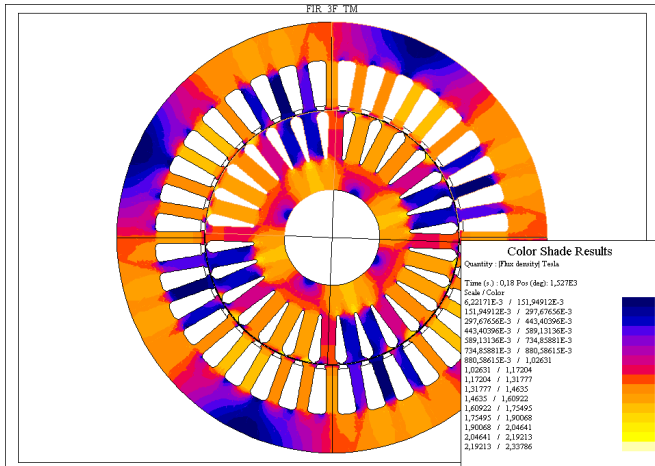
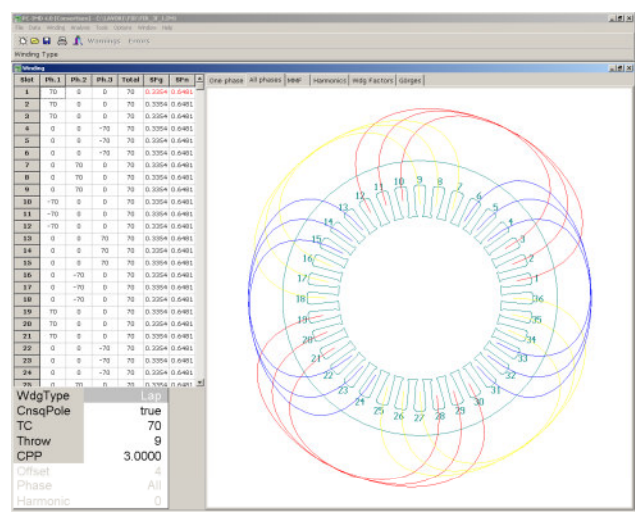
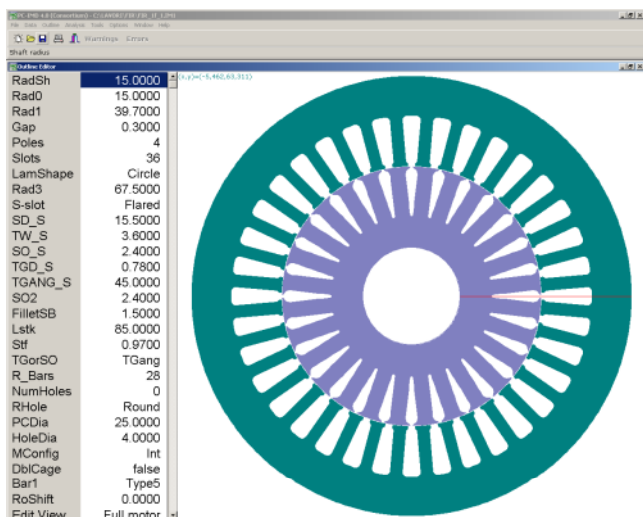
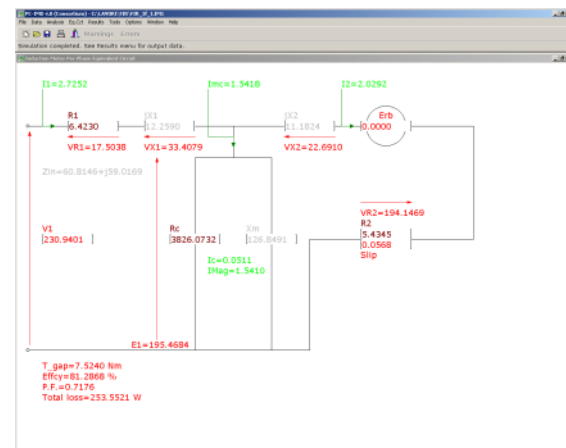
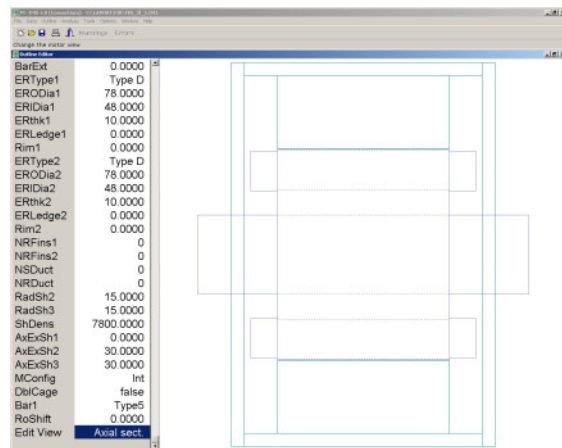
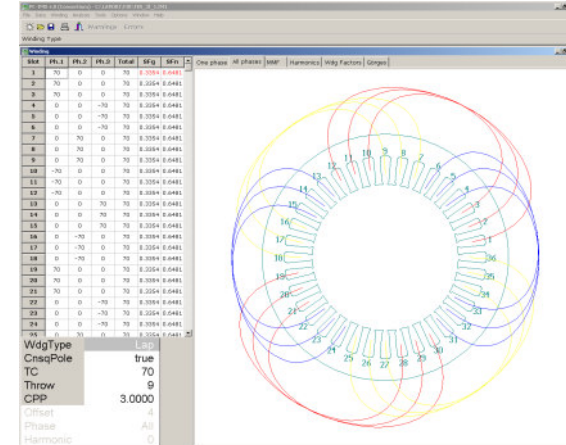
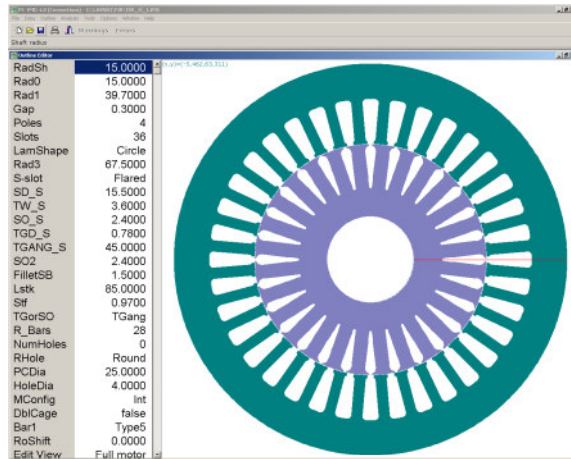


