



DIESEL
ENGINE

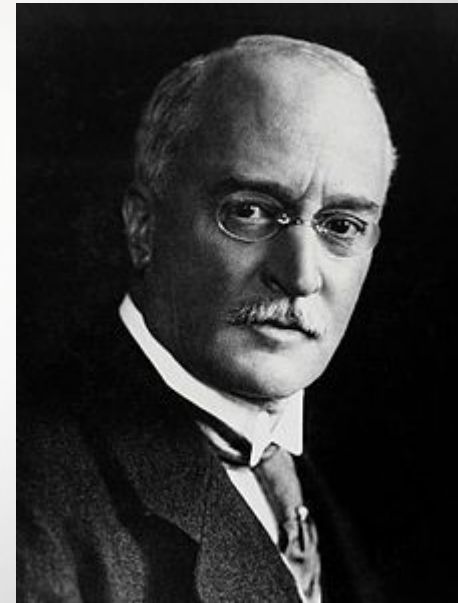
INVENTION

Boris
VIII.B

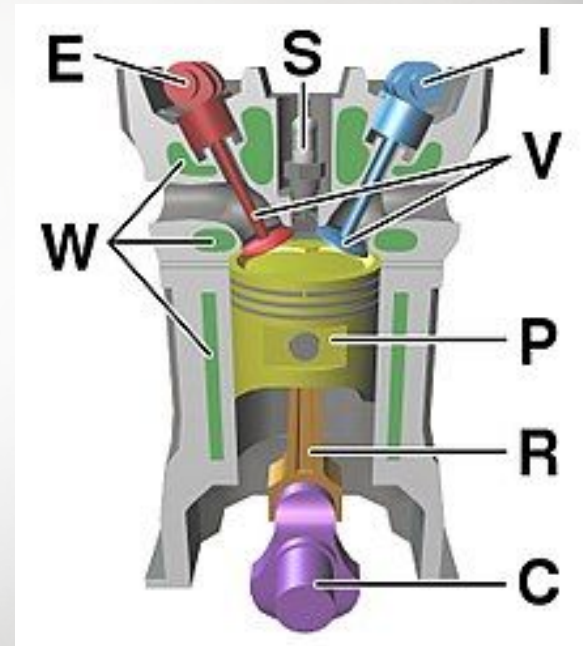
- ◆ Diesel engine is named after German inventor **Rudolf Christian Karl Diesel**

- ◆ * 18 March 1858 Paris – France

- ◆ † 29 September 1913 English channel



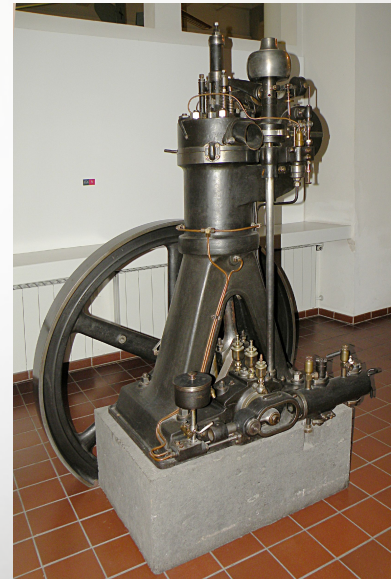
- ❖ Diesel engine is an **internal combustion engine** in which **ignition** of the **fuel** is caused by the elevated temperature of the air in the cylinder due to mechanical compression. And that's why Diesel engine is called compression-ignition engine (CI engine)



This is the diesel engine how we know



And this is the first diesel engine





◆ **TIMELINE**

- ◆ 1893 – Rudolf Diesel's essay titled **Theory and Construction of a Rational Heat Motor**
- ◆ 1896 – October 6, the third and final prototype engine is completed

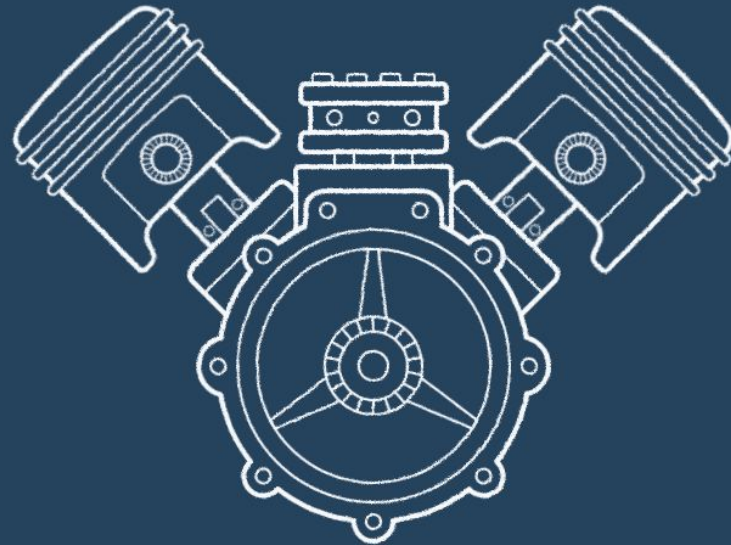
- ◆ 1897 – February 1, Diesel's prototype engine is running and finally ready for efficiency testing and production
- ◆ 1897 – October 9 Adolphus Busch licenses rights to the diesel engine for the US and CANADA.
- ◆ 1897 – 29 October, Rudolf Diesel obtains a patent (DRP 95680) on supercharging the diesel engine.

QUIZ

- ❖ 1. Which nationality was Rudolf Diesel?
- ❖ German
- ❖ 2. Where did Rudolf Diesel was borned? (country and city)
- ❖ Paris – France
- ❖ 3. Where did Rudolf Diesel died?
- ❖ English channel
- ❖
- ❖
- ❖ 4. When did he obtains patent? (year)
- ❖ 1893
- ❖ 5. What was the name of the patent?
- ❖ DRP 95680
- ❖

WHAT I USED TO GATHER INFORMATION

- ◆ My books at home
- ◆ History book
- ◆ Technic book



❖ **Thanks for your attention hope u learned something new :)**

