Weight → Components

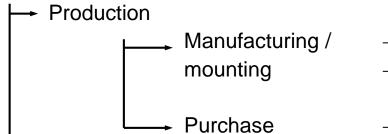
static masses

→ dynamically driven masses

Total weight according DIN 70020-7

- → Crankcase, cylinder head, ...
- → Rotating / oscillating masses in crank and valve train

<u>Costs</u>



- → Engine family compatibility / existing manufacturing tools
- → Identical component requirements/ mounting effort / manufacturing complexity
- → Determination of suppliers

Fffort for

Costs for prototype production, component and prototype testing

→ Effort for CAE and organization

Special issues

- → Temperature limits for hot / cold start
- Overspeed protection

Development

- ► Thermoshock resistance
- Mounting position (slew check)