

**Instruction book**



# SOLINDERS

**Marine diesels  
1051 BR  
and 1052 BR**



**AB SOLINDER-MUNKTELL  
ESKILSTUNA - SWEDEN**



## Type and serial numbers

The type and serial numbers are stamped on a plate on the right-hand side of the engine, seen from the flywheel end, as shown in the illustration below.

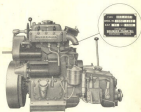


Fig. 1. Two-cylinder marine engine. Name plate location.

Always quote type and serial numbers when ordering spare parts and in correspondence with the factory or service station.

Example, Type 1482—10007, Serial number 1482—1007.



## **TURBOCHARGER ENGINE**

### **General**

Type number	1000 58
Number of cylinders	4
Bore	4.33 in. (109.97 mm.)
Stroke	3.35 in. (85.41 mm.)
Scrub volume	135.8 cubic ft. (3.85 liter)
Compression ratio	16.5:1
Direction of rotation	Clockwise (from front) Hydrokinetic only
Valve arrangement	Overhead
Valve clearance (from engine), intake valve	0.010 in. (0.25 mm.)
exhaust valve	0.010 in. (0.25 mm.)
Rpm	1,200
Output	24 H.P.S.

### **Lubricating system**

Oil pressure, engine	40—60 lb./sq. in. 12—1 kg./sq. cm.
Capacity, engine	14. Imp. pints (7 liter)
Capacity, accessories/gearbox	5.2 Imp. pints (2.6 liter)

### **Fuel system**

Injector pump	Bosch
Injector	Bosch
Injector operating pressure	1,000 $\frac{1}{2}$ kg./sq. cm. 100 $\frac{1}{2}$ kg./sq. cm.]
Injector hole diameter	0.026 in. (0.67 mm.)
Flow setting	22° valve (T.H.),
Working pressure, overflow valve	10—15 lb./sq. in. 0.7—1.1 kg./sq. cm.]

### **Cooling system**

Cooling water temperature	80—102° F. (27—39° C.)
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