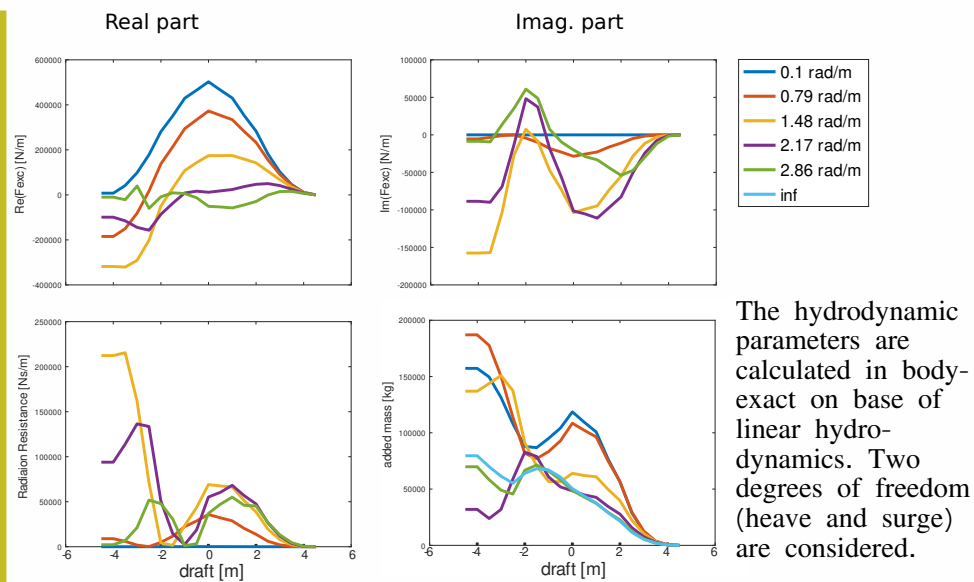


The COERbuoy1 model

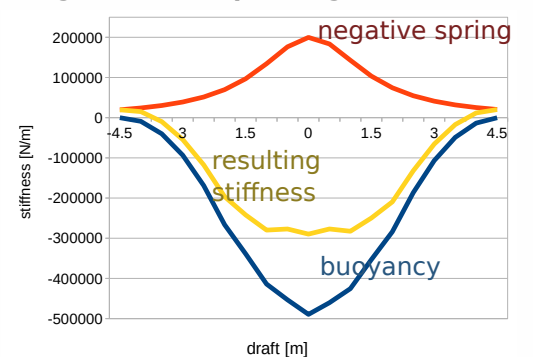
Hydrodynamic parameters



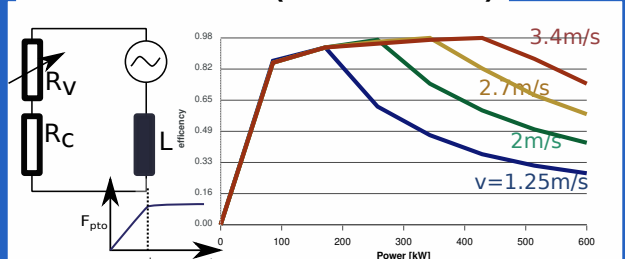
Friction brake (Actuator)

The friction brake can absorb energy, without transferring into electric energy. The maximum absorbable power is limited to 100 kW.

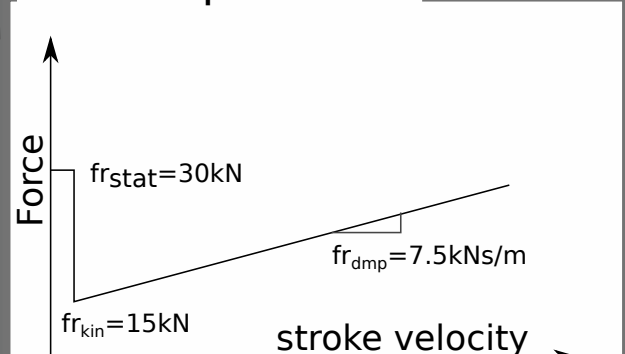
Negative spring/stiffness



Generator (Actuator)



Stick-slip-friction



$m = 21 \text{ t}$

4.5 m

Stroke length: 7 m

1.85 m

41 kN

20 m

$\pm 15^\circ$