

BOSCH INJECTION PUMP TEST SPECIFICATIONS

ELECTRICAL TEST

Observe notes in remark column	
Test sheet : PSA	Actuator
Date of manufacture : 26.10.1995	Connections 5 and 6
Edition : 26.10.1995	Test temperature: 15°...30°C, ohms : 0.4...1.0
Replaces : ISO 4113	50°...70°C, ohms : 0.45...1.1
Test oil : ISO 4113	Connections 5 and. ground, Mohms min. : 1.0
Injection pump : VE4/10E2150R520	Connections 6 and ground, Mohms min. : 1.0
Type No. : 0 460 404 993	Connections 2 and 6 Mohms min. : 1.0
Customer Ident.No. : 0 460 404 993	Connections 4 and 5 Mohms min. : 1.0
Customer-specific details : PSA	High-pressure compressor sensor
Customer : PSA	Sensor coils
Engine : DK5ATE	Connections 1 and 2 : 4.9...6.5 Ohms
Output Speed : KW : 1/min :	Connections 2 and 3 : 4.9...6.5 Ohms
TEST BENCH PREREQUISITES	Connections 1 and 3 : 9.8...13.0 Ohms
Inlet pressure, bar : 0.30...0.40	Connections 1 and. ground, Mohms min. : 1.0
Calibrating nozzle-holder assembly > : 1 688 901 022	Connections 2 and ground, Mohms min. : 1.0
Opening pressure > bar : 130...133	Connections 3 and ground, Mohms min. : 1.0
Test pressure line : 1 680 750 073	Temperature sensor, fuel
Outer diameter : 6.00	Connections 4 and 7
X wall thickness > : 2.00	Test temperature: 15°...30°C, Kohms : 1.2...4.0
X length > mm : 450	50°...70°C, Kohms : 0.3...1.2
Overflow valve : 2 467 413 009	Connections 4 and ground, Mohms min. : 1.0
Test line : 0 986 612 441	Connections 7 and ground Mohms min. : 1.0
(fuel-delivery actuator): (KDEP 1865/12)	Solenoid valve, start of injection
Test line : 0 986 612 435	Connections 1 and 2
(solenoid valve start of injection): (KDEP 1865/6)	Test temperature : 14.3...17.3
	15°...30°C, ohms : 15.5...21.0
	50°...70°C, ohms : 15.5...21.0
	Starting stop mv : 4120...4650
	Shutoff stop mv : 650...850