

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	405T	100	P	3/60	1785	575
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
89.6	CONT	40/F	1.00	B	G	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
496079	418142-33RE	---	---	.0761		

**PERFORMANCE**

LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY
NO LOAD	0	25.5	1800	5.02	0
1/4	25.0	33.6	1796	60.0	92.9
2/4	50.0	49.5	1792	79.3	95.3
3/4	75.0	68.8	1788	85.3	95.6
4/4	100	89.6	1783	87.6	95.4
5/4	125	111	1778	88.8	94.9

**SPEED TORQUE**

	RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES
LOCKED ROTOR	0	151	445	580
PULL UP	360	136	400	565
BREAKDOWN	1721	250	735	306
FULL LOAD	1783	100	295	89.6

AMPERES SHOWN FOR 575. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE

REMARKS: TYPICAL DATA  
 XE MOTOR-DATA-NEMA NOM. EFF. 95.4 PCT  
 GUARANTEED MIN EFF. 94.5 PCT



DR. BY G. R. WEBB  
 CK. BY W. L. SMITH  
 APP. BY W. L. SMITH  
 DATE 06/23/15

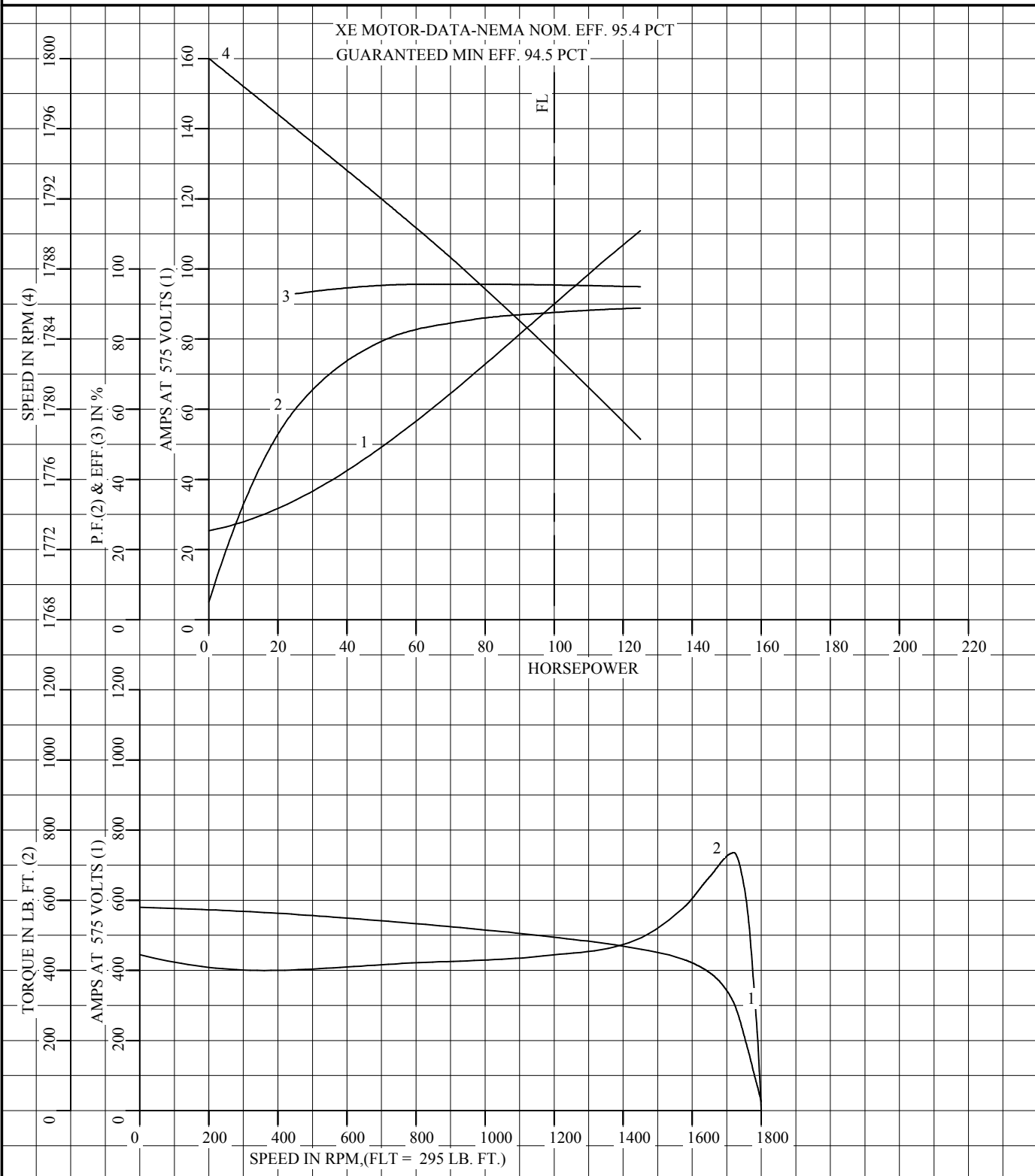
**A-C MOTOR  
 PERFORMANCE A40WG0665-R010  
 DATA** ISSUE DATE 09/17/20

