

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	405T	100	P	3/60	1785	230/460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
228/114	CONT	40/F	1.15	B	G	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
---	418142037CE	---	---	.0120/.0482		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	35.0	1800	4.55	0	
1/4	25.0	44.6	1796	56.6	92.9	
2/4	50.0	63.6	1792	77.2	95.3	
3/4	75.0	87.5	1788	83.9	95.7	
4/4	100	114	1783	86.2	95.4	
5/4	125	141	1778	87.2	94.9	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	171	505	725	
PULL UP		770	160	470	680	
BREAKDOWN		1719	246	725	380	
FULL LOAD		1783	100	295	114	
AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE						
REMARKS: TYPICAL DATA 95.4 PCT NOMINAL EFFICIENCY						
 A MEMBER OF THE ABB GROUP		DR. BY W. L. SMITH CK. BY J. P. TSAO APP. BY E. J. CHRISTIAN DATE 10/26/20		A-C MOTOR PERFORMANCE DATA A40WG5245-R002 ISSUE DATE 12/02/20		

REL S.O.

FRAME 405T

HP 100

TYPE P

PHASE/HERTZ 3/60

RPM 1785

VOLTS 230/460

AMPS 228/114

DUTY CONT

AMB °C/INSUL 40/F

S.F. 1.15

NEMA DESIGN B

CODE LETTER G

ENCLOSURE TEFC

E/S ---

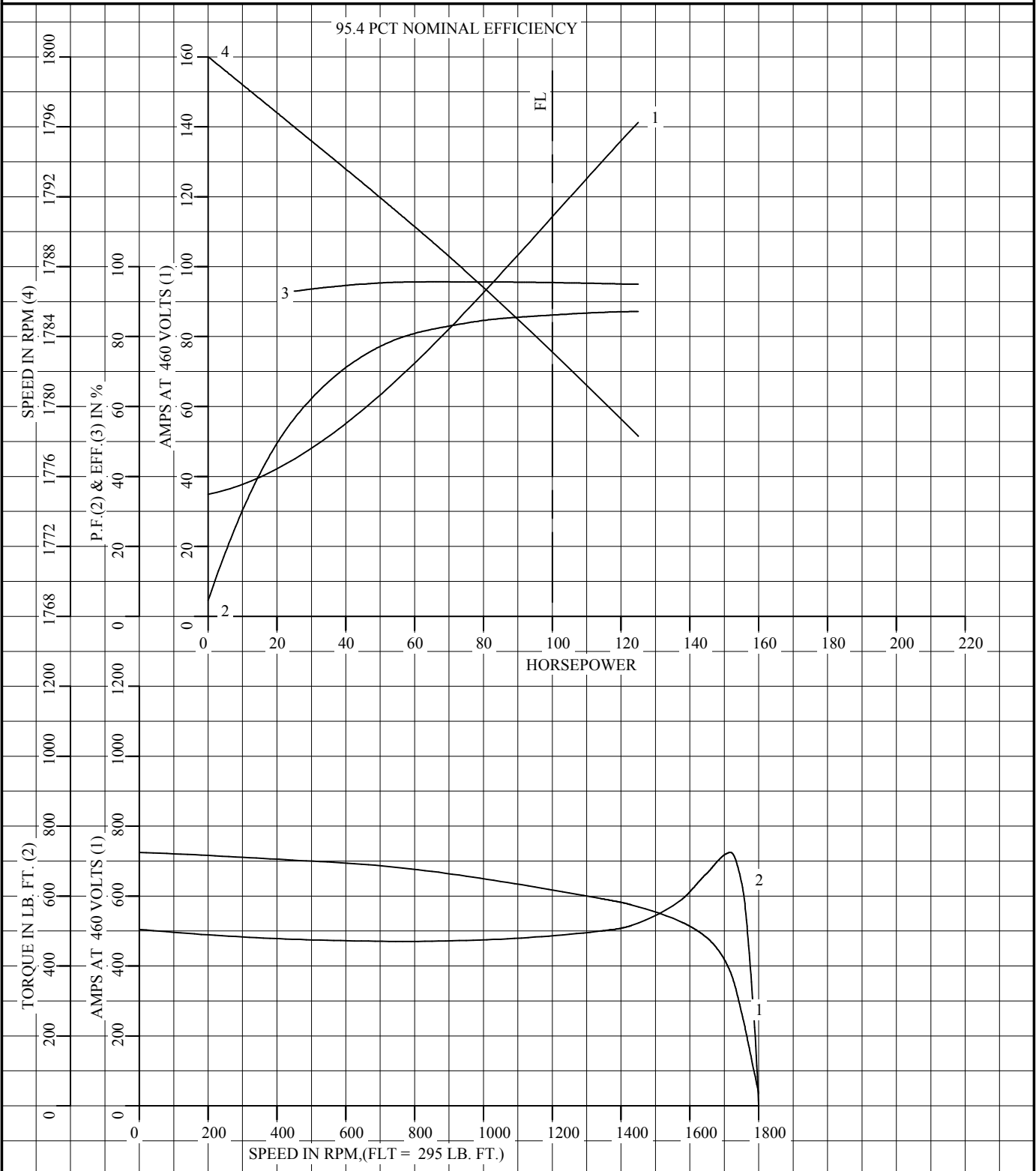
ROTOR 418142037CE

TEST S.O. TYPICAL DATA

TEST DATE ---

STATOR RES. @ 25 °C .0120/.0482

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
A MEMBER OF THE ABB GROUP

DR. BY W. L. SMITH
CK. BY J. P. TSAO
APP. BY E. J. CHRISTIAN
DATE 10/26/20

**A-C MOTOR
PERFORMANCE
CURVES**

A40WG5245-R002
ISSUE DATE 12/02/20

REL. S.O.

FRAME 405T

HP 100

TYPE P

PHASE/HERTZ 3/60

RPM 1785

VOLTS 230/460

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DUTY CONT

AMB °C/INSUL 40/F

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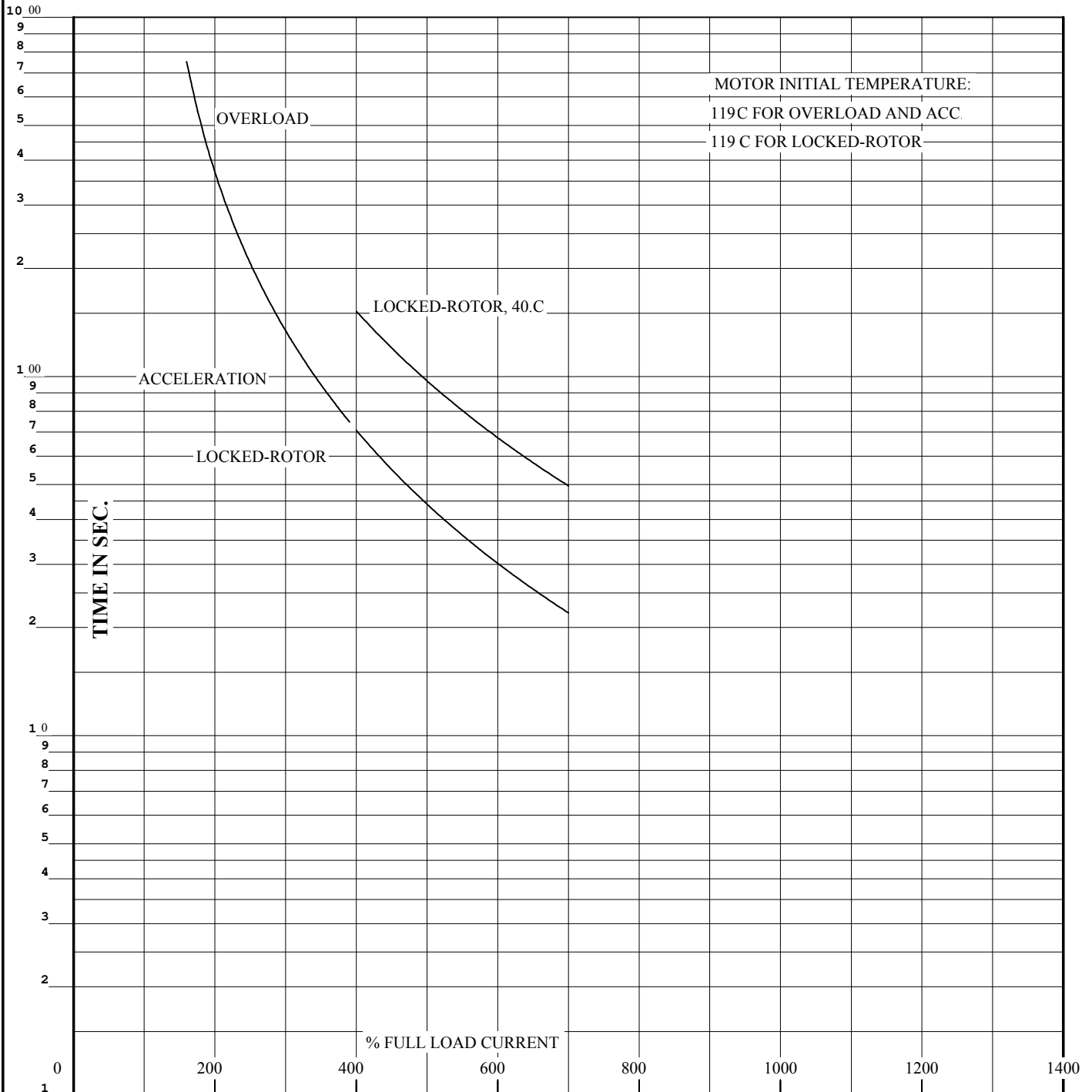
ROTOR 418142037CE

TEST S.O. TYPICAL DATA

TEST DATE ---

STATOR RES. @ 25 °C .0120/.0482

OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

REMARKS:

95.4 PCT NOMINAL EFFICIENCY

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