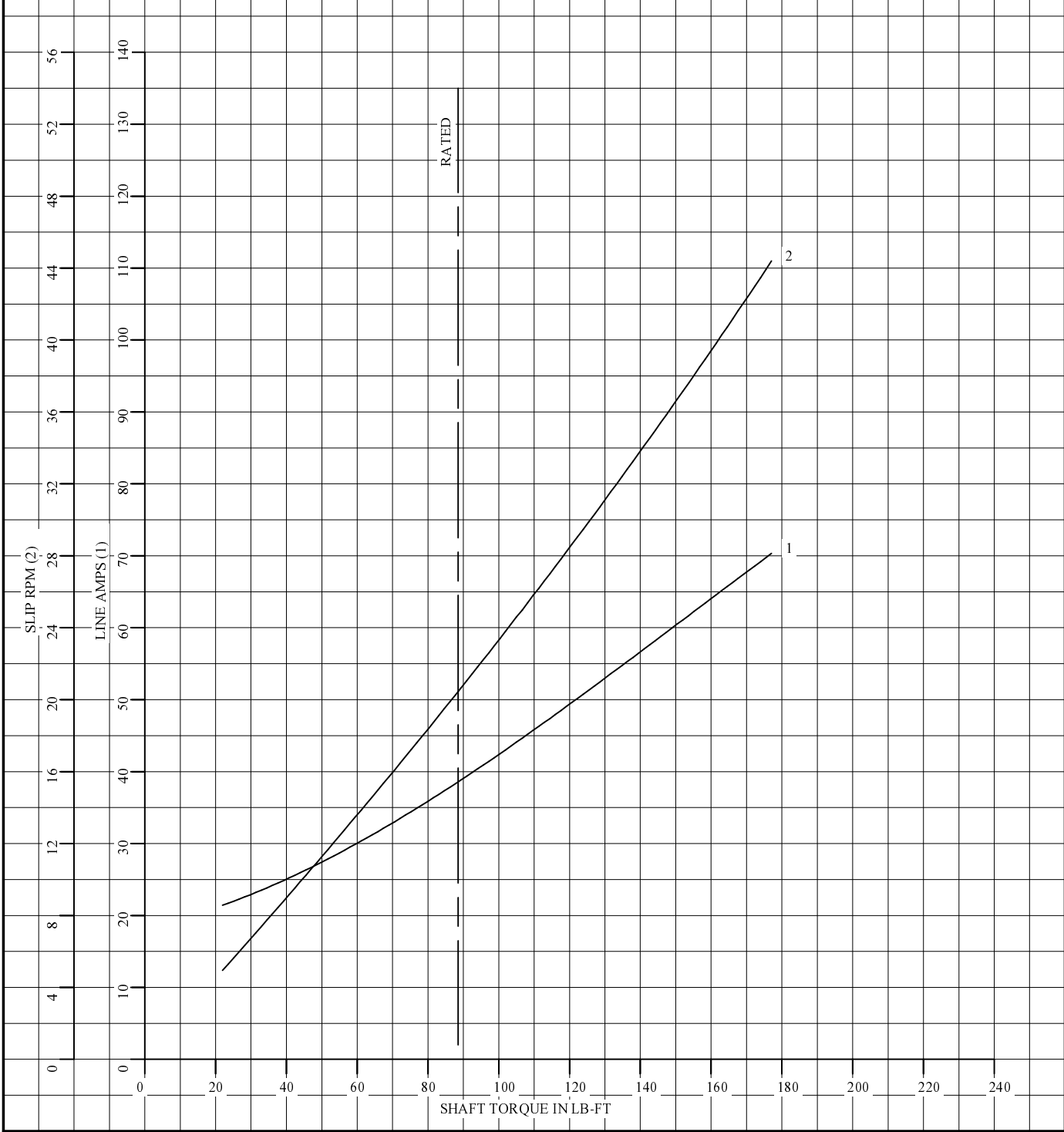
L3379A

SH 1 OF 2

ISSUE DATE 2-12-07

REL S.O.	-	VOLTS	460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	FL2570	AMPS	39	MAX SAFE RPM	5000	(AT BASE RATING, 25 °C)	
HP	30	DUTY	CONT	IM (AMPS)	20	R1	.106 X1 .513
BASE SPEED	1780	S.F.	1.0	P.F.@NL/FL	.054/.796	R2	.0656 X2 .782
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	3.5	XM 13.4	

CORRELATED DATA
LOAD PERFORMANCE (CONSTANT V/Hz RANGE)



REMARKS: TYPICAL DATA
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



DR. BY B. GRANT
CK. BY B. GRANT
APP. BY T. CUFR
DATE 8-11-06

**A-C MOTOR
PERFORMANCE
CURVES**

L3379A
SH 2 OF 2
ISSUE DATE 2-12-07