

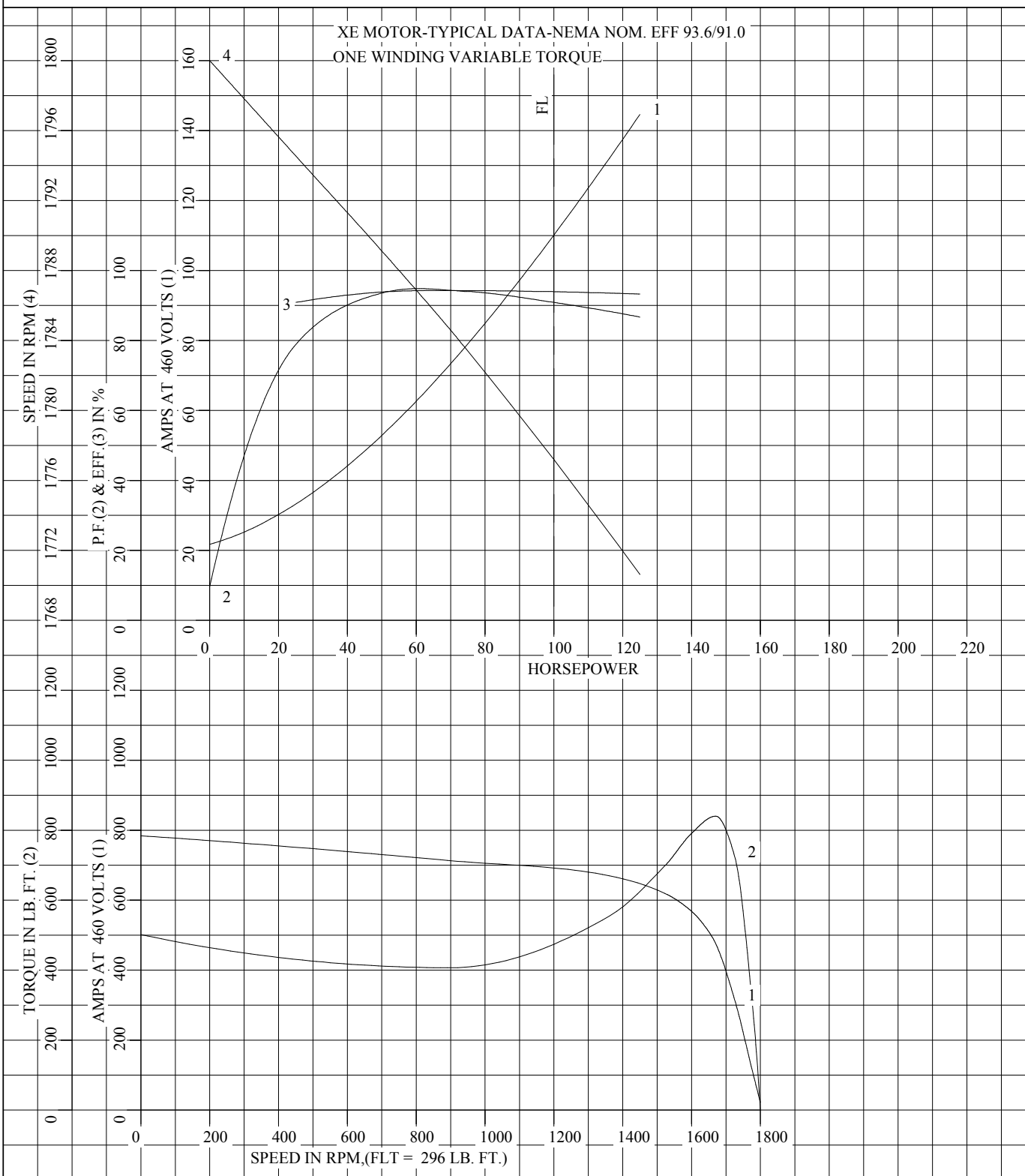
REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	405T	100/25	PM	3/60	1775/885	460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
110/35.4	CONT	40/F	1.15	B	H	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
596886	418142-31-FE	---	---	.0660/.264		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0/ 0	21.9/ 15.2	1800/ 900	9.66/ 5.71	0/ 0	
1/4	25.0/ 6.27	32.7/ 17.3	1795/ 897	78.9/ 39.3	90.9/ 86.1	
2/4	50.0/ 12.5	53.3/ 21.6	1789/ 894	93.6/ 59.7	93.9/ 90.8	
3/4	75.0/ 18.7	79.2/ 27.8	1783/ 891	94.0/ 68.9	94.3/ 91.6	
4/4	100/ 25.0	110/ 35.4	1777/ 887	90.9/ 72.4	93.9/ 91.4	
5/4	125/ 31.3	145/ 44.7	1771/ 883	86.7/ 72.3	93.3/ 90.6	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0/ 0	170/ 152	502/ 224	784/ 164	
PULL UP		901/ 489	138/ 118	407/ 174	713/ 146	
BREAKDOWN		1670/ 841	284/ 210	840/ 310	475/ 105	
FULL LOAD		1777/ 887	100/ 100	296/ 148	110/ 35.4	
AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE						
REMARKS: TYPICAL DATA XE MOTOR-TYPICAL DATA-NEMA NOM. EFF 93.6/91.0 ONE WINDING VARIABLE TORQUE						
		DR. BY P.B. GREENE		A-C MOTOR PERFORMANCE A40WG0279-R002 DATA ISSUE DATE 01/07/11		
		CK. BY K.W. KANOUFF				
		APP. BY K.W. KANOUFF				
		DATE 06/10/87				