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

RPM 1785  
 VOLTS 575  
 AMPS 89.6  
 DUTY CONT  
 AMB °C/INSUL 40/F

S.F. 1.00  
 NEMA DESIGN B  
 CODE LETTER G  
 ENCLOSURE TEFC  
 E/S 496079

ROTOR 418142-33RE  
 TEST S.O. TYPICAL DATA  
 TEST DATE ---  
 STATOR RES. @ 25 °C .0761  
 OHMS (BETWEEN LINES)



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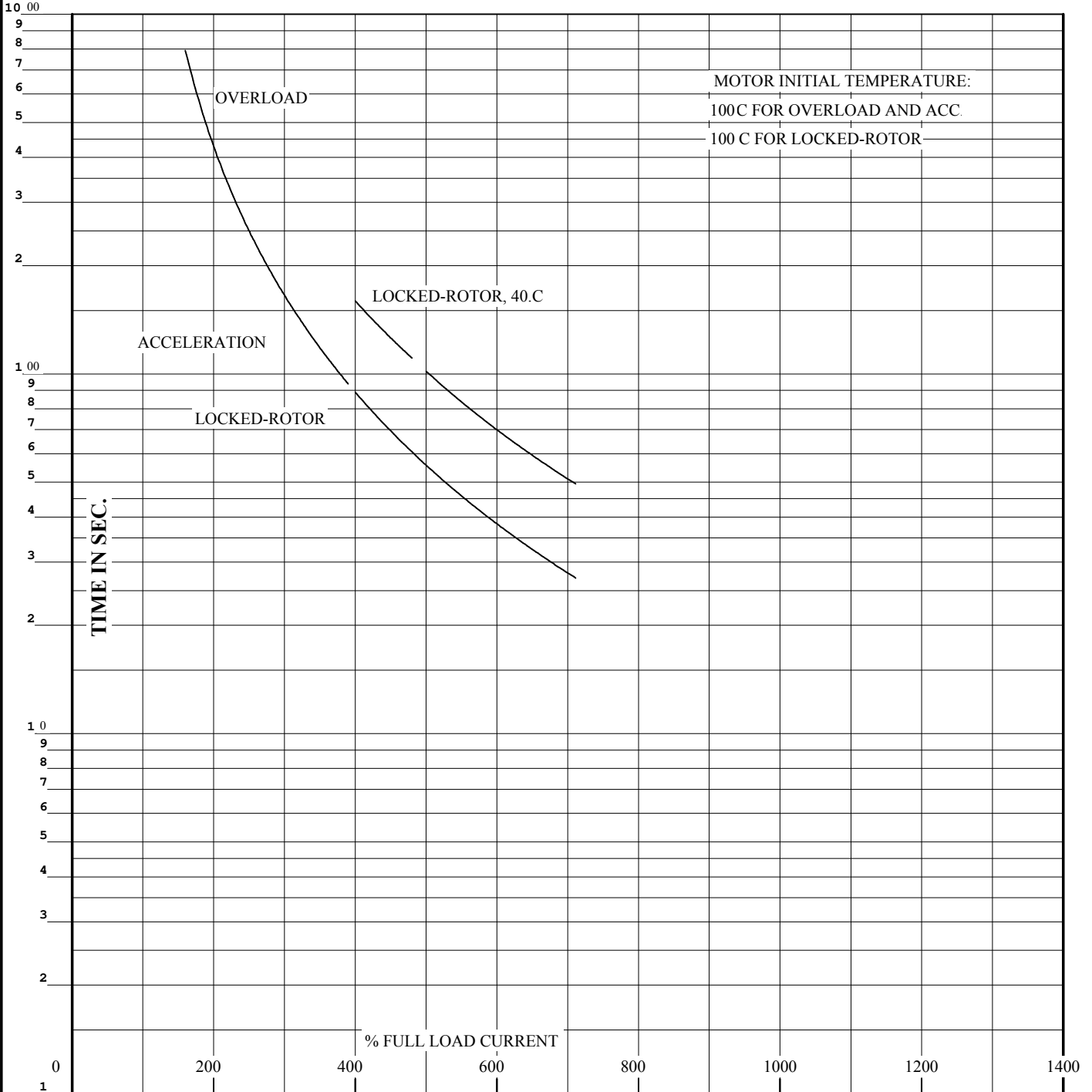
**A-C MOTOR PERFORMANCE CURVES**  
 A40WG0665-R010  
 ISSUE DATE 09/17/20

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

RPM 1785  
 VOLTS 575  
 AMPS 89.6  
 DUTY CONT  
 AMB °C/INSUL 40/F

S.F. 1.00  
 NEMA DESIGN B  
 CODE LETTER G  
 ENCLOSURE TEFC  
 E/S 496079

ROTOR 418142-33RE  
 TEST S.O. TYPICAL DATA  
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 STATOR RES. @ 25 °C .0761  
 OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

REMARKS: XE MOTOR-DATA-NEMA NOM. EFF. 95.4 PCT  
 GUARANTEED MIN EFF. 94.5 PCT

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**A-C MOTOR PERFORMANCE CURVES**  
**A40WG0665-R010**  
 ISSUE DATE 09/17/20