



**Subsonic**  $M < 1$

**Supersonic**  $M > 1$

subsonic diffuser

$$du < 0$$

$$dp > 0$$

supersonic nozzle

$$du > 0$$

$$dp < 0$$

subsonic nozzle

$$du > 0$$

$$dp < 0$$

supersonic diffuser

$$du < 0$$

$$dp > 0$$