
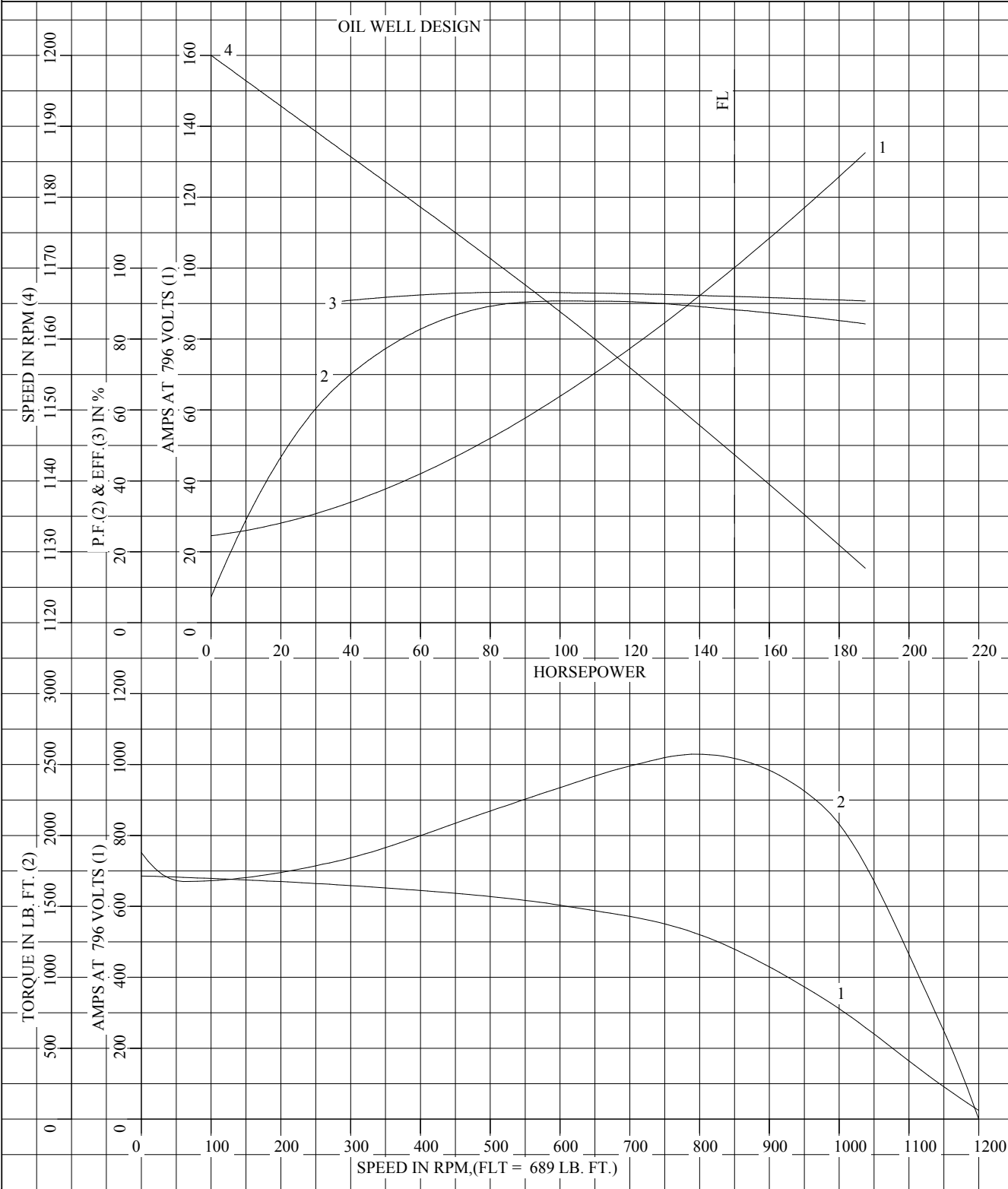


REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	449T	150	P	3/60	1145	460/796
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
173/99.9	CONT	40/F	1.00	D	H	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
533183	418143-69AA	---	---	.0237/.0712		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	24.6	1200	7.22	0	
1/4	37.5	32.9	1187	68.0	90.7	
2/4	75.0	49.5	1173	88.2	93.1	
3/4	113	72.3	1159	90.7	92.9	
4/4	150	99.9	1144	88.3	92.0	
5/4	187	133	1128	84.3	90.7	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	273	1880	686	
PULL UP		60.0	243	1675	682	
BREAKDOWN		794	374	2573	524	
FULL LOAD		1144	100	689	99.9	
<p>AMPERES SHOWN FOR 796. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE</p> <p>REMARKS: TYPICAL DATA OIL WELL DESIGN</p>						
		DR. BY C.E. JAMISON CK. BY W.L. SMITH APP. BY W.L. SMITH DATE 04/16/10			<b>A-C MOTOR</b> <b>PERFORMANCE A44WG1542-R001</b> <b>DATA</b> ISSUE DATE 12/18/10	

REL S.O.  
 FRAME 449T  
 HP 150  
 TYPE P  
 PHASE/HERTZ 3/60

RPM 1145  
 VOLTS 460/796  
 AMPS 173/99.9  
 DUTY CONT  
 AMB °C/INSUL 40/F  
 S.F. 1.00  
 NEMA DESIGN D  
 CODE LETTER H  
 ENCLOSURE TEFC  
 E/S 533183

ROTOR 418143-69AA  
 TEST S.O. TYPICAL DATA  
 TEST DATE ---  
 STATOR RES. @ 25 °C .0237/.0712  
 OHMS (BETWEEN LINES)



AMPERES SHOWN FOR 796 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.



