

## 2. COOLING SYSTEM

Water is drawn into the water pump (2) from the port screen (1) under the anticavitation plate.

It is then pumped through a water pipe (3) into the water jackets (4) to cool the entire length of each cylinder wall. After cooling the cylinders, the water is directed into the cylinder head (6), and from there back outside through the exhaust pipe (7) with the exhaust gases.

A thermostat (5), located at the outlet of the cylinder jackets, opens and closes to the water temperature from the cylinder jackets to maintain a constant cooling water temperature. When the water is cold, it cannot pass into the cylinder head; That is, it is just circulated through the intake manifold (11). The water from the pump outlet is directly returned outside through the water check pipe (9) and exhaust pipe via the bypass tube (8). The pump is an impeller type and is located on the gear case. It is driven by the pinion shaft (10).

