

DESMI priming pump B114N

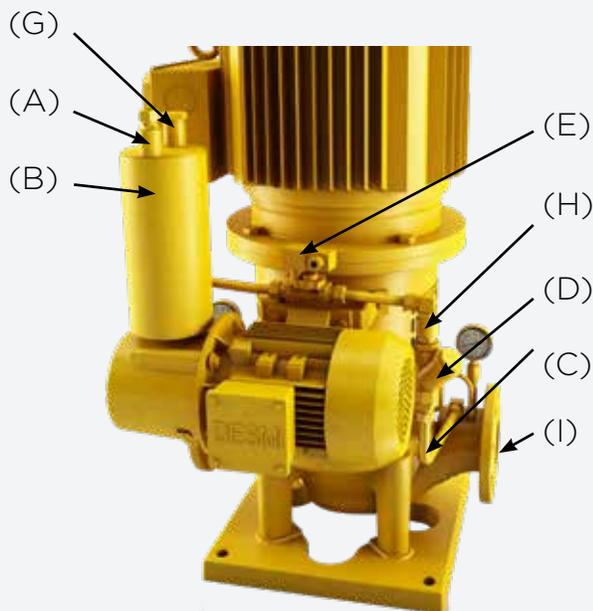
The DESMI priming pump is designed for mounting on non-selfpriming centrifugal pumps thus making the pump unit self-priming. In order to make the unit work, the delivery pipe has to be shut off, e.g. by means of a non-return valve.

The DESMI B114 priming pump is driven by its own electric motor. The suction side of the priming pump is connected to the suction side of the main pump (C) by means of a pipe, a filter (D) and a non-return valve (H).

The filter (D) prevents solids from penetrating the priming pump, and the non-return valve (H) secures that back flow is avoided when the priming pump is stopped.

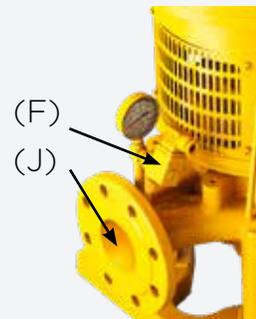
If the main pump has positive suction head the solinoid valve (E) stops water from running through the priming pump unexpected when the pump and priming pump are stopped.

The priming pump is provided with a supplementary tank (B) at the discharge side of the priming pump which has to be filled with water prior to starting the system. During priming, the air escapes while the water circulates in the pump procuring sealing and cooling.



The pump is a priming pumps of the water ring type which can be fitted to a non-selfpriming pump.

- (A) Connection to drain
- (B) Supplementary tank
- (C) Connection to main pump suction
- (D) Filter
- (E) Solenoid Valve
- (F) Pressure switch
- (G) First fill connection
- (H) Non return valve
- (I) Suction side of pump
- (J) Discharge side of pump



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