Analisi di motore ad induzione trifase e monofase per lavastoviglie e forni mediante i programmi **SPEED** e **FLUX**



Simulazione con **SPEED**



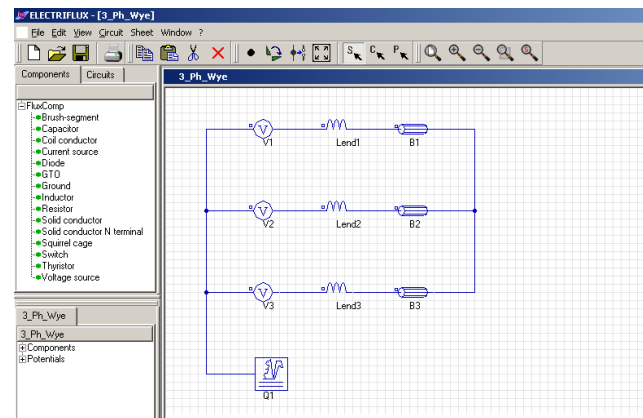
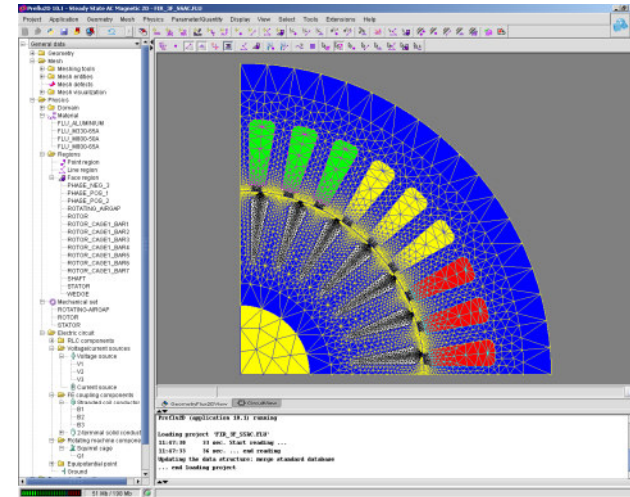
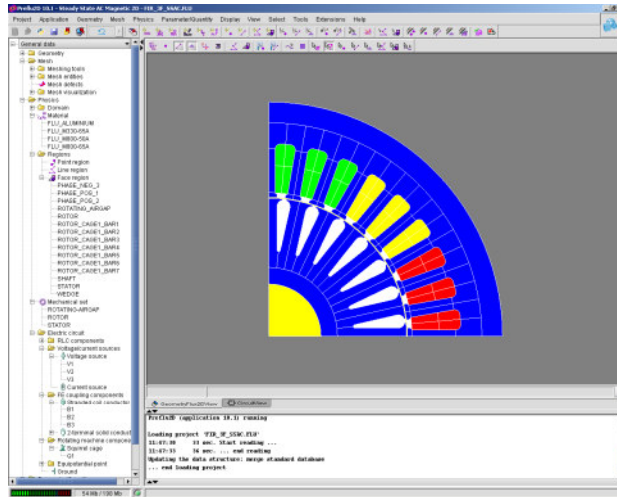
Simulazione con **SPEED**



