

REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE	CONN	EQ	CKT	OHMS	PER PHASE
FRAME	RL2168	AMPS	62	MAX SAFE RPM	5000					(AT BASE RATING, 25 °C)	
HP	50	DUTY	CONT	IM (AMPS)	23	R1	.106	X1	.508		
BASE SPEED	1760	S.F.	1.0	P.F.@NL/FL	.083/.857	R2	.0797	X2	.514		
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	2.32			XM	11.8		

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1756	50.0	150	460	60	61.8
MAX SPEED	2408	50.0	109	460	82.4	60.0
MIN SPEED	0	0	0	20.0	1.49	62.0

LOAD PERFORMANCE AT BASE SPEED

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	22.6
1/4	1790	12.5	37	460	60	27.2
1/2	1779	25.0	74	460	60	36.4
3/4	1768	37.5	111	460	60	48.2
FULL LOAD	1756	50.0	150	460	60	61.8
O/L	1727	73.8	224	460	60	92.2

REMARKS: TYPICAL DATA
CORRELATED DATA

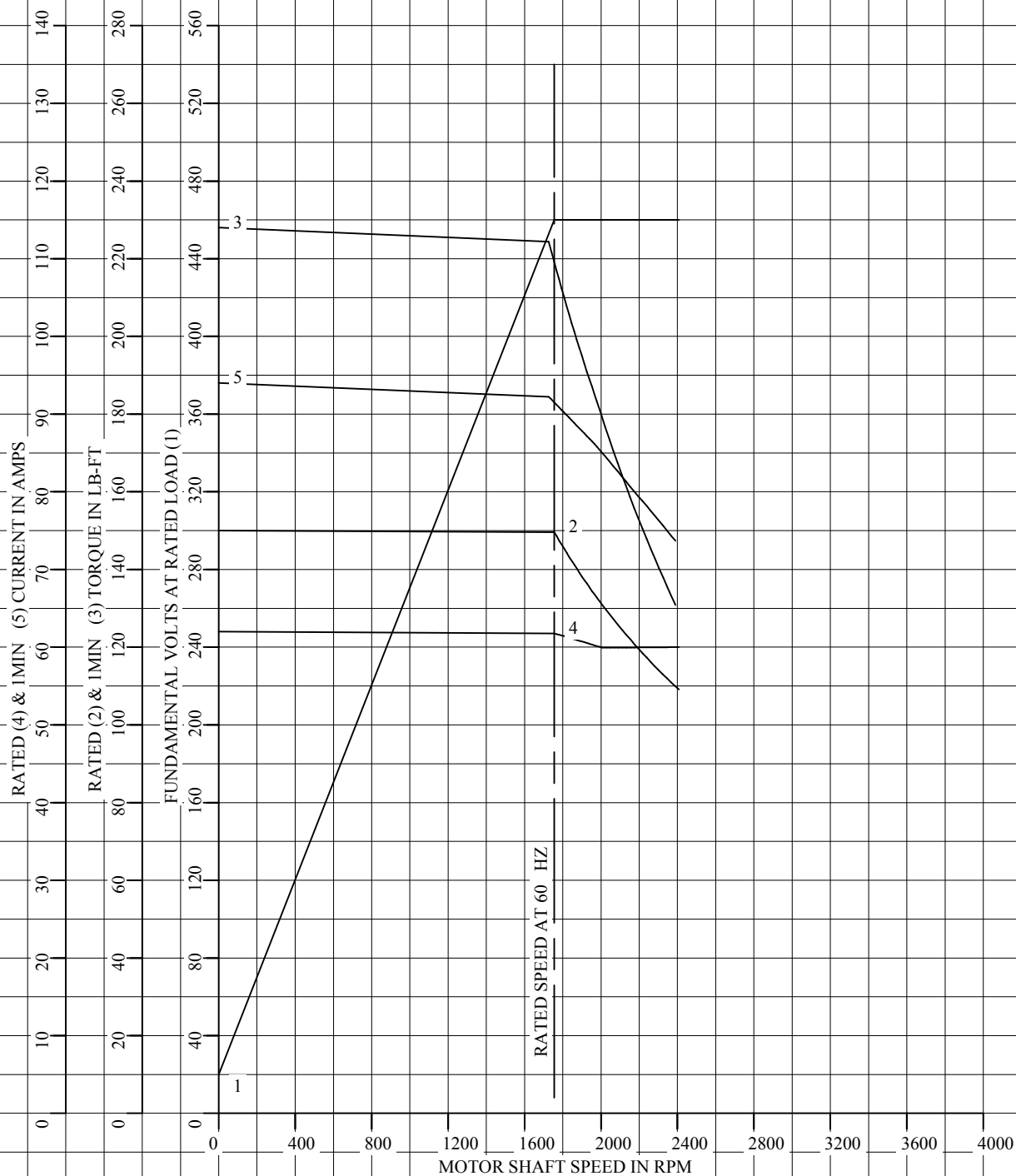


DR. BY M. ORDERS
CK. BY B. GRANT
APP. BY T. EVON
DATE 3/17/00

A-C MOTOR
PERFORMANCE L1757A
DATA
ISSUE DATE 8/25/15

REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	RL2168	AMPS	62	MAX SAFE RPM	5000	(AT BASE RATING, 25 °C)	
HP	50	DUTY	CONT	IM (AMPS)	23	R1 .106	X1 .508
BASE SPEED	1760	S.F.	1.0	P.F. @NL/FL	.083/.857	R2 .0797	X2 .514
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	2.32	XM 11.8	

