

|                                                                                                                                               |             |                                                                       |                       |                                                                     |                 |         |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------|-----------------|---------|
| REL.<br>S.O.                                                                                                                                  | FRAME       | HP                                                                    | TYPE                  | PHASE/<br>HERTZ                                                     | RPM             | VOLTS   |
|                                                                                                                                               | 364TZ       | 60                                                                    | P                     | 3/60                                                                | 1780            | 230/460 |
|                                                                                                                                               |             |                                                                       |                       |                                                                     |                 |         |
| AMPS                                                                                                                                          | DUTY        | AMB °C/<br>INSUL.                                                     | S.F.                  | NEMA<br>DESIGN                                                      | CODE<br>LETTER  | ENCL.   |
| 140/69.9                                                                                                                                      | CONT        | 40/F                                                                  | 1.25                  | A                                                                   | H               | TEFC    |
|                                                                                                                                               |             |                                                                       |                       |                                                                     |                 |         |
| E/S                                                                                                                                           | ROTOR       | TEST<br>S.O.                                                          | TEST<br>DATE          | STATOR RES. @25 °C<br>OHMS (BETWEEN LINES)                          |                 |         |
| 491620                                                                                                                                        | 418141038ZE | ---                                                                   | ---                   | .0208/.0832                                                         |                 |         |
| PERFORMANCE                                                                                                                                   |             |                                                                       |                       |                                                                     |                 |         |
| LOAD                                                                                                                                          | HP          | AMPERES                                                               | RPM                   | %<br>POWER FACTOR                                                   | %<br>EFFICIENCY |         |
| NO LOAD                                                                                                                                       | 0           | 24.0                                                                  | 1800                  | 4.22                                                                | 0               |         |
| 1/4                                                                                                                                           | 15.0        | 29.5                                                                  | 1795                  | 51.6                                                                | 92.5            |         |
| 2/4                                                                                                                                           | 30.0        | 40.5                                                                  | 1791                  | 73.1                                                                | 95.0            |         |
| 3/4                                                                                                                                           | 45.0        | 54.4                                                                  | 1786                  | 81.3                                                                | 95.3            |         |
| 4/4                                                                                                                                           | 60.0        | 69.9                                                                  | 1780                  | 84.6                                                                | 95.0            |         |
| 5/4                                                                                                                                           | 75.0        | 86.1                                                                  | 1775                  | 86.4                                                                | 94.4            |         |
|                                                                                                                                               |             |                                                                       |                       |                                                                     |                 |         |
| SPEED TORQUE                                                                                                                                  |             |                                                                       |                       |                                                                     |                 |         |
|                                                                                                                                               |             | RPM                                                                   | TORQUE<br>% FULL LOAD | TORQUE<br>LB.-FT.                                                   | AMPERES         |         |
| LOCKED ROTOR                                                                                                                                  |             | 0                                                                     | 285                   | 505                                                                 | 501             |         |
| PULL UP                                                                                                                                       |             | 1200                                                                  | 230                   | 408                                                                 | 420             |         |
| BREAKDOWN                                                                                                                                     |             | 1675                                                                  | 281                   | 498                                                                 | 268             |         |
| FULL LOAD                                                                                                                                     |             | 1780                                                                  | 100                   | 177                                                                 | 69.9            |         |
| AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE<br>AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE |             |                                                                       |                       |                                                                     |                 |         |
| REMARKS: TYPICAL DATA<br>NEMA PREMIUM - 95.0 PCT NOMINAL EFFICIENCY                                                                           |             |                                                                       |                       |                                                                     |                 |         |
| <br>A MEMBER OF THE ABB GROUP                              |             | DR. BY CD<br>CK. BY T. KELATI<br>APP. BY T. KELATI<br>DATE 02/03/2015 |                       | A-C MOTOR<br>PERFORMANCE DATA A36WG3907-R001<br>ISSUE DATE 04/16/19 |                 |         |

REL S.O.