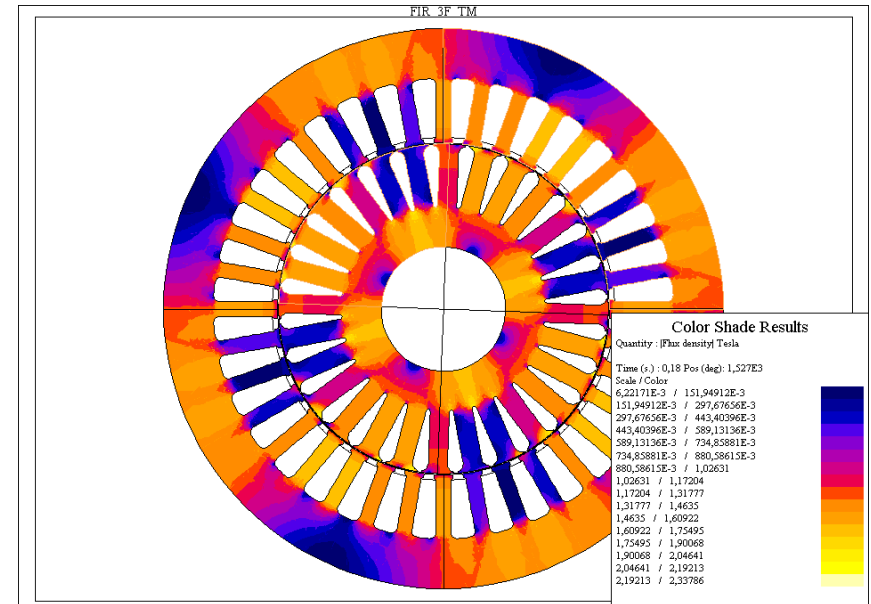
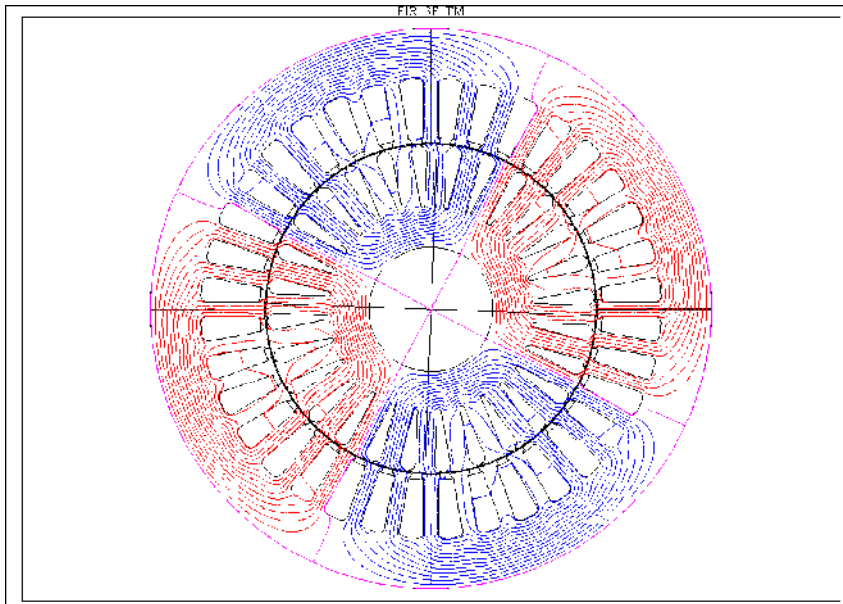
- alimentazione: **400 Vrms – 50 Hz**
- velocità: **1414,8 rpm**
- scorrimento: **5,7%**
- coppia: **7,42 N.m**
- potenza out: **1100 W (p.to lavoro)**

- potenza in: **1355,7 W**
- rendimento: **81,1%**
- corrente linea: **2,7 Arms**

