



Up to 3,000 Bar

High Pressure DCR Fuel Injector

BENEFITS

Up to 3,000 Bar Injection Pressure
Modular Design for Easy Integration
Ultra-Fast Response Times
Wide Application Range

Easily Adaptable from Passenger Car
up to Off High-Way Applications
Diesel, Biofuel, and Alternative Fuels
Flexible Design



**Low
Emissions**



**Flexible
Design**



**Numerous
Engine Applications**

Diesel engines continue to be the reliable, robust, efficient workhorse for marine, commercial, and on-and off-highway vehicles, as well as power generation, around the world. Our up-to-3,000 bar diesel common rail (DCR-I) fuel delivery system enable very fine fuel atomization for further reductions in emissions.

**ENABLING CLEAN PROPULSION THROUGH
ENGINE INNOVATION**

+1.860.525.0821 | marketing@stanadyne.com | www.stanadyne.com

TECHNICAL SPECS

GENERAL

Operating Pressure	Up to 3,000 bar
Flow	Adjustable to customer need
Min. Operation Voltage	9 V
Interface	Customizable
Min Dwell Time	200 μ sec
Max. Injections	7x

REQUIREMENTS

Operating Pressure	Up to 3,000 bar
Flow	Adjustable to customer need
Min. Operation Voltage	9 V
Interface	Customizable
Min Dwell Time	200 μ sec
Max. Injections	7x

UNIQUE FEATURES



INJECTION SPEED

- Fast needle opening and closing
- Multiple injections: up to 7 times
- Minimum dwell time as short as 200 μ sec.

INJECTOR SIZE

- Flexible injector shaft design down to 17 mm to accommodate passenger vehicles, as well as heavy duty, commercial, and off-highway applications

MODULAR DESIGN

- Modular design to allow differences in height and connector orientation

PATENT PENDING