REL S.O.
FRAME 405T
HP 100/25
TYPE PM
PHASE/HERTZ 3/60

RPM 1775/885
VOLTS 460
AMPS 110/35.4
DUTY CONT
AMB °C/INSUL 40/F

S.F. 1.15
NEMA DESIGN B
CODE LETTER H
ENCLOSURE TEFC
E/S 596886

ROTOR 418142-31-FE
TEST S.O. TYPICAL DATA
TEST DATE ---
STATOR RES. @ 25 °C .0660/.264
OHMS (BETWEEN LINES)



AMPERES SHOWN FOR 460 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.

BALDOR

DR. BY P.B. GREENE
CK. BY K.W. KANOUFF
APP. BY K.W. KANOUFF
DATE 06/10/87

**A-C MOTOR
PERFORMANCE
CURVES**

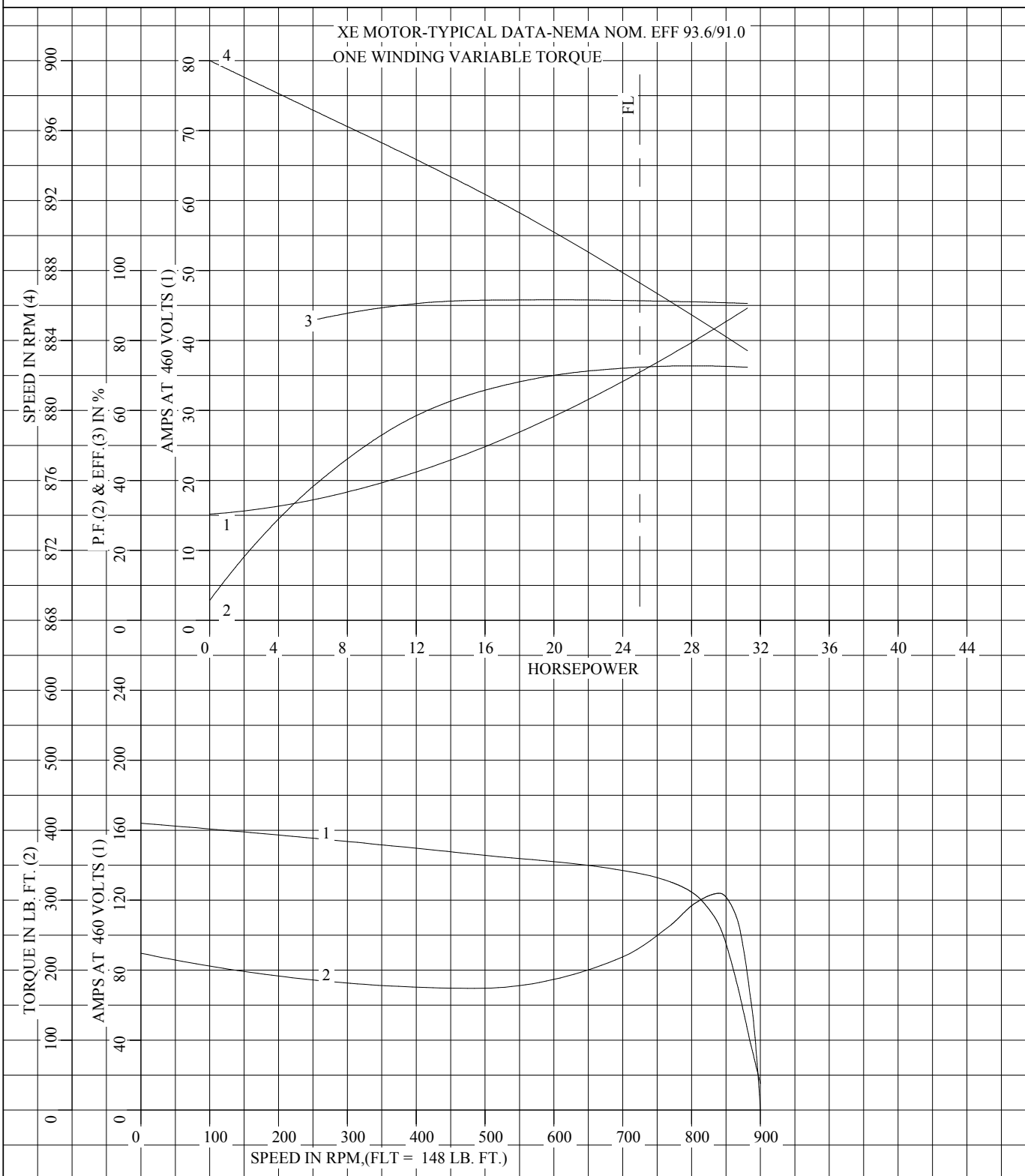
A40WG0279-R002
SH 1 OF 2
ISSUE DATE 01/07/11

REL S.O.
FRAME 405T
HP 100/25
TYPE PM
PHASE/HERTZ 3/60

RPM 1775/885
VOLTS 460
AMPS 110/35.4
DUTY CONT
AMB °C/INSUL 40/F

S.F. 1.15
NEMA DESIGN B
CODE LETTER H
ENCLOSURE TEFC
E/S 596886

ROTOR 418142-31-FE
TEST S.O. TYPICAL DATA
TEST DATE ---
STATOR RES. @ 25 °C .0660/.264
OHMS (BETWEEN LINES)



AMPERES SHOWN FOR 460 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.

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**A-C MOTOR
PERFORMANCE
CURVES**