Simulazione transient-magnetic con Flux2D

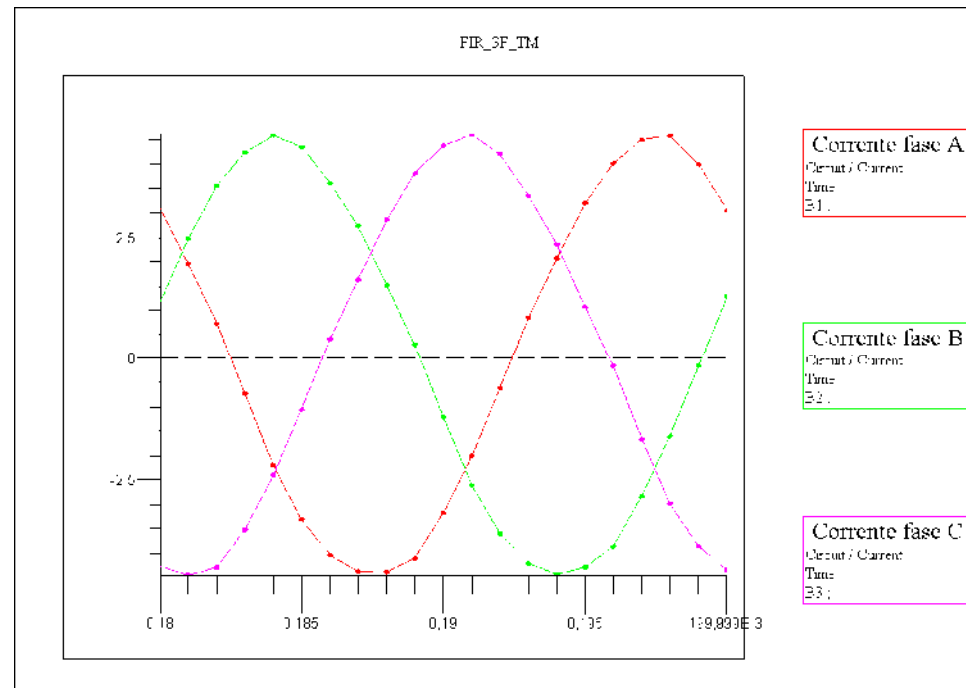


Simulazione *transient-magnetic* con **Flux2D** velocità: 1414,8 rpm

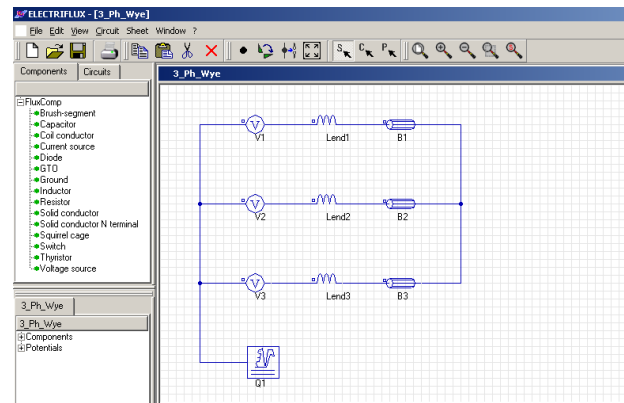
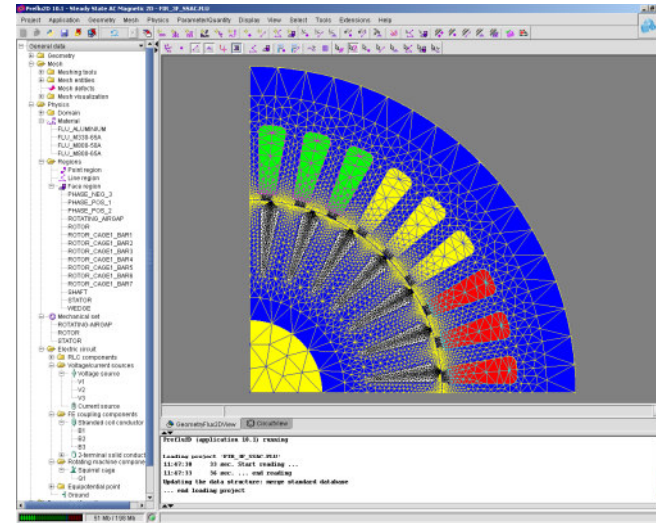
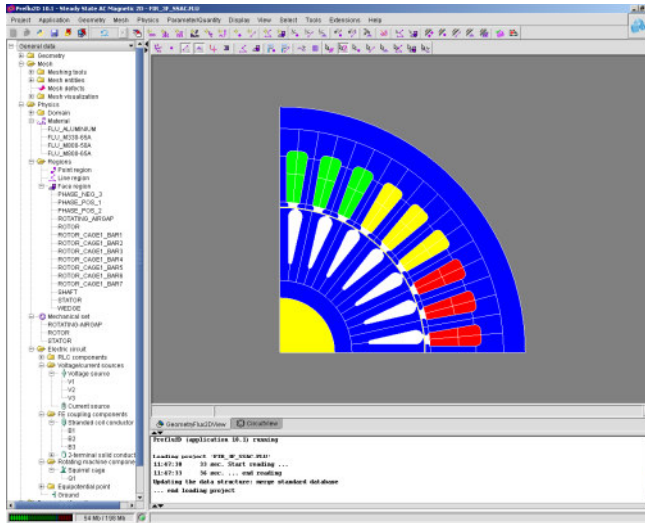