CORRELATED DATA
VARIABLE SPEED AC MOTOR CURVES



REMARKS: TYPICAL DATA
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY

BALDOR
A MEMBER OF THE ABB GROUP

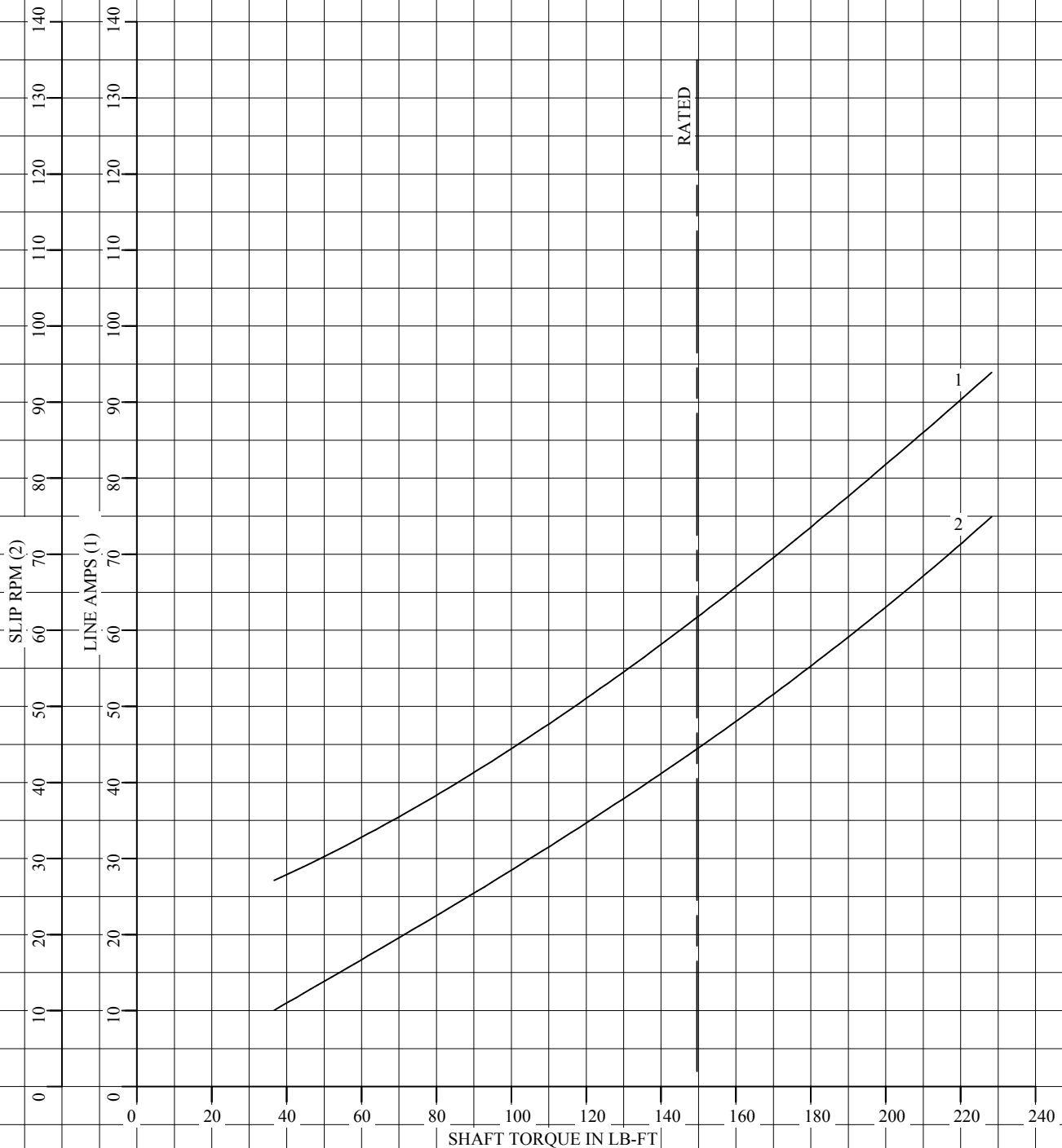
DR. BY M. ORDERS
CK. BY B. GRANT
APP. BY T. EVON
DATE 3/17/00

**A-C MOTOR
PERFORMANCE
CURVES**

L1757A
SH 1 OF 2
ISSUE DATE 8/25/15

REL S.O.	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	RL2168	AMPS	62	MAX SAFE RPM	5000	(AT BASE RATING, 25 °C)	
HP	50	DUTY	CONT	IM (AMPS)	23	R1 .106	X1 .508
BASE SPEED	1760	S.F.	1.0	P.F. @NL/FL	.083/.857	R2 .0797	X2 .514
PHASE/HERTZ	3/60	AMB °C/INSUL	40/H	WK ² (Lb-Ft ²)	2.32	XM 11.8	

CORRELATED DATA
LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



REMARKS: TYPICAL DATA
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DR. BY M. ORDERS
CK. BY B. GRANT
APP. BY T. EVON
DATE 3/17/00

**A-C MOTOR
PERFORMANCE
CURVES**

L1757A
SH 2 OF 2
ISSUE DATE 8/25/15