

Hydrogen injector for direct injection

For full functionality in various applications



- New hydrogen injector for direct injection
- It ensures very stable shot-shot variation also with small injection timings
- To ensure functionality over lifetime, the hydrogen injector for direct injection is equipped with an innovative design to minimize wear
- The layout ensures the full functionality in a wide pressure range

Up to

17 g H₂/s

static flow rate @ 40 bar inlet pressure

Robust

design

to meet the requirements of hydrogen engine applications

Hydrogen injection rail

Ensures a robust H₂ distribution in a variety of powertrains



- Integration of temperature and pressure sensor
- Advanced dimensioning to enable minimized pressure losses and optimized pressure flow
- Robust and standardized H₂ sealing and mounting interfaces
- Usage of proven H₂ compatible materials to ensure highest quality

Scalable
design

to enable different package requirements

Up to
**15 bar (PFI) /
40 bar (DI)**

nominal working pressure