Coppia: 7,31N.m

Simulazione *transient-magnetic* con Flux2D velocità: 1414,8 rpm

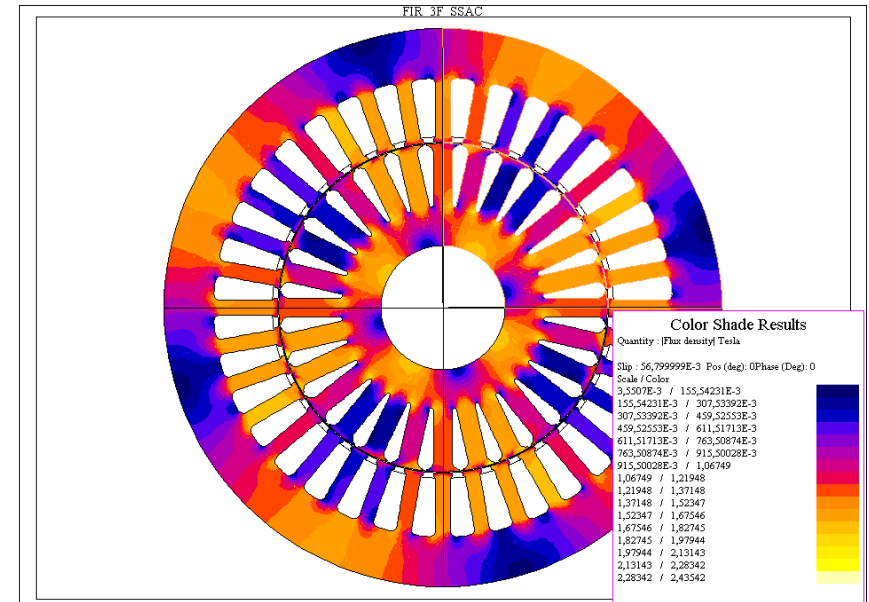


Simulazione *steady-state* con Flux2D



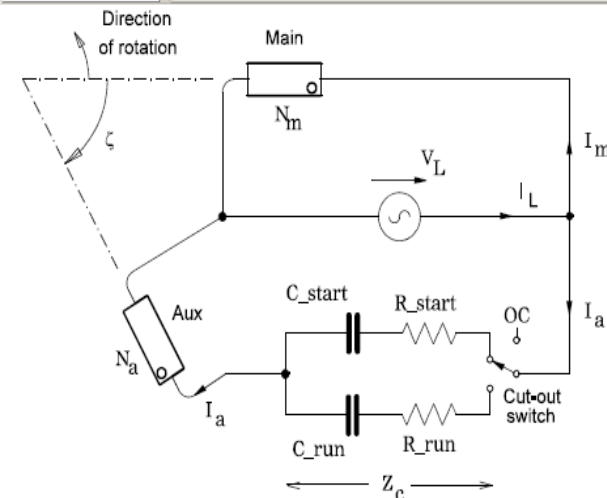
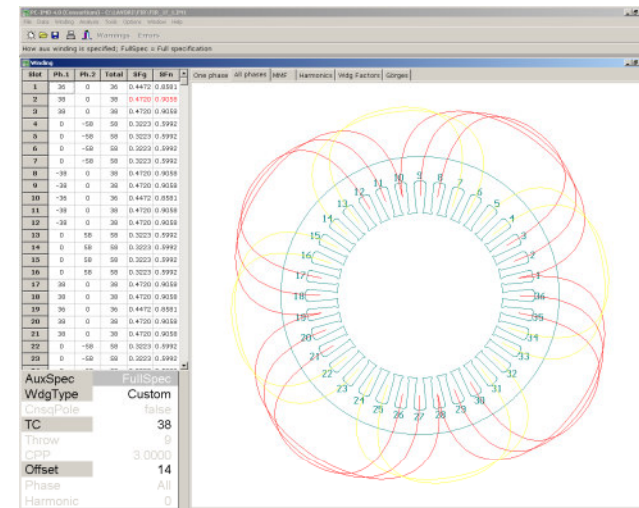
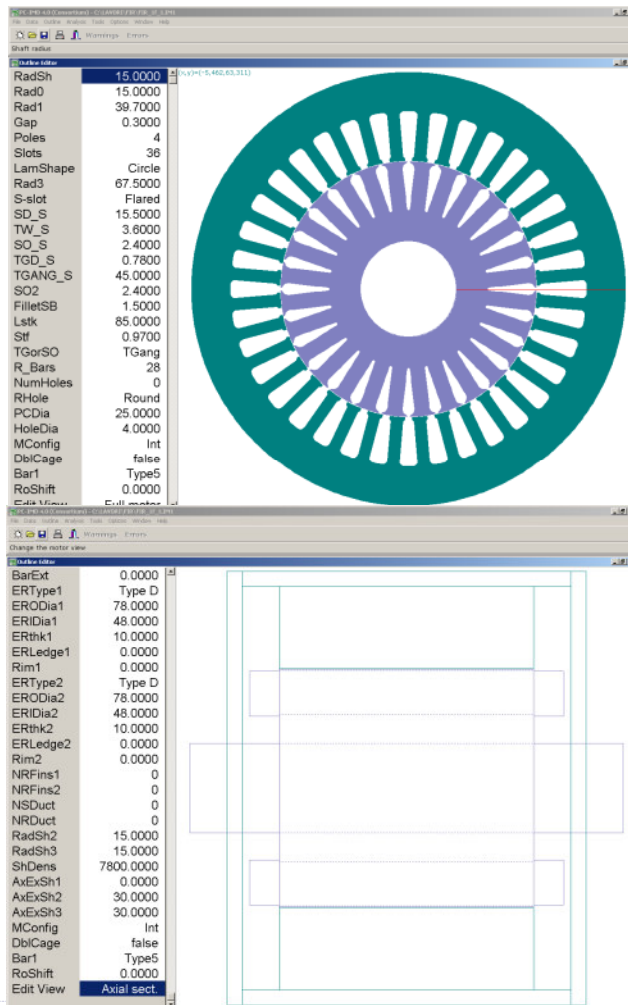
Simulazione *steady-state* con Flux2D