FRAME 364TZ

HP 60

TYPE P

PHASE/HERTZ 3/60

RPM 1780

VOLTS 230/460

AMPS 140/69.9

DUTY CONT

AMB °C/INSUL 40/F

S.F. 1.25

NEMA DESIGN A

CODE LETTER H

ENCLOSURE TEFC

E/S 491620

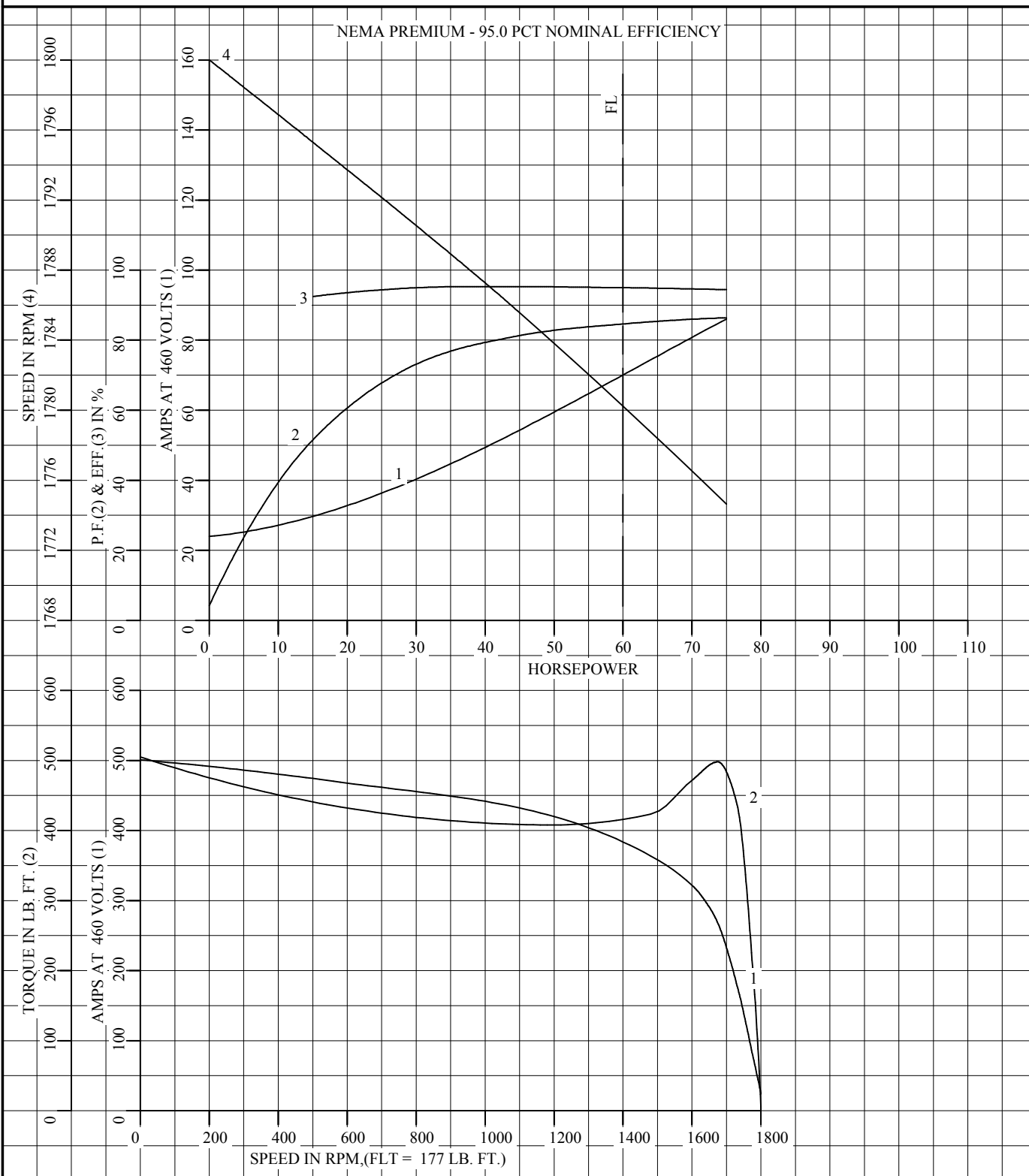
ROTOR 418141038ZE

TEST S.O. TYPICAL DATA

TEST DATE ---

STATOR RES. @ 25 °C .0208/.0832

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 CD  
CK. BY T. KELATI  
APP. BY T. KELATI  
DATE 02/03/2015

