

Hopsan

File Edit Tools Simulation Import Export View Help

X= X= PDF PNG S-fn SIT FMU FMU 0 :: 0.001 :: 3

1 Component Library

- Connectivity
- Electric
- Hydraulic
 - LinearActuators
 - MachineParts
 - Pumps&Motors
 - Restrictors
 - Sensors
 - Sources&Sinks
 - Special
 - Valves
 - Volumes&Lines
- Mechanic
- Pneumatic

Check Valve

2

3

4

5

6

Hide

Terminal

```
[13:44:25] Info: Loading model: C:/Users/10001/Desktop/Hopsan/hydraulikguidentest
[13:44:25] Info: In hydraulikguidentest; Using single-threaded algorithm.
[13:44:25] Info: Simulated 'hydraulikguidentest' successfully! Initialization time: 7 ms, Simulation
time: 5 ms
>>
```

Clear Messages Abort Script

Python Console Terminal

The screenshot displays the Hopsan software interface. On the left, the 'Component Library' (1) lists various hydraulic components like 'Valves' and 'Pumps&Motors'. The main simulation area (2) shows a hydraulic circuit with a pump, a valve, and a cylinder. The simulation parameters (4) are set to 0, 0.001, and 3. The simulation controls (5) include a green play button and a red stop button. The simulation results (6) are shown as a graph of pressure over time. The terminal (3) displays the simulation log, indicating successful execution.