

# Pump Profile: Submersible Pump

## Submersible Water Pump Info

**Dimensions -**  
**W203mm x H492mm**

The Electric submersible pump is great for transferring dirty water from waste tanks and can handle up to 50mm of solids. This makes the Submersible pump ideal for jobs like transferring waste from a waste tank.

### TECHNICAL SPECIFICATIONS

Operating range: from 1 to 24 m<sup>3</sup>/h with head from 2 to 9 meters.

Pumped liquid: non aggressive sewer water and waste water in general.

Liquid temperature range:

from 0° to +35°C for household use (EN 60335-2-41)

from 0°C to +50°C for other uses

Maximum ambient temperature for pump running with submerged motor: +40°C

Maximum immersion depth: 10 meters

Installation: fixed or portable, vertical



Please see page two for more information



# TARDIS

ENVIRONMENTAL UK

[www.tardishire.co.uk](http://www.tardishire.co.uk)



Nationwide Service: 0800 731 0589

# Tardis Submersible Pump

**Pump Data:**

Min Fluid Temperature: 0°C  
 Max Fluid Temperature: 50°C  
 Max Temperature Operating: 40°C

**Requested Data:**

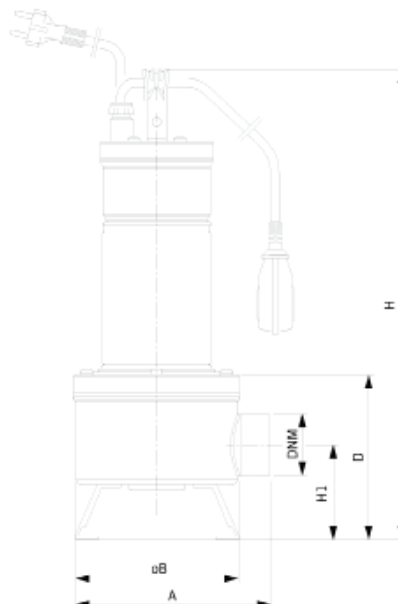
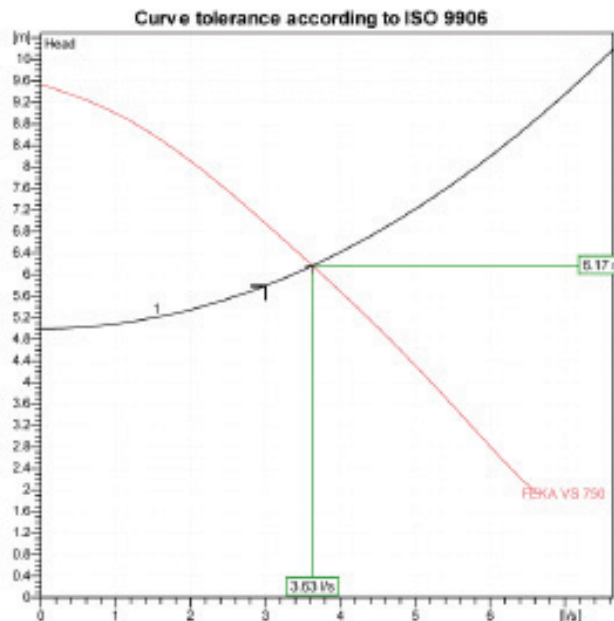
Flow: 3 l/s  
 Head: 5.8m  
 Fluid: Water  
 Fluid Temperature: 20°C  
 Density: 0.9983 kg/dm<sup>3</sup>  
 Kinematic Viscosity: 1.005 mm<sup>2</sup>/S  
 Vapor Pressure: 2.337 kPa

**Materials:**

Pump Body: AISI 304  
 Impeller: AISI 304  
 Motor Start: AISI 316  
 Seal Disk: AISI 304  
 Motor Casing: AISI 304  
 Protection cover: AISI 304  
 Mechanical seal pump side: Silicon Carbide

**Motor Data:**

Trade Mark: Dab  
 Nominal Power: 0.75 KW  
 Rated Speed: 2800 l/min  
 Rated Voltage: 1~ 220v 50Hz  
 Nominal Current: 5.13 A  
 Degree of protection: IP 68



Dimensions in mm

Sections	Size
A	203
B	170
D	172
DNM	3"
H	492
H1	98