

Delphi

Explore our technologies

COMMON RAIL ASSEMBLY

For Medium Duty Commercial Vehicle Diesel Fuel Systems

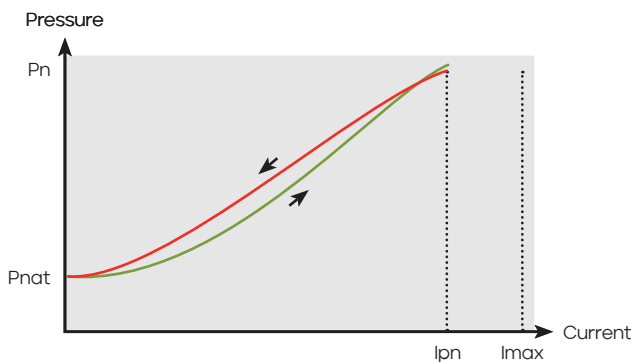


Explore our technologies

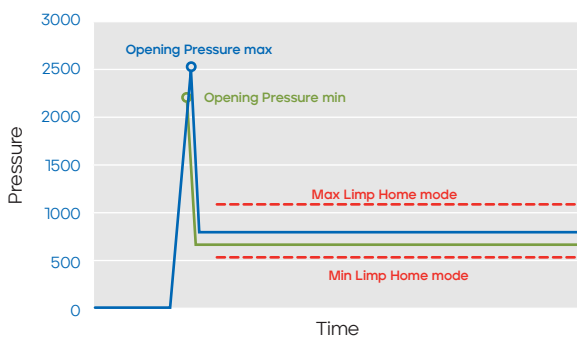
COMMON RAIL ASSEMBLY

Versatile product portfolio to cover diesel engine range from 1,800–2,500bar applications

Pnat 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 different rail body coatings, high & low pressure connection interfaces
- Directly Microdrilled damping orifices for calibrated flow
- Ability to meet customer specific requirements for Pnat High Pressure Solenoid valve, Mechanical Pressure Limiting Valve (Std / Limp home) & High Pressure Sensor with various electrical connector options for 2,500+bar systems

Performance

- Fatigue reliability validated for infinite life for 2,500 bar systems, functional reliability validated up to 800,000 km
- In serial production for 2,000bar since 2013 for various markets (EU, CN, India)