scorrimento: 5,7%

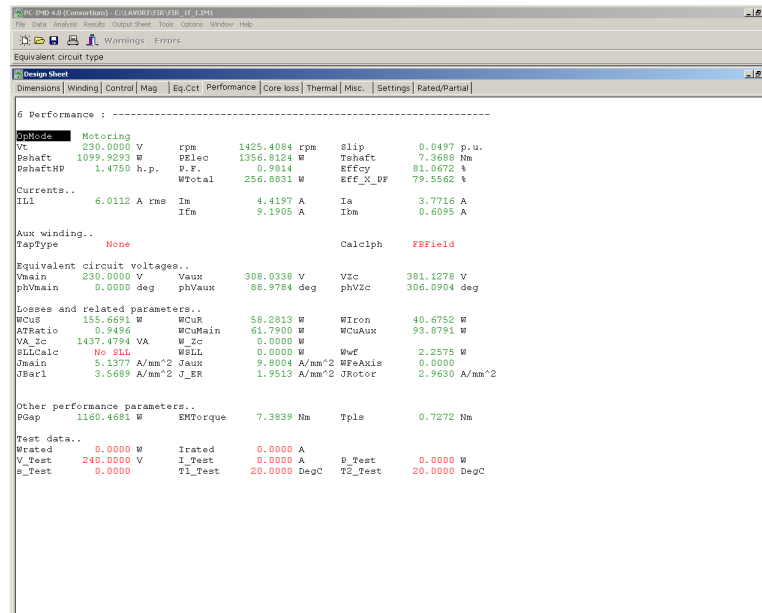


- coppia: **6,96 N.m**
- corrente linea: **3,4 Arms**

Simulazione di motore ad induzione monofase con condensatore permanente



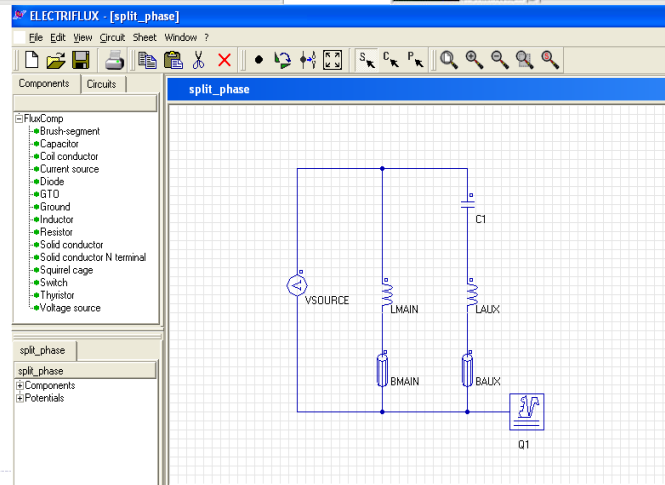
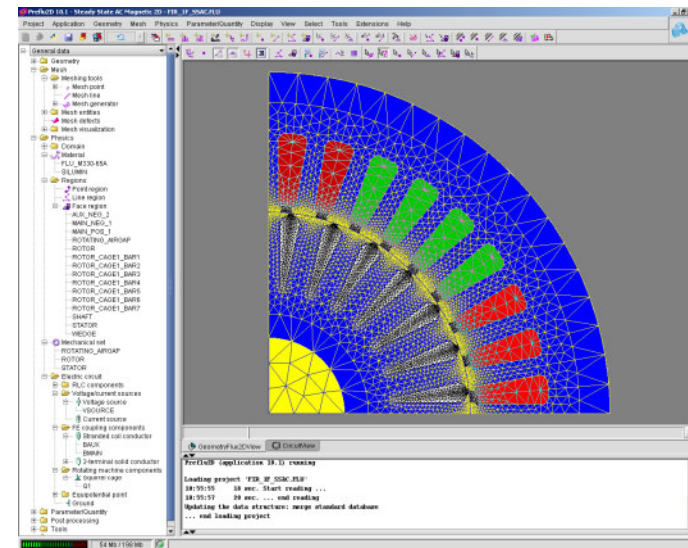
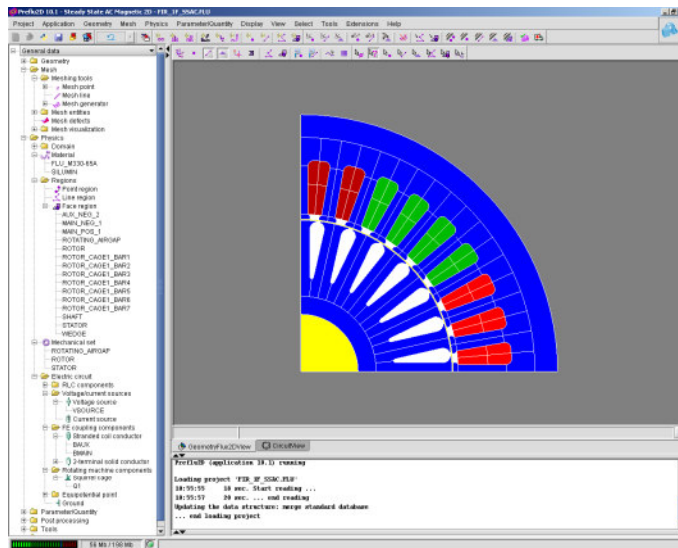
Simulazione con **SPEED**



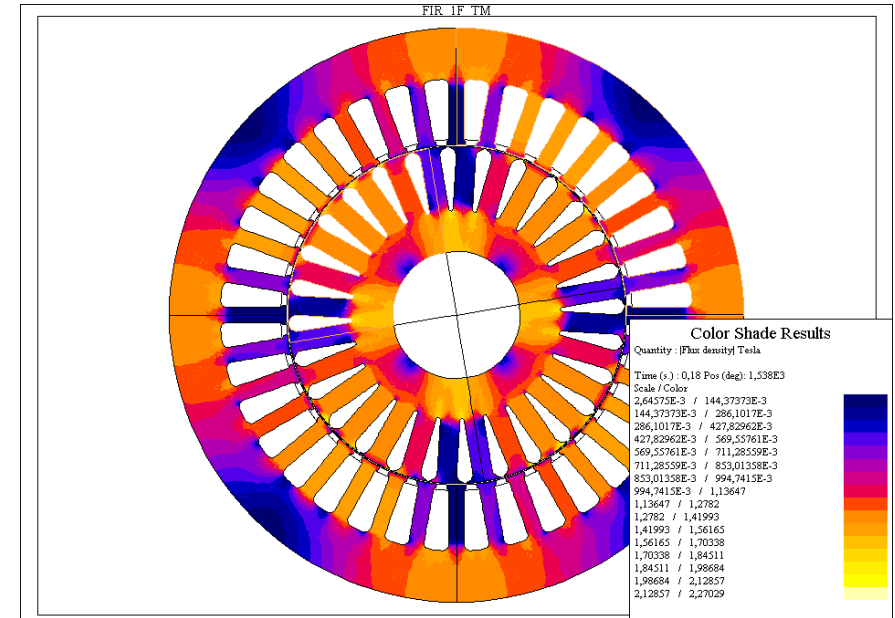
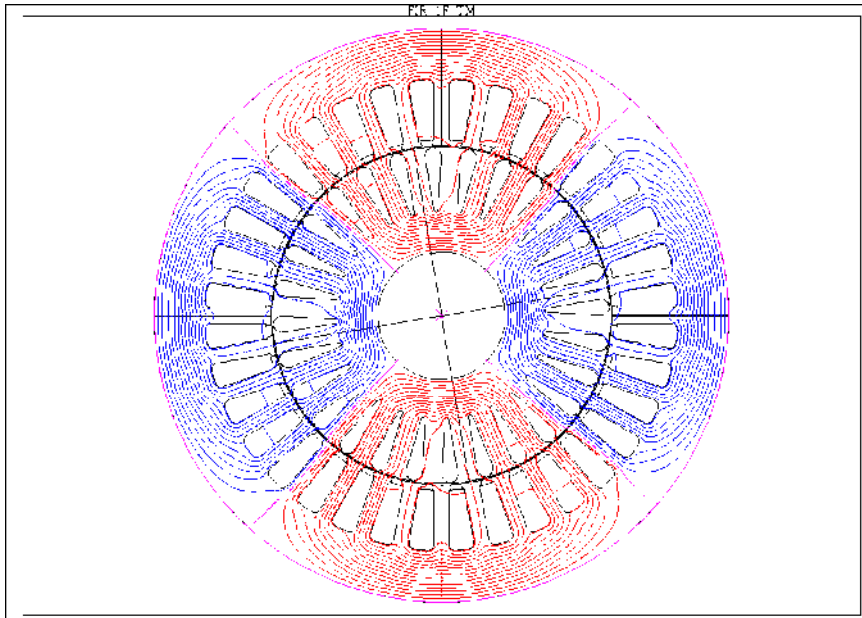
- alimentazione: **230 Vrms – 50 Hz**
- velocità: **1425,4 rpm**
- scorrimento: **5,0%**
- coppia: **7,37 N.m**
- potenza out: **1100 W (p.to lavoro)**

