

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	445TS	250	P	3/60	1770	460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
272	CONT	40/F	1.15	B	F	PROT
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES.@25 °C OHMS (BETWEEN LINES)		
---	418143052EE	---	---	.0232		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	58.6	1800	4.08	0	
1/4	62.7	86.3	1794	71.4	95.2	
2/4	125	139	1788	87.4	96.3	
3/4	187	203	1781	90.1	96.0	
4/4	250	272	1774	90.2	95.4	
5/4	312	343	1766	90.1	94.6	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	142	1051	1701	
PULL UP		220	126	928	1632	
BREAKDOWN		1687	269	1991	1029	
FULL LOAD		1774	100	739	272	
AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE						
REMARKS: CALCULATED DATA EMASTER-NEMA NOM. EFF. 95.4 PCT. GUARANTEED MIN. EFF. 94.5 PCT.						
 A MEMBER OF THE ABB GROUP		DR. BY E.J.CHRISTIAN		A-C MOTOR PERFORMANCE A44WG5466-R001 DATA ISSUE DATE 12/06/16		
		CK. BY T.G.KELATI				
		APP. BY T.G.KELATI				
		DATE 12/06/16				

REL S.O.

FRAME 445TS

HP 250

TYPE P

PHASE/HERTZ 3/60

RPM 1770

VOLTS 460

AMPS 272

DUTY CONT

AMB °C/INSUL 40/F

S.F. 1.15

NEMA DESIGN B

CODE LETTER F

ENCLOSURE PROT

E/S ---

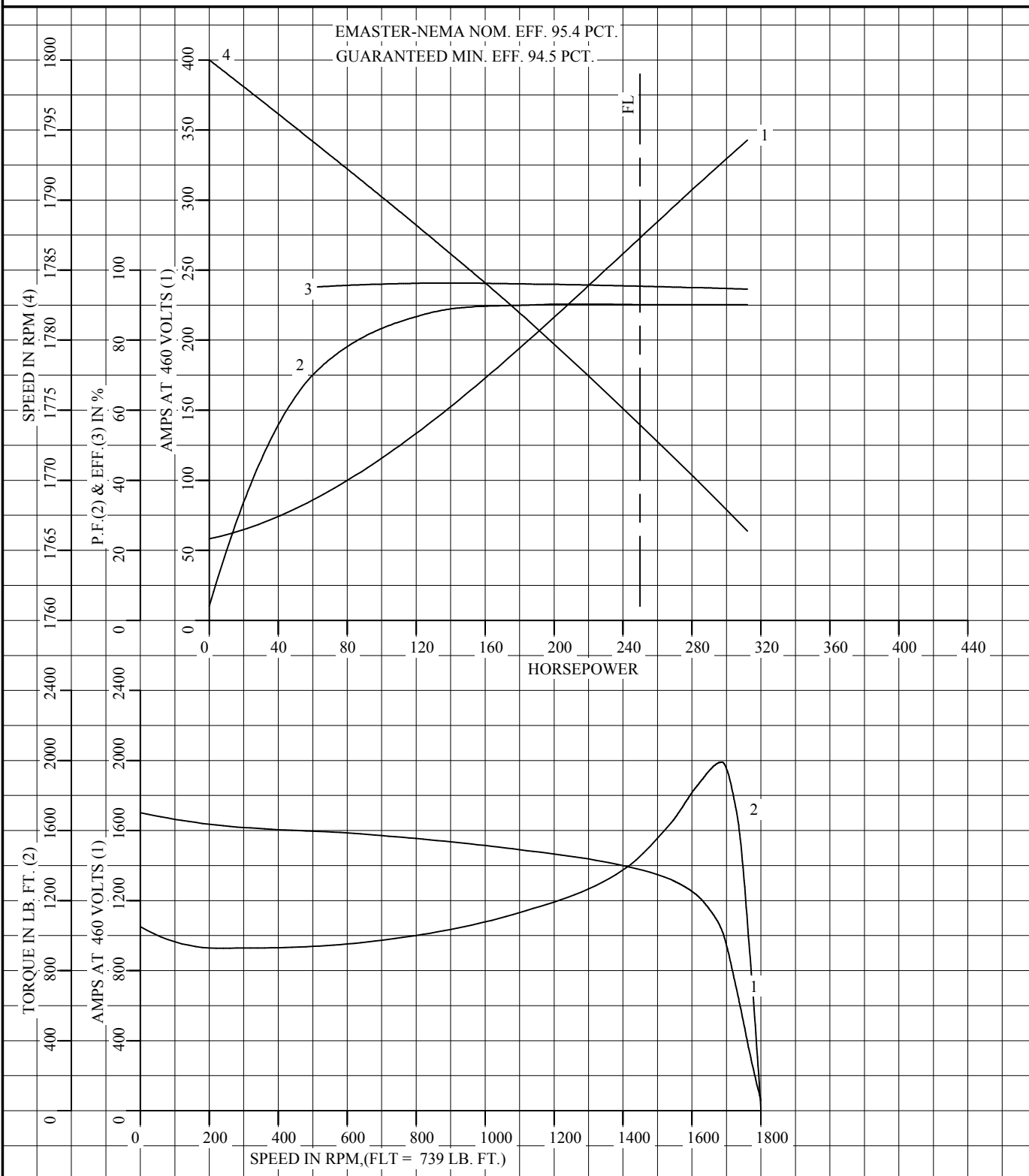
ROTOR 418143052EE

TEST S.O. CALCULATED DATA

TEST DATE ---

STATOR RES. @ 25 °C .0232

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 E.J. CHRISTIAN
CK. BY T.G. KELATI
APP. BY T.G. KELATI
DATE 12/06/16

**A-C MOTOR
PERFORMANCE
CURVES**

A44WG5466-R001
ISSUE DATE 12/06/16