

Responsible

D&W Diesel
1503 Clark St. Rd.
13021

Tel.: 315-253-5300
Fax: 315-282-0031
Email:

Checker:

Customer data

Tel.:
Fax:
Email:

Customer no.:

Common rail injector

Type number: 0445115077
Manufacturer: Bosch
Actuation profile: ----
Description: CRI 3-16

Measurement results

Serial number: 1

	Set value	Actual value	Evaluation
ISA code	H	H	✓
Actuator resistance	170 - 200kΩ	192.5kΩ	✓

Test step	Actuation time (μs)	Pressure (MPa)	Measurement time (s)	Injected fuel quantity		Return quantity		Evaluation
				Set value (mm³/H)	Actual value (mm³/H)	Set value (mm³/H)	Actual value (mm³/H)	
Leak test	0	160	60	--- ± ---	---	--- ± ---	---	✓
Start test	2500	30	10	65.0 ± 35.0	83.43	--- ± ---	---	✓
Back pressure	2500	30	40	--- ± ---	81.55	--- ± ---	---	
ISA detection	700	160	40	5.0 ± 5.0	3.36	--- ± ---	---	✓
VL	555	160	10	46.5 ± 6.5	47.50	11.0 ± 4.0	10.98	✓
VE	175	120	10	1.9 ± 1.5	1.57	--- ± ---	---	✓
LL	490	30	10	3.8 ± 2.7	3.82	--- ± ---	---	✓
EM	490	80	10	19.1 ± 4.3	19.84	--- ± ---	---	✓

Serial number: 2

	Set value	Actual value	Evaluation
Actuator resistance	170 - 200kΩ	192.5kΩ	✓

Test step	Actuation time (μs)	Pressure (MPa)	Measurement time (s)	Injected fuel quantity		Return quantity		Evaluation
				Set value (mm³/H)	Actual value (mm³/H)	Set value (mm³/H)	Actual value (mm³/H)	
Leak test	0	160	60	--- ± ---	---	--- ± ---	714.47	✗
Start test	2500	30	10	65.0 ± 35.0	---	--- ± ---	---	
Back pressure	2500	30	40	--- ± ---	---	--- ± ---	---	
ISA detection	700	160	40	5.0 ± 5.0	---	--- ± ---	---	
VL	555	160	10	46.5 ± 6.5	---	11.0 ± 4.0	---	
VE	175	120	10	1.9 ± 1.5	---	--- ± ---	---	
LL	490	30	10	3.8 ± 2.7	---	--- ± ---	---	