

RDI-2XX

Racing GDI Injector
Up to 20 MPa

Description

RDI-2XX injector has been developed to meet the market requirements for a cost effective injector for high performance racing injection systems.

It is available in basic configuration or customized in spray shape and flow rate and can be selected in narrow precision classes.

Injectors available for normal or deep installation.

Main Features

- Delivery pressure range 0.4 to 20 MPa
- Static flow range (@ 20 MPa) up to 24 g/s
- Spray pattern multihole
- Driver Peak & Hold 15 – 2.5 A

Benefits

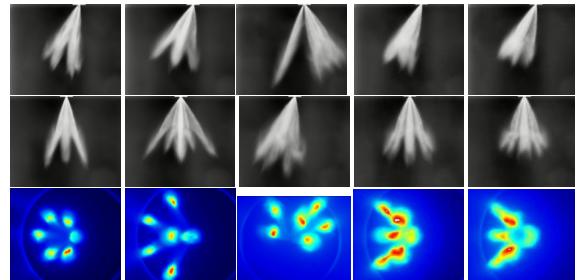
- High speed solenoid actuator
- Suitable for multiple injections
- World wide fuel compliance
- Short length for side mounting
- Possible central or deep assembling with extension
- Customizable spray pattern
- High precision
- Suitable for flex fuel (Ethanol)
- Small dimension & weight



Typical Applications

In circuit and rallies application

Typical Performance



INJECTORS

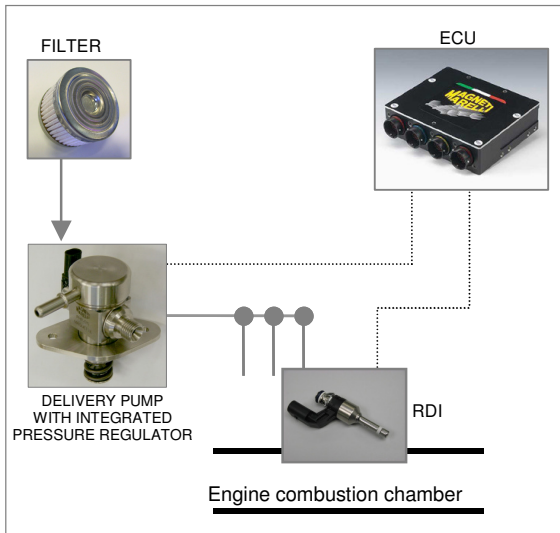
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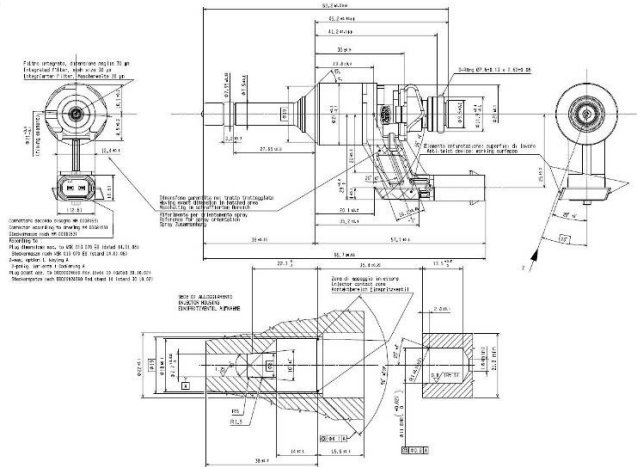
Technical Characteristics

Delivery pressure range	0.4 to 20	MPa
Resistance	1.9	Ω
Inductance.....	1.8	mH
Static flow range (@ 20 MPa).....	up to 24	g/s
Driver current	15 - 2.5	A
Spray angle.....	ask for details	
Post injection.....	Bouncing free	
Power supply.....	12	V
Operating temperature range	-20 to 120	$^{\circ}\text{C}$
Connector type.....	flying or MLK	
Weight.....	80	g

Application Schematics



Dimensions



Dimensions in millimetres

RDI Family

For more information regarding the spray shape, please contact us.

Injector	RDI201	RDI202	RDI203	RDI204	RDI205	RDI206	RDI207	RDI208	RDI209	RDI210	RDI211	RDI212	RDI213	RDI214	RDI215	RDI216	RDI217		
Nominal pressure	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	MPa
Static flow rate	23.2	23.1	23.1	23.1	23.1	24.0	24.5	16.8	23.1	18.0	18.0	19.5	19.5	17.3	25.0	25.0	23.6		g/s

For further information, please contact:



Magneti Marelli S.p.A.
Motorsport
Viale Aldo Borletti, 61/63
20011 Corbetta (Milano) Italy

Tel. +39 02 972 27 478
Fax +39 02 972 27 570
sales@magnetimarelli.com
http://www.magnetimarelli.com

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page 2 of 2

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