- potenza in: **1356,8 W**
- rendimento: **81,1%**
- corrente linea: **6,0 Arms**
- corrente main: **4,4 Arms**
- corrente aux: **3,8 Arms**

Simulazione transient-magnetic con Flux2D

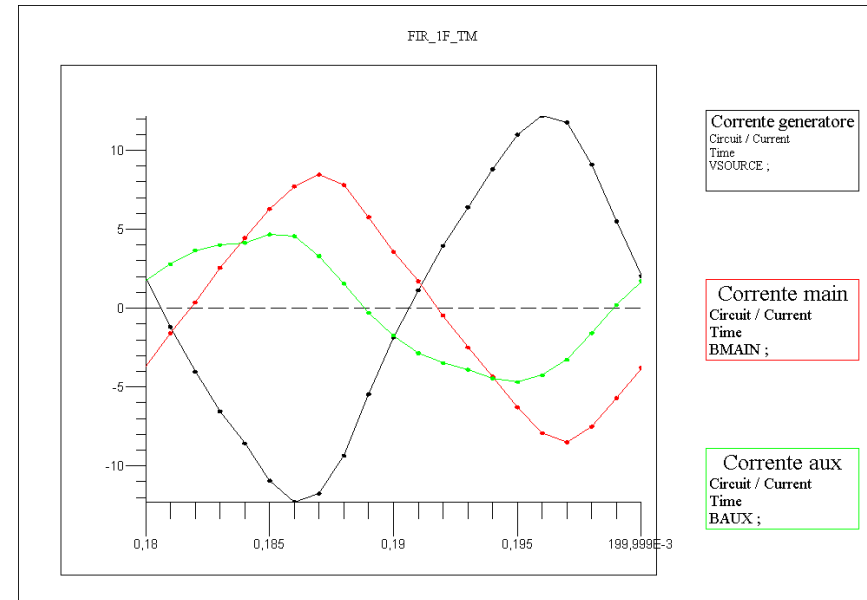
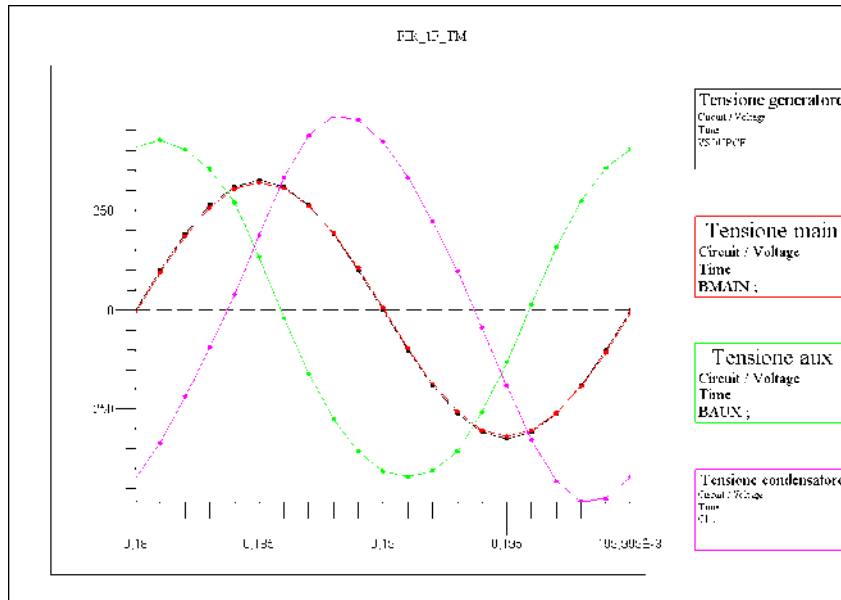


