

PROPERTY INFORMATION

Engine: 60 200 L

Page: 1/1

TOP COMPONENTS

GENERAL INFORMATION:

No. of cylinders and cylinder arrangement 6 in line, vertical
 Cycle 4 - strokes
 Year 1964
 Model Year 1964
 Model designation (ID) 101-0
 Compression Ratio 8.5
 Ignition 12-V

Output according to DIN 52300 (in kW): rated at

Total/charged and
 uncharged
 (kW) (hp) (rpm)

1 min. power (7 min) 100 135 2400
 1 min. power (7 min) 100 135 2400
 Maximum speed according to DIN 52300 () 70 95 2400

1 min. power (7 min) 100 135 2400
 1 min. power (7 min) 100 135 2400
 Maximum speed according to DIN 52300 () 70 95 2400

Max. operating fuel consumption (g/kWh - rpm) ...

L/min.
 100

Max. torque in 1st engine diagram:

- at 90 °C ambient temperature
 - load to constant 1000 47 100
 - load to charge air cooler 1000 47 100
 - load loss by radiation 1000 47 100
 - load to constant 1000 47 100
- at 40 °C ambient temperature
 - load to constant 1000 54 120
 - load to charge air cooler 1000 54 120
 - load loss by radiation 1000 54 120
 - load to constant 1000 54 120

L/min.
 100

max. free exhaust pressure (kPa) 1000 - 100
 free exhaust speed (m/s) 100
 dry weight engine only (kg) 100

1000 - 100
 100
 100

COOLING SYSTEM:

Radiator speed (rpm) 1700
 Radiator capacity (liters) 100

1700
 100

Water capacity without radiator (L)

100

Temperature water in pump at 1700 70 - 80
 Temperature water out at 1700 70 - 80
 Max. flow temperature 1700 100

70 - 80
 70 - 80
 100

Max. pressure drop over radiator and hoses (kPa) 100
 Max. operating pressure 100

100
 100

00004 02

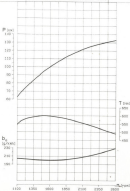
NO 133, EOC: 133K40

POSTAGE

ISS: 0004-02
133 0000

ISSN: 0004-02
 Volume: 133
 Number: 02
 Date: 1990

ISSN: 0004-02
 Volume: 133
 Number: 02
 Date: 1990



PRODUCT INFORMATION	Engine 60 100 G	PART NUMBER
GENERAL INFORMATION		
No. of cylinders and cylinder arrangement	6 in line, vertical	
Bore	4 - inches	
Stroke (mm)	100.0	
Stroke (in)	3.937	
Displacement (L)	3.9	
Displacement (cu in)	238.0	
Aspiration	Naturally aspirated and turbocharged	
Model according to ISO 3046-1 and 3046-2, class of	ISO 3046-1	
- ISO, group 1 of class 1	100	1000
- ISO, group 2 of class 1	100	1000
- ISO, group 3 of class 1	100	1000
- ISO, group 4 of class 1	100	1000
- ISO, group 5 of class 1	100	1000
- ISO, group 6 of class 1	100	1000
- ISO, group 7 of class 1	100	1000
- ISO, group 8 of class 1	100	1000
- ISO, group 9 of class 1	100	1000
- ISO, group 10 of class 1	100	1000
- ISO, group 11 of class 1	100	1000
- ISO, group 12 of class 1	100	1000
- ISO, group 13 of class 1	100	1000
- ISO, group 14 of class 1	100	1000
- ISO, group 15 of class 1	100	1000
- ISO, group 16 of class 1	100	1000
- ISO, group 17 of class 1	100	1000
- ISO, group 18 of class 1	100	1000
- ISO, group 19 of class 1	100	1000
- ISO, group 20 of class 1	100	1000
- ISO, group 21 of class 1	100	1000
- ISO, group 22 of class 1	100	1000
- ISO, group 23 of class 1	100	1000
- ISO, group 24 of class 1	100	1000
- ISO, group 25 of class 1	100	1000
- ISO, group 26 of class 1	100	1000
- ISO, group 27 of class 1	100	1000
- ISO, group 28 of class 1	100	1000
- ISO, group 29 of class 1	100	1000
- ISO, group 30 of class 1	100	1000
- ISO, group 31 of class 1	100	1000
- ISO, group 32 of class 1	100	1000
- ISO, group 33 of class 1	100	1000
- ISO, group 34 of class 1	100	1000
- ISO, group 35 of class 1	100	1000

subject to modifications without prior notice

PUMP INFORMATION	Diagram No. 204 L page 2-3	S&P COMPONENTS
IMMULATION SYSTEM		
Oil specification:		See service manual
Total engine oil capacity 113		114
Oil capacity min. oil level 110		110
Oil capacity max. oil level 113		113
Oil filter: - type		Washable filter
- quantity		1
Oil system: - type		Fliter
Oil pressure: - operating speed 14Psi		100 - 100
- idle speed 14Psi		10 - 100
- start time 14Psi		20
Oil temperature: - operating at full load 170 ..		10 - 110
- max. permissible 170 ..		110
WATER PUMP SYSTEM		
Min. oil clearance capacity 14Psi		1. min. 100
Max. total depression 14Psi		1. min. 100
WATER SYSTEM		
Water pump flow 14Psi		1000
Water pump temperature 170		1000
Weight of water pump 14Psi		100
Max. permissible water head pressure 14Psi		1000
EXHAUST SYSTEM		
Exhaust valve		1-1-1-1-1-1
Exhaust		1000
Exhaust depression pump: - type		1000/1000
Exhaust valve at 1" water head		10
Exhaust pressure: - type		100 / 100
- max. allowed speed 14Psi		100-1000 1000-1000
STARTING SYSTEM		
Starting motor: - type		10
- quantity		10 1 / 10 10
Alternator: - quantity		10 1 / 10 1 / 10 1
SEA CONNECTIONS		
Number of connections		1 / 1
Weight of sea		100 / 100
Time setting		100 / 1000

2000 12

№ 199. (СССР: 1994)



ISSN 1068-825X
ISSN 1995

ISSN 1068-825X (print) ISSN 1995 (online)
ISSN 1068-825X (print) ISSN 1995 (online)
ISSN 1068-825X (print) ISSN 1995 (online)

