

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	405T	100	P	3/60	1780	230/460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
224/112	CONT	40/F	1.00	B	G	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
596181	418142037AE	---	---	.0141/.0564		

PERFORMANCE

LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY
NO LOAD	0	34.2	1800	4.25	0
1/4	25.0	43.3	1796	57.9	93.5
2/4	50.0	62.9	1792	77.9	95.5
3/4	74.9	86.4	1787	84.9	95.7
4/4	100	112	1782	87.5	95.4
5/4	125	140	1777	88.1	94.8

SPEED TORQUE

	RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES
LOCKED ROTOR	0	169	498	708
PULL UP	270	148	437	665
BREAKDOWN	1712	242	714	409
FULL LOAD	1782	100	295	112

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

REMARKS: TYPICAL DATA
NEMA PREMIUM - 95.4 PCT NOMINAL EFFICIENCY



DR. BY W. L. SMITH
CK. BY J. J. HARRISON
APP. BY W. L. SMITH
DATE 09/01/10

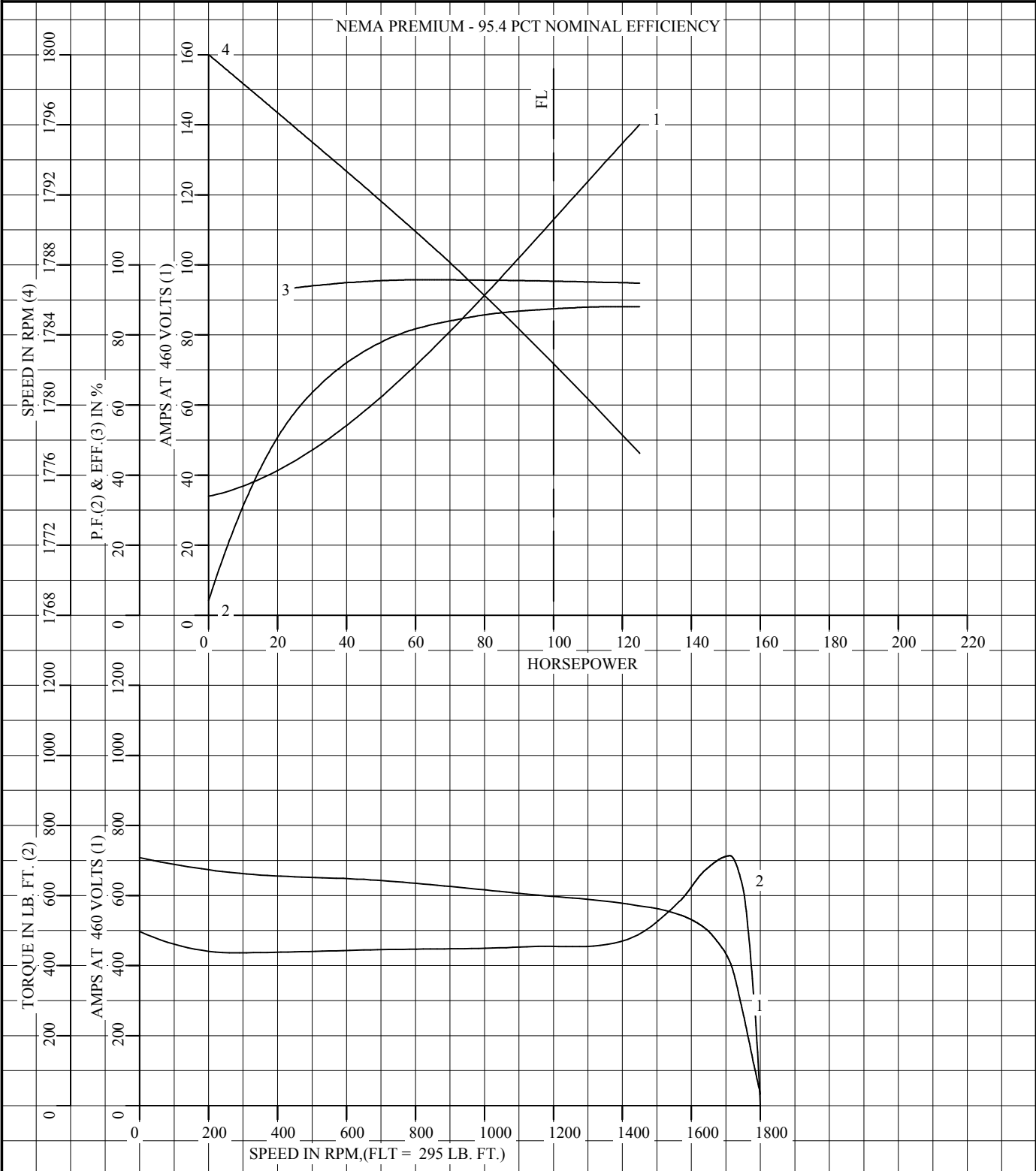
**A-C MOTOR
PERFORMANCE A40WG0494-R002
DATA** ISSUE DATE 11/01/17