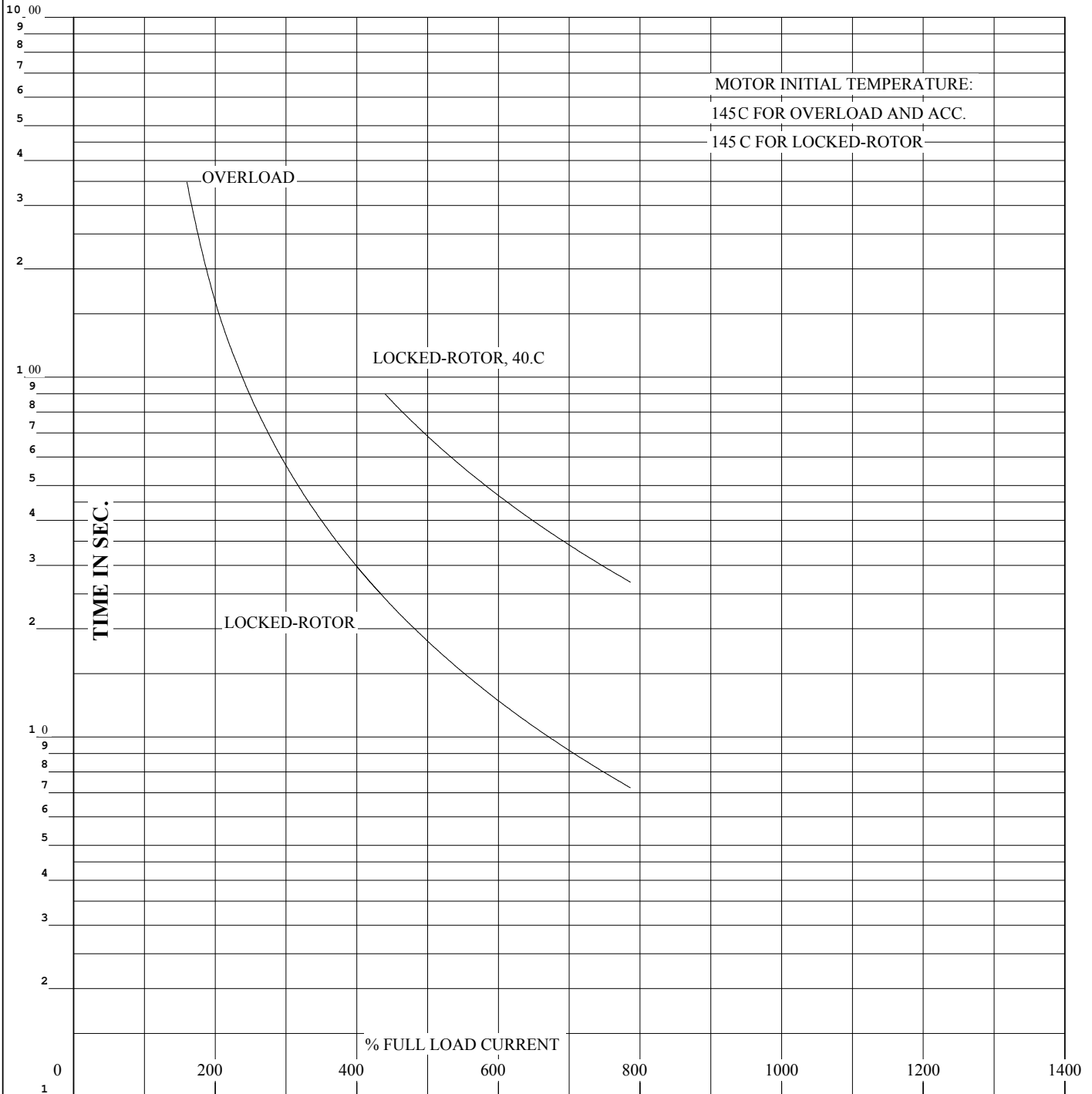
A40WG0279-R002
SH 2 OF 2
ISSUE DATE 01/07/11

REL. S.O.
FRAME 405T
HP 100/25
TYPE PM
PHASE/HERTZ 3/60

RPM 1775/885
VOLTS 460
AMPS 110/35.4
DUTY CONT
AMB °C/INSUL 40/F

S.F. 1.15
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ROTOR 418142-31-FE
TEST S.O. TYPICAL DATA
TEST DATE ---
STATOR RES. @ 25 °C .0660/.264
OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE - HIGH SPEED RATING

REMARKS: XE MOTOR-TYPICAL DATA-NEMA NOM. EFF 93.6/91.0
ONE WINDING VARIABLE TORQUE

AMPERES SHOWN FOR 460 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE
AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.

BALDOR

DR. BY P.B. GREENE
CK. BY K.W. KANOUFF
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DATE 06/10/87

