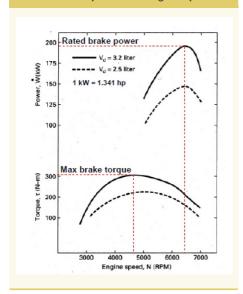
## ICE theory Cheat Sheet

by nhuvaynhe via cheatography.com/157527/cs/35000/

## Power and Torque versus Engine Speed



## **Maximum BMEP**

- The maximum bmep is obtained at wide open throttle at a particular engine speed
- Closing the throttle decreases the bmep
- For a given displacement, a higher maximum bmep means more torque
- For a given torque, a higher maximum bmep means smaller engine
- Higher maximum bmep means higher stresses and temperatures in the engine hence shorter engine life, or bulkier engine.
- For the same bmep 2-strokes have almost twice the power of 4-stroke



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