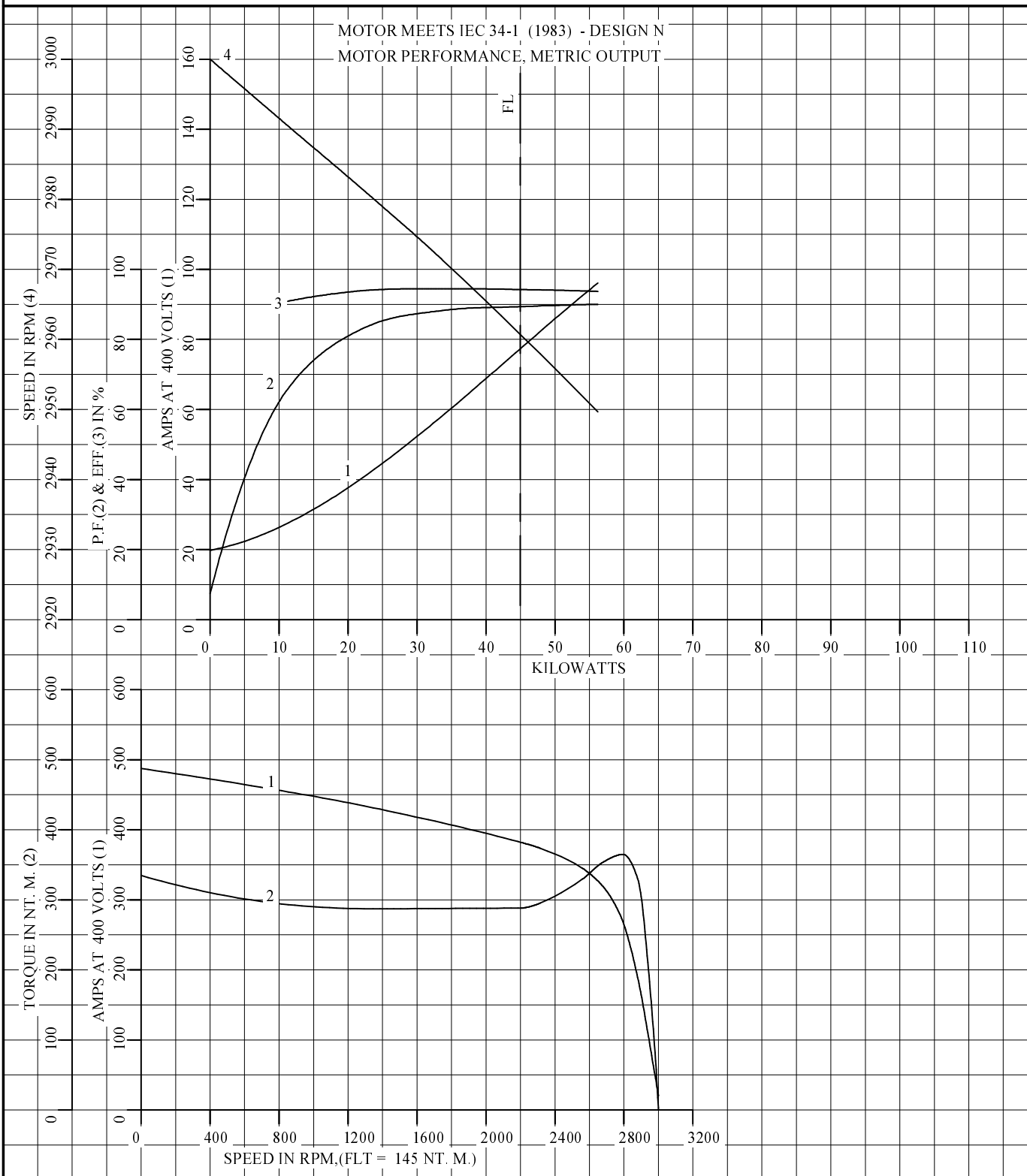


REL. S.O.	FRAME	KW	TYPE	PHASE/ HERTZ	RPM	VOLTS					
	225S	45	P	3/50	2960	400					
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.					
77	S1	40/F	1.00	N	-	TEFC					
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES.@25 °C OHMS (BETWEEN LINES)							
491375	418141005XE	---	---	.0841							
PERFORMANCE											
LOAD	KW	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY						
NO LOAD	0	19.9	3000	7.45	0						
1/4	11.3	27.1	2990	65.9	90.9						
2/4	22.5	41.4	2981	83.5	94.0						
3/4	33.8	58.5	2971	88.3	94.5						
4/4	45.0	77.1	2961	89.4	94.3						
5/4	56.2	96.2	2950	90.0	93.7						
SPEED TORQUE											
		RPM	TORQUE % FULL LOAD	TORQUE NT.-M.	AMPERES						
LOCKED ROTOR		0	231	335	487						
PULL UP		1305	198	287	433						
BREAKDOWN		2796	252	365	267						
FULL LOAD		2961	100	145	77.1						
AMPERES SHOWN FOR 400. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE REMARKS: TYPICAL DATA MOTOR PERFORMANCE, METRIC OUTPUT MOTOR MEETS IEC 34-1 (1983) - DESIGN N											
		DR. BY J.J.HARRISON		A-C MOTOR PERFORMANCE DATA A36WG0739-R001 ISSUE DATE 12/15/10							
		CK. BY W.L.SMITH									
		APP. BY W.L.SMITH									
		DATE 09/04/05									

REL S.O.	RPM 2960	S.F. 1.00	ROTOR 418141005XE
FRAME 225S	VOLTS 400	NEMA DESIGN N	TEST S.O. TYPICAL DATA
KW 45	AMPS 77	CODE LETTER -	TEST DATE ---
TYPE P	DUTY S1	ENCLOSURE TEFC	STATOR RES. @ 25 °C .0841
PHASE/HERTZ 3/50	AMB °C/INSUL 40/F	E/S 491375	OHMS (BETWEEN LINES)



AMPERES SHOWN FOR 400 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.