**A-C MOTOR
PERFORMANCE
CURVES**

A40WG0279-R002

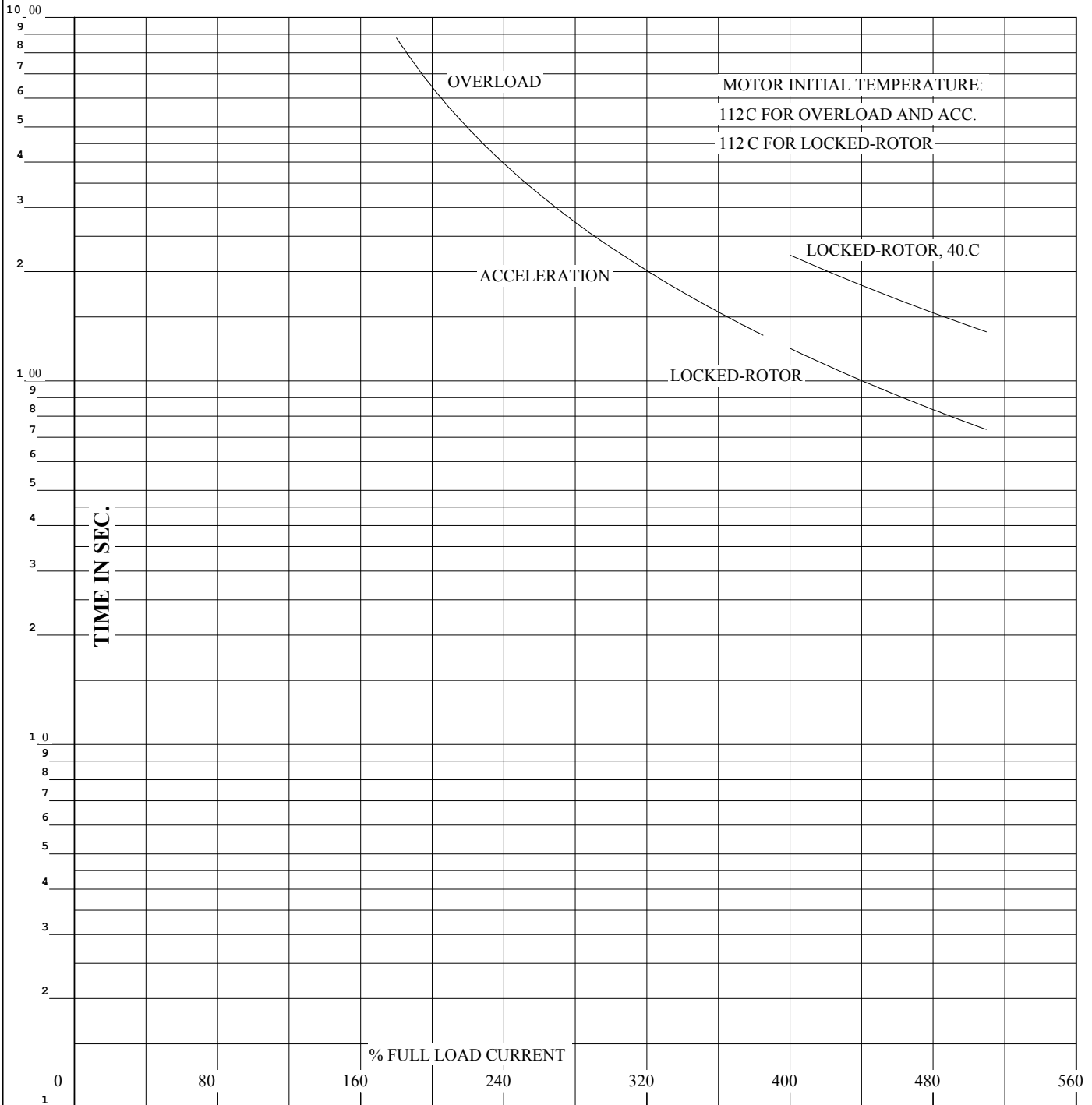
ISSUE DATE SH 1 OF 2
01/07/11

REL. S.O.
FRAME 405T
HP 100/25
TYPE PM
PHASE/HERTZ 3/60

RPM 1775/885
VOLTS 460
AMPS 110/35.4
DUTY CONT
AMB °C/INSUL 40/F

S.F. 1.15
NEMA DESIGN B
CODE LETTER H
ENCLOSURE TEFC
E/S 596886

ROTOR 418142-31-FE
TEST S.O. TYPICAL DATA
TEST DATE ---
STATOR RES. @ 25 °C .0660/.264
OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE - LOW SPEED RATING

REMARKS: XE MOTOR-TYPICAL DATA-NEMA NOM. EFF 93.6/91.0
ONE WINDING VARIABLE TORQUE

AMPERES SHOWN FOR 460 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE
AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.

BALDOR

DR. BY P.B. GREENE
CK. BY K.W. KANOUFF
APP. BY K.W. KANOUFF
DATE 06/10/87

**A-C MOTOR
PERFORMANCE
CURVES**

A40WG0279-R002

ISSUE DATE SH 2 OF 2
01/07/11