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

RPM 1780
 VOLTS 230/460
 AMPS 224/112
 DUTY CONT
 AMB °C/INSUL 40/F

S.F. 1.00
 NEMA DESIGN B
 CODE LETTER G
 ENCLOSURE TEFC
 E/S 596181

ROTOR 418142037AE
 TEST S.O. TYPICAL DATA
 TEST DATE ---
 STATOR RES. @ 25 °C .0141/.0564
 OHMS (BETWEEN LINES)



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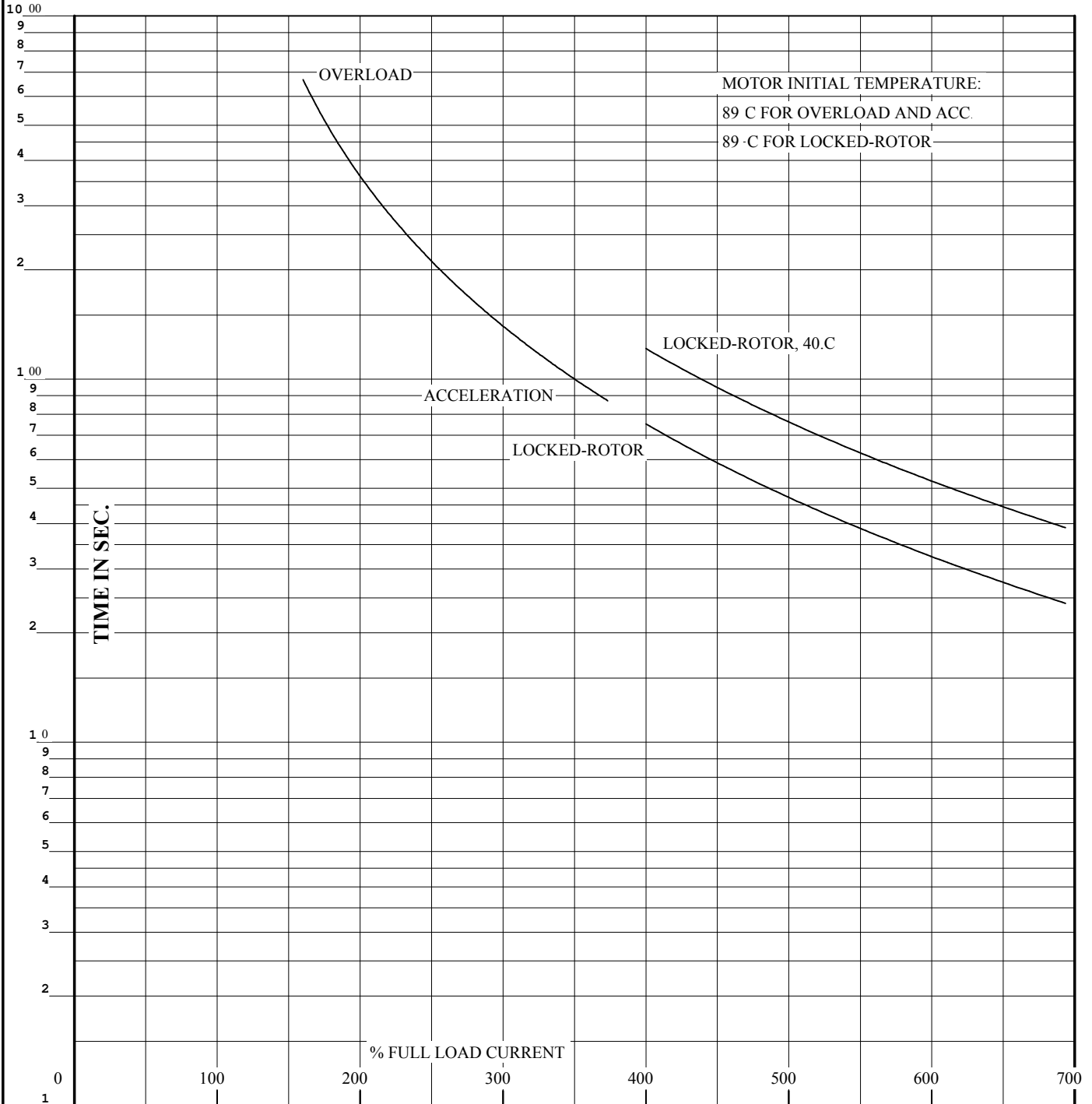
A-C MOTOR PERFORMANCE CURVES
 A40WG0494-R002
 ISSUE DATE 11/01/17

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

RPM 1780
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 DUTY CONT
 AMB °C/INSUL 40/F

S.F. 1.00
 NEMA DESIGN B
 CODE LETTER G
 ENCLOSURE TEFC
 E/S 596181

ROTOR 418142037AE
 TEST S.O. TYPICAL DATA
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THERMAL LIMIT CURVE

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