BALDOR

DR. BY J J HARRISON
CK. BY W L SMITH
APP. BY W L SMITH
DATE 09/04/05

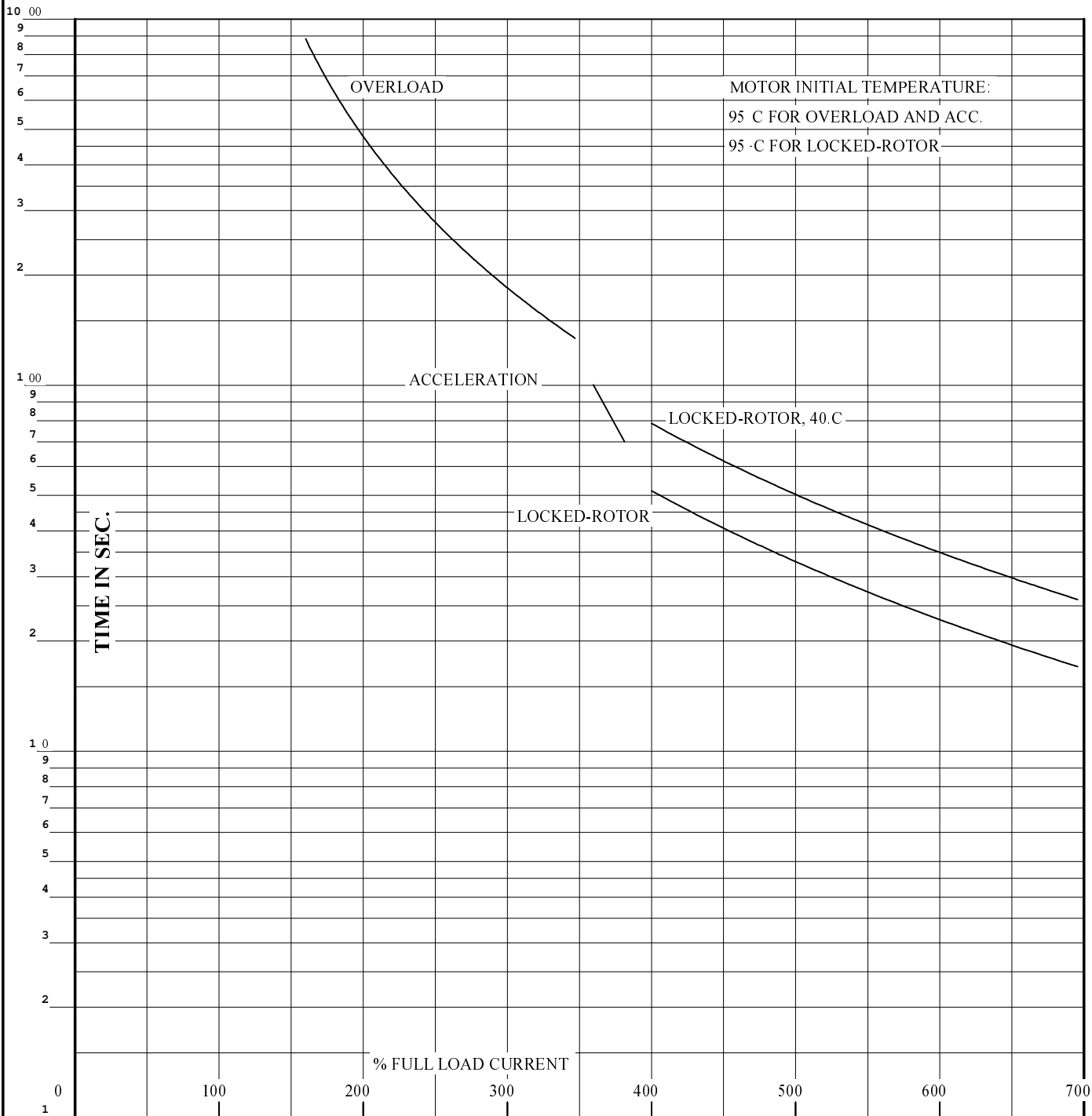
**A-C MOTOR
PERFORMANCE
CURVES** A36WG0739-R001
ISSUE DATE 12/15/10

REL. S.O.
FRAME 225S
KW 45
TYPE P
PHASE/HERTZ 3/50

RPM 2960
VOLTS 400
AMPS 77
DUTY S1
AMB °C/INSUL 40/F

S.F. 1.00
NEMA DESIGN N
CODE LETTER -
ENCLOSURE TEFC
E/S 491375

ROTOR 418141005XE
TEST S.O. TYPICAL DATA
TEST DATE ---
STATOR RES. @ 25 °C .0841
OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

REMARKS: MOTOR MEETS IEC 34-1 (1983) - DESIGN N

AMPERES SHOWN FOR 400 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.

BALDOR

DR. BY J J HARRISON
CK. BY W L SMITH
APP. BY W L SMITH
DATE 09/04/05

**A-C MOTOR
PERFORMANCE
CURVES** A36WG0739-R001
ISSUE DATE 12/15/10