**A-C MOTOR  
PERFORMANCE  
CURVES**

A36WG3907-R001

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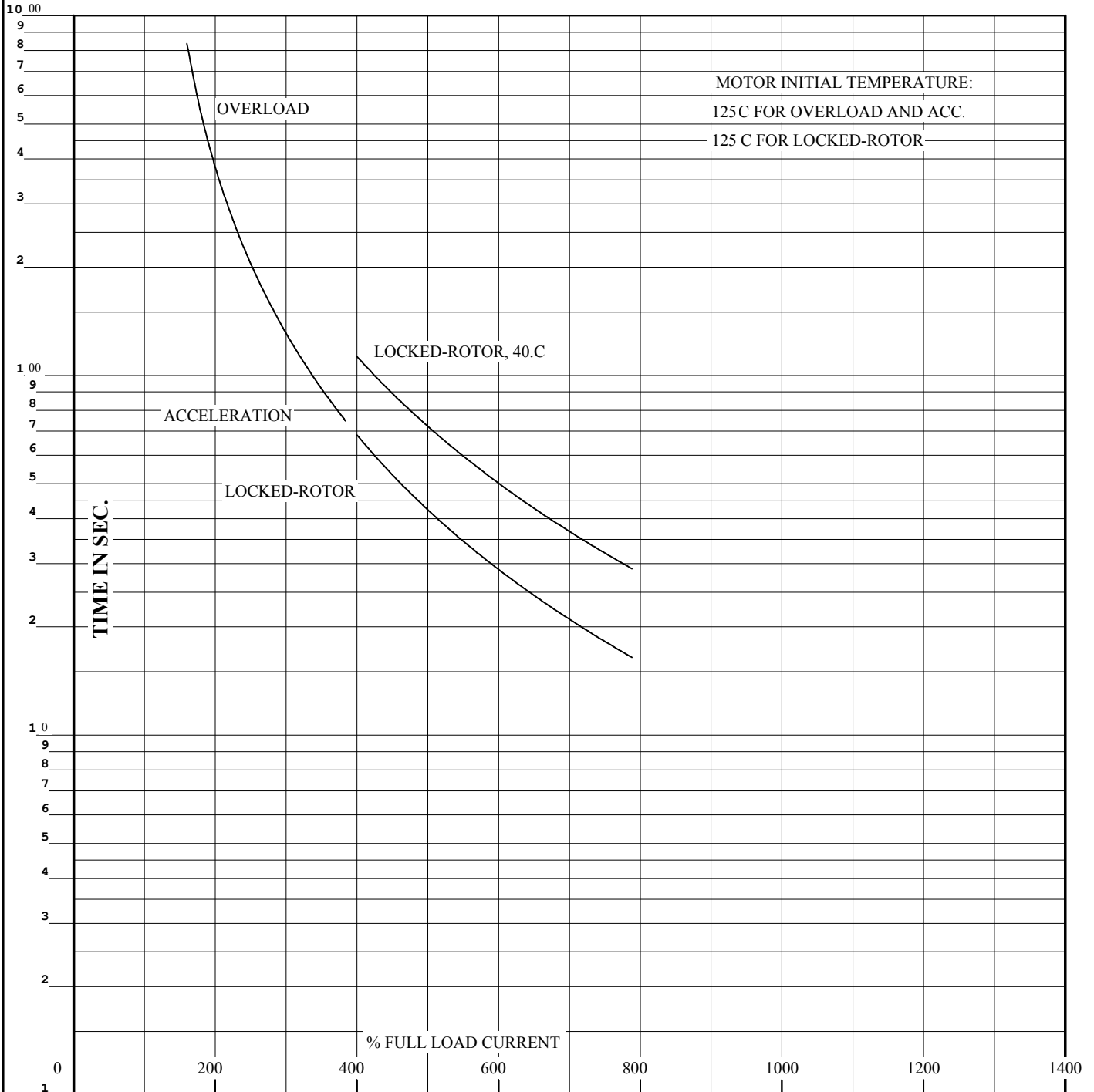
ROTOR 418141038ZE

TEST S.O. TYPICAL DATA

TEST DATE ---

STATOR RES. @ 25 °C .0208/.0832

OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

REMARKS:

NEMA PREMIUM - 95.0 PCT NOMINAL EFFICIENCY

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