DR. BY C.E. JAMISON  
 CK. BY W.L. SMITH  
 APP. BY W.L. SMITH  
 DATE 04/16/10

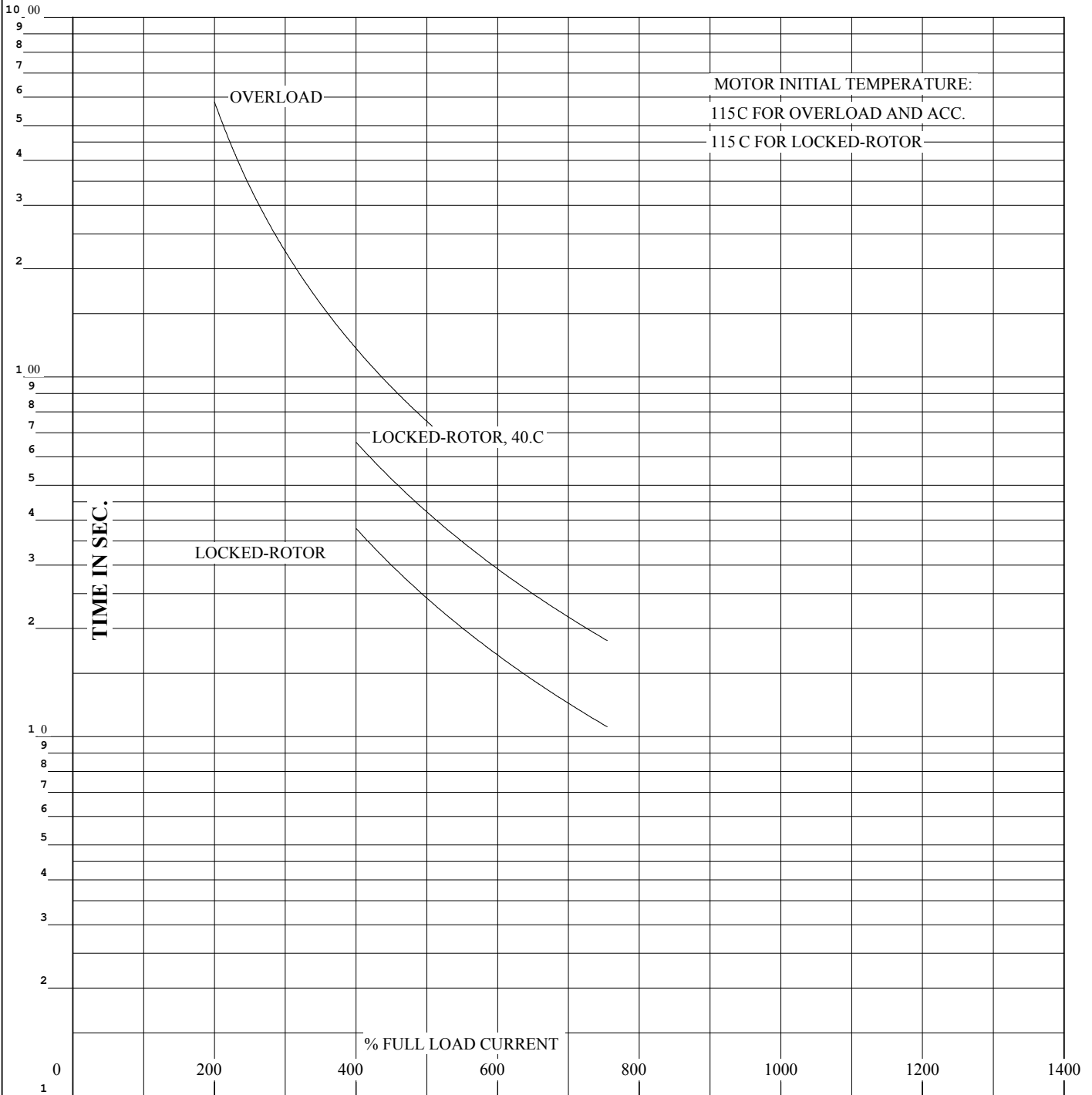
**A-C MOTOR**  
**PERFORMANCE** A44WG1542-R001  
**CURVES** ISSUE DATE 12/18/10

REL. S.O.  
 FRAME 449T  
 HP 150  
 TYPE P  
 PHASE/HERTZ 3/60

RPM 1145  
 VOLTS 460/796  
 AMPS 173/99.9  
 DUTY CONT  
 AMB °C/INSUL 40/F

S.F. 1.00  
 NEMA DESIGN D  
 CODE LETTER H  
 ENCLOSURE TEFC  
 E/S 533183

ROTOR 418143-69AA  
 TEST S.O. TYPICAL DATA  
 TEST DATE ---  
 STATOR RES. @ 25 °C .0237/.0712  
 OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

REMARKS: OIL WELL DESIGN

AMPERES SHOWN FOR 796 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.



DR. BY C.E. JAMISON  
 CK. BY W.L. SMITH  
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**A-C MOTOR**  
**PERFORMANCE** A44WG1542-R001  
**CURVES** ISSUE DATE 12/18/10