

Operating Manual

for Hydraulic Pump Unit

Aluminium construction with single tank type AW 3360
Steel welded construction with collecting tank type AW 3362

1. Technical Data

Control pressure max.:	8 bar
Recommended operating medium:	Hydraulic oil i.e. Shell Tellus T15, T22
Operating temperature:	-10°C up to +80°C
Working method:	single-acting, manual reset

Application

Hydraulic pump unit for remote control of hydraulically operated ARMATUREN-WOLFF quick-closing /-opening valves.

By pulling the hand lever, the actuator of the quick-closing or -opening valves releases these valves.

For handling not in conformity with the conventional handling of the hydraulic pump unit described herein, the producer will not grant any kind of warranty.

2. Security

Safety at work note

- Hydraulic pump units are produced to state of the art and will be reliable by competent installing.
- Every person that mounts or maintains the hydraulic pump unit has to read and understand the manual and safety advices.
- Arbitrary alterations and changes result in a loss of warranty.
- Hydraulic pump units from ARMATUREN-WOLFF are made to actuate quick-closing or quick-opening valves from ARMATUREN-WOLFF.



3. Assembling and Function

Hydraulic pump units must be installed higher than the valves to be actuated because the pump unit works also as a compensating reservoir.

In case just one valve will be placed on a higher level than the hydraulic pump unit ARMATUREN-WOLFF can offer an required expansion tank.

The hydraulic pump unit has to be filled with suitable hydraulic oil and should be totally vented.

If pulling the hand lever, the actuator shuts the valve. In case of using ARMATUREN-WOLFF quick-opening valves the actuator opens the valve.

4. Maintenance of the Hydraulic Pump Unit

ARMATUREN-WOLFF recommend to check the function as well as the oil level monthly.

A periodic maintenance should take place in the maintenance book of the ship.