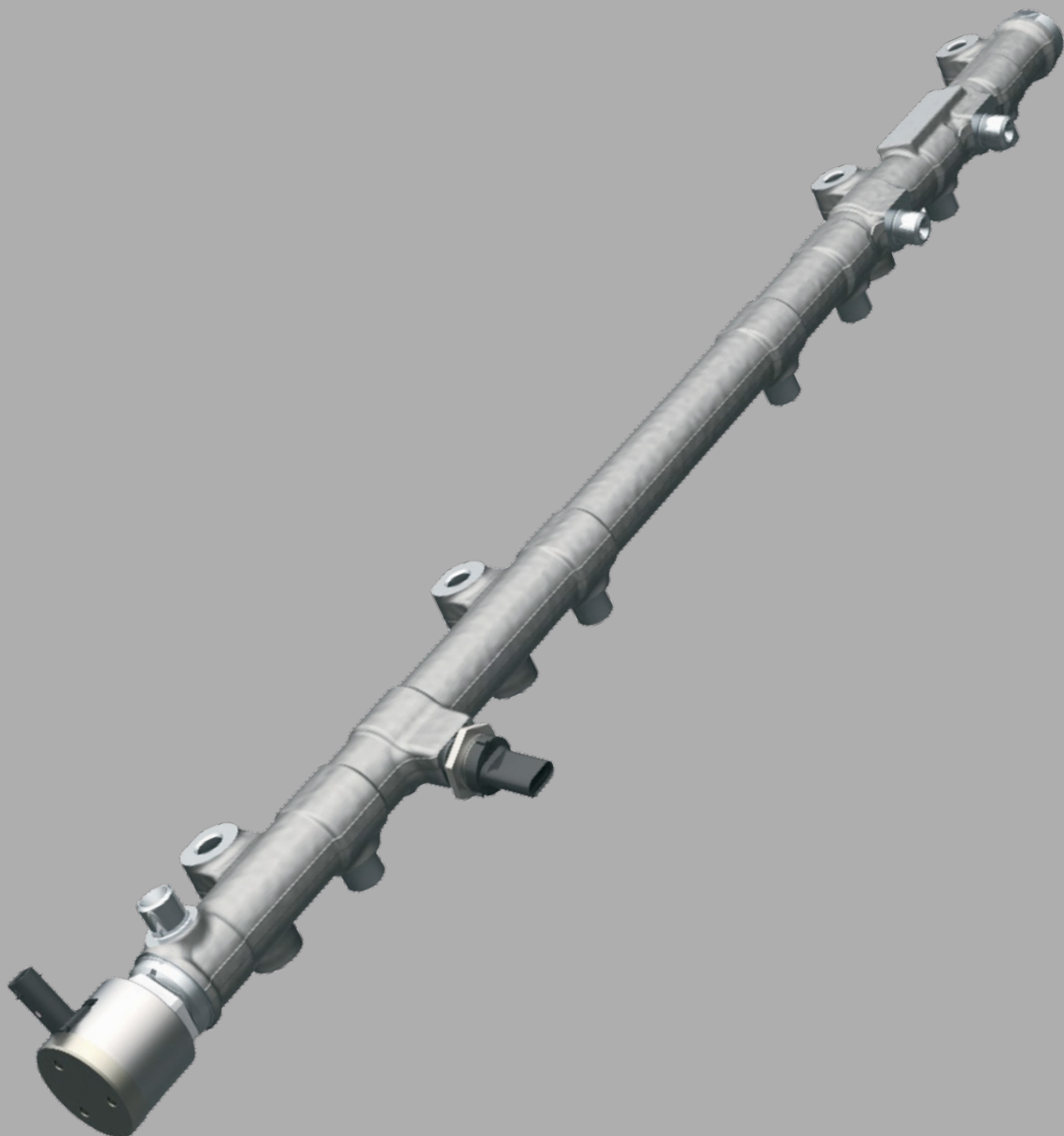


Delphi

Explore our technologies

COMMON RAIL ASSEMBLY

For Commercial Vehicles Diesel Fuel Systems

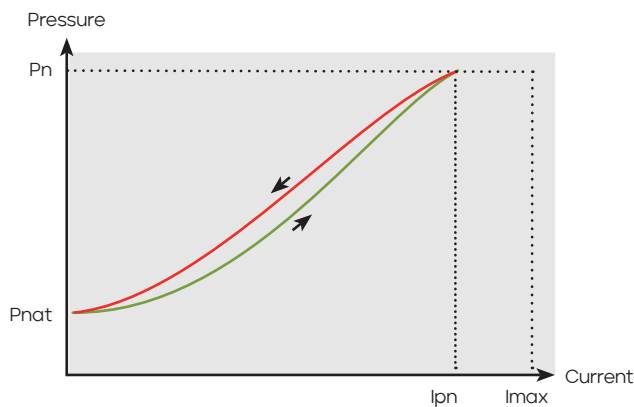


Explore our technologies

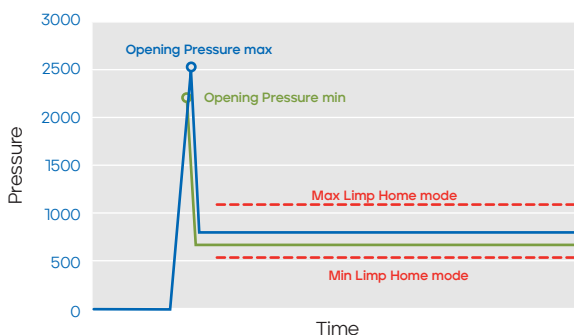
COMMON RAIL ASSEMBLY

Versatile product portfolio to up to 16L heavy duty vehicles and 3,000bar operating systems

High Pressure Valve Characteristic Curve



Limp Home Pressure Regulating Valve Characteristic Curve



Features & Benefits

- Single monolithic forged rail body design and flexible product configuration based on customer needs for rail body coatings, high & low pressure connection interfaces
- Directly Microdrilled damping orifices for calibrated flow
- Ability to meet customer specific requirements for P_{nat} High Pressure Solenoid valve / Mechanical Pressure Limiting Valve (Limp home) & High Pressure Sensor compatible with under rocker cover applications with various electrical connector options for 2,500+ bar systems

Performance

- Manufacturing capability proven up to 3,000 bar system pressure
- Fatigue reliability validated for infinite life, functional reliability validated up to 1.6M km
- CNG / diesel hybrid applications for 350bar also industrialized since 2018
- In serial production since 2020 end for various markets (US /EU/CN)