

SPXFLOW

Users manual



IB-512 R03 (01/2016)

➤ **Johnson Pump®**

Installation instructions for pump impeller



Warning!

There is a risk of water leakage when the impeller is being changed. Check whether there is a siphon effect in the pipe before doing the change.

1. Open the pump cover to gain access to the impeller.
2. Inspect the inside of the pump for wear, and clear any muck out.
Change worn components as necessary.
3. Change the impeller shaft seal if one is included.
4. Lubricate the lip seal with glycerin (do not lubricate mechanical seal).
5. Lubricate the inside of the pump with the glycerin included in the kit.
6. Install the new impeller with a rotating movement in the direction that the impeller will turn in, please refer to the illustration.
7. Lubricate the O-ring/gasket with glycerin. Install the O-ring/gasket and cover.



Warning!

When the engine is started, make sure that the pump sucks water up within 30 seconds. If it does not do so, **STOP** the engine at once and check whether there is any air leakage in the system, or seal damage in the pump.

To increase the service life of the impeller, do not install the impeller in the pump if the equipment will be stored for a longer period of time. Store a disassembled impeller in a dark, cool and dry place.

⚠ Warning!

Do not use any petroleum-based products to lubricate the inside of the pump. Only use glycerin. Other products can damage the impeller, which will damage the pump and lead to engine failure. Do not run the impeller without water or lubricant, this can cause engine failure or a fire.