Simulazione *transient-magnetic* con Flux2D velocità: 1425,4 rpm

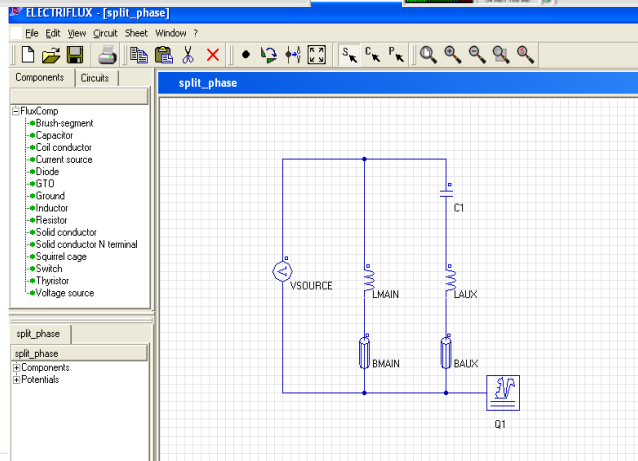
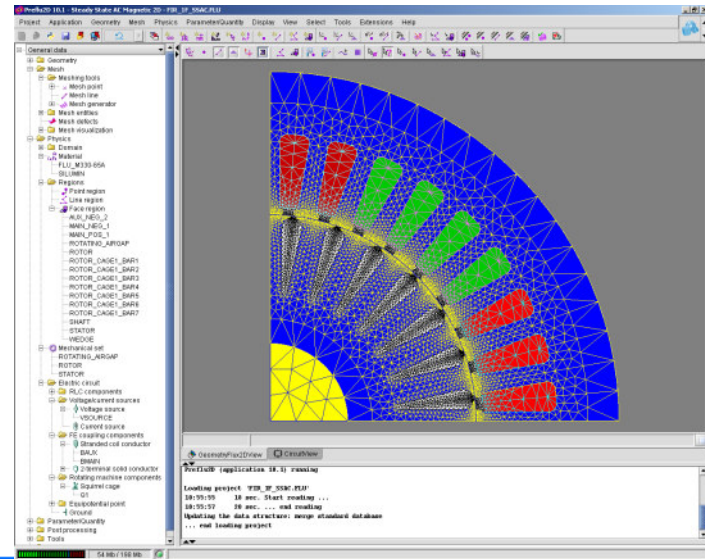
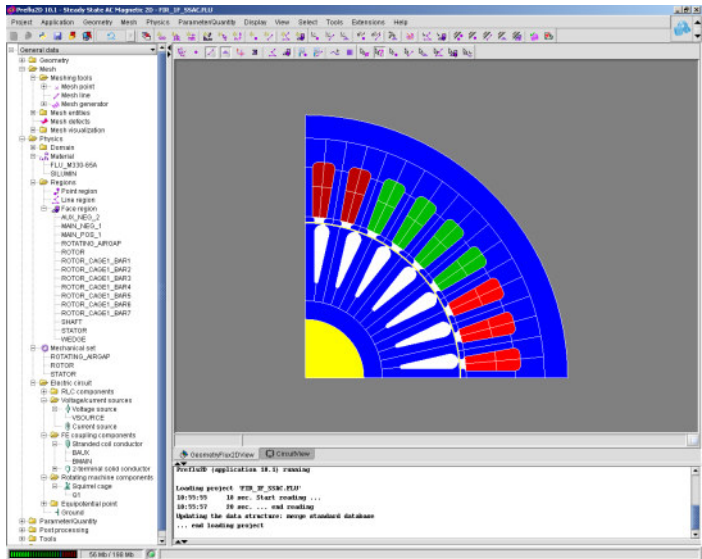


Coppia: 7,49 N.m

Simulazione *transient-magnetic* con Flux2D velocità: 1425,4 rpm

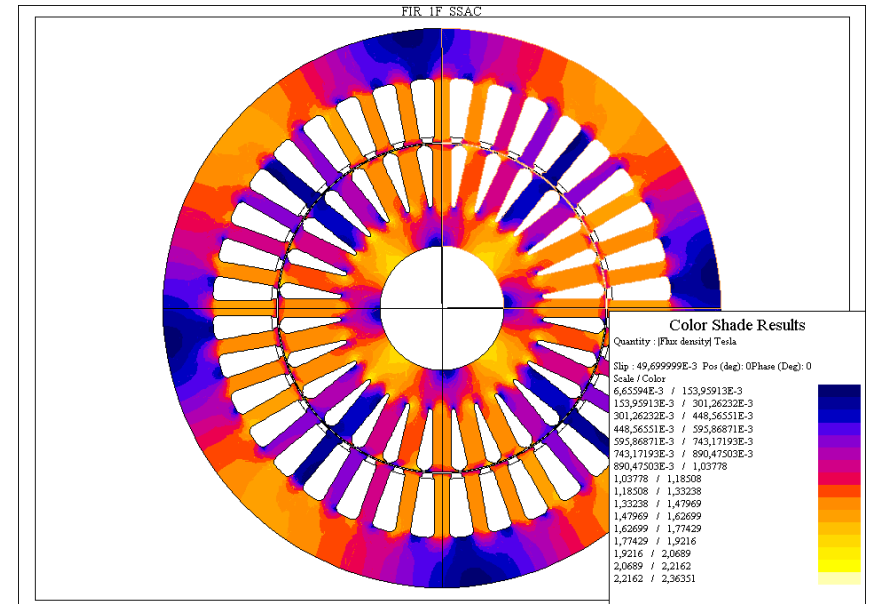
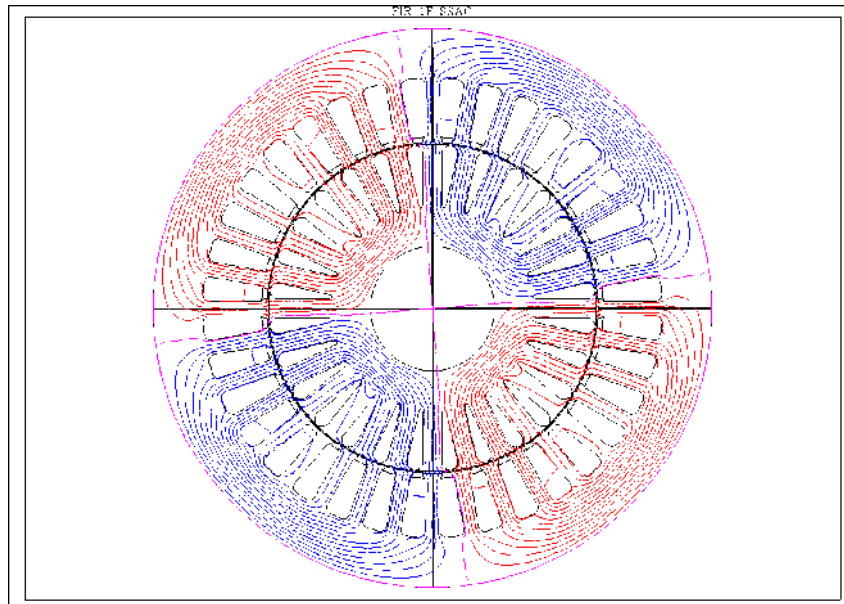


Simulazione *steady-state* con Flux2D



Simulazione *steady-state* con Flux2D

scorrimento: 5,0%



- coppia: **7,59 N.m**
- corrente linea: **6,2 Arms**
- corrente main: **4,9 Arms**
- corrente aux: **3,9 Arms**