

Full-load del. with charge press.:

Speed 1/min: 1500
Charge press. hPa: 1000
Del. quantity cm³/
1000H.: 93,5...94,5
Dispersion cm³/
1000H.: 5,0
1000H.: -

Full-load del. w/out charge press.:

Speed 1/min: 650
Del. quantity cm³/
1000H.: 58,5...59,5

Low-idle speed regulation:

Speed 1/min: 350
Charge press. hPa: -
Del. quantity cm³/
1000H.: 23,0...27,0
Dispersion cm³/
1000H.: 3,5
1000H.: -

Full-load speed regulation:

Speed 1/min: 2100
Charge press. hPa: 1000
Del. quantity cm³/
1000H.: 31,0...37,0

Start:

Speed 1/min: 100
Del. quantity mind.
cm³/1000H.: 100

Inspection-pump test specifications
Test specifications in parentheses

Timing-device characteristic:

1st speed 1/min: 1100
Charge press. hPa: 1000
TD travel mm: 0,9...1,7
mm: (0,6...2,0)
2nd speed 1/min: 1500
Charge press. hPa: 1000
TD travel mm: -
mm: (3,8...5,2)
3rd speed 1/min: 1900
Charge press. hPa: 1000
TD travel mm: 6,1...6,9
mm: (5,8...7,2)

Supply-pump pressure characteristic:

1st speed 1/min: 500
Charge press. hPa: 1000

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Supply-pump
pressure bar: 2,7...3,3
2nd speed 1/min: 1900
Charge press. hPa: 1000
Supply-pump
pressure bar: 7,5...8,1

Overflow quantity at overflow valve:

1st speed 1/min: 700
Charge press. hPa: -
Overflow : 46...83
quantity cm³/10s: (21...98)
2nd speed 1/min: 1900
Charge press. hPa: 1000
Overflow : 55...138
quantity cm³/10s: (40...153)

Delivery-quant. and breakaway char.:

1st speed 1/min: 800
Charge-air pressure-setting
point hPa: 300
LDA stroke mm: 6,4
Del. quantity cm³/
1000H.: (81,3...86,7)
2nd speed 1/min: 2230
Charge press. hPa: 1000
Del. quantity cm³/
1000H.: 0...3,0
3rd speed 1/min: 2100
Charge press. hPa: 1000
Del. quantity cm³/
1000H.: (29,5...38,5)
4th speed 1/min: 2050
Charge press. hPa: 1000
Del. quantity cm³/
1000H.: (67,0...77,0)
1000H.: (67,5...76,5)
5th speed 1/min: 1900
Charge press. hPa: 1000
Del. quantity cm³/
1000H.: (81,0...86,0)
1000H.: (81,8...87,2)
6th speed 1/min: 1500
Charge press. hPa: 1000
Del. quantity cm³/
1000H.: (91,3...96,7)
7th speed 1/min: 1200
Charge press. hPa: 1000
Del. quantity cm³/
1000H.: (97,2...99,8)
1000H.: (95,8...101,2)
8th speed 1/min: 700
Charge press. hPa: 1000
Del. quantity cm³/
1000H.: (96,5...99,5)
1000H.: (94,6...101,4)
9th speed 1/min: 650
Charge press. hPa: -
Del. quantity cm³/
1000H.: (56,3...61,7)

Zero delivery (stop):