

## TEAMTEC EJECTOR type V4-2-5 (Water driven Mucking Ejector)



**Drawing No. 2301353 / 2301401**

## **Description:**

The ejector is a Water Jet pump being used as a vacuum cleaner to clean the cement tanks onboard Offshore Supply Vessels.

The ejector is supplied by water from a fire pump (or an equal type of pump) and the required water quantity and pressure is found on next page.

At the suction intake the ejector is fitted with a 2" Ball Valve (pos. no. 11) for connection to a suction hose or to a piping system for vacuum cleaning of the tanks.

At the driving water inlet side, a strainer (pos. no. 5) is fitted to prevent foreign particles to clog the multi nozzle (pos no. 7) in the ejector.

To clean the strainer, the distance piece (pos no. 1) has to be removed to get necessary access.

## **Installation:**

The following minimum piping dimension is required for the installation:

Driving water supply: DN 100 mm

Discharge overboard: DN 125 mm

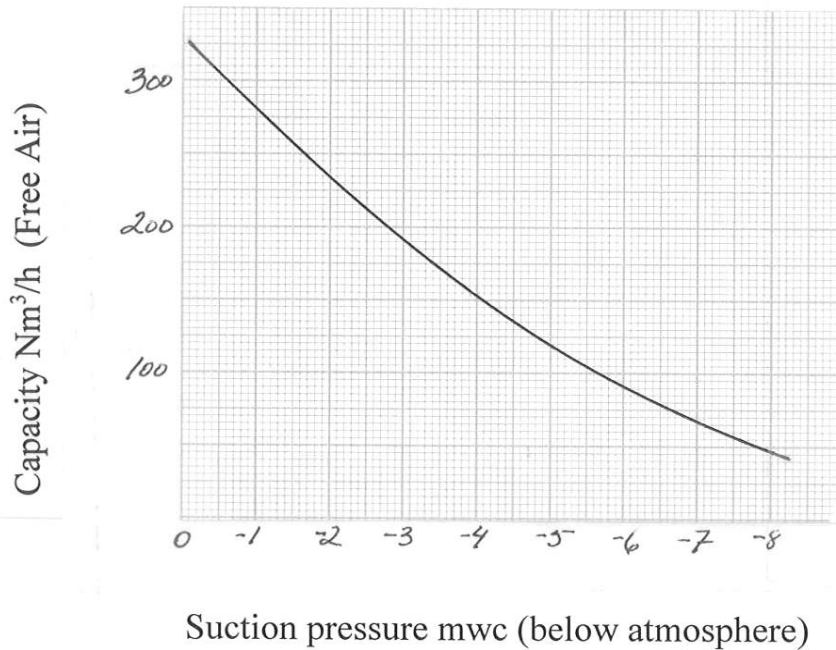
Suction connection: ID 50 mm hose connection or male 2" BSP threads.

## **Operation:**

1. Open the overboard valve for the discharge outlet from the ejector.
2. Open the driving water line to the ejector so the required driving water pressure is obtained.
3. Open the Ball Valve at the suction side on the ejector to perform the vacuum cleaning.
4. Before the ejector is shut off the suction ball valve must be closed in order to prevent water to flow back wards into the suction system.

# PERFORMANCE DATA FOR TEAMTEC-GOLAR EJECTOR TYPE V4-2-5

Drawing No. 2501763 or 2301244



The suction capacity above refers to max. discharge head (back pressure) at 5 mwc

Driving Water Consumption: 96 m³/h at 5 bar

Driving Water Consumption: 105 m³/h at 6 bar

Driving water Consumption: 115 m³/h at 7 bar



