



# Lowara Product Guide

# SUBMERSIBLE PUMPS FOR DEWATERING & SEWAGE



## DOC Series



Compact, versatile and light weight. Suitable for clean and domestic water applications.

### APPLICATIONS

- » Emptying of residential areas such as cellars and pits
- » Pumping domestic wastewater
- » Emptying water tanks and storage vessels

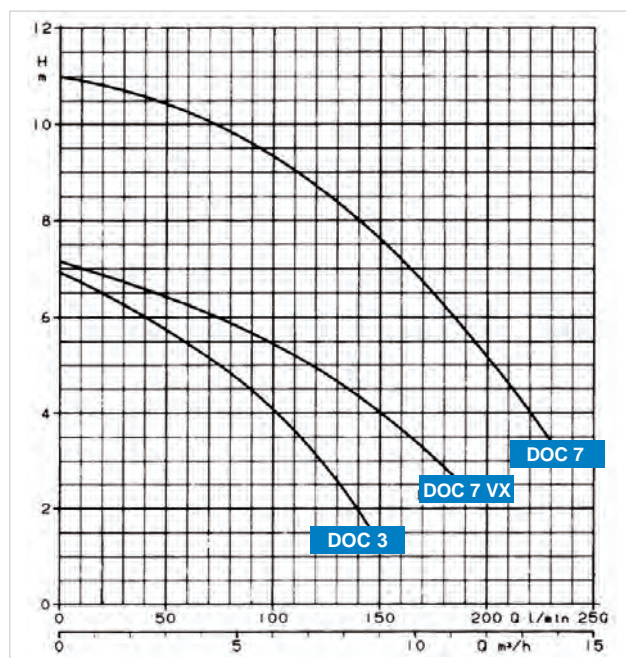
### SPECIFICATIONS

- » Flow up to 14 m<sup>3</sup>/hr
- » Heads up to 11m
- » Solid handling DOC3 - DOC7 to 10mm  
DOC7VX to 20mm
- » Built in thermal overload protection
- » Manual and automatic start
- » Maximum pump down level 50mm
- » Maximum depth of submergence 5m
- » Cable length 5m, options to 10m
- » Maximum liquid temperature +40°C
- » DOC 7 has a capacity of up to 13.5 m<sup>3</sup>/hr and delivery head of up to 11m and is suitable for 10 mm solids in suspension
- » DOC 7VX has a capacity of up to 10.5 m<sup>3</sup>/hr and 7m maximum head delivery. It can pump liquid with solids in suspension having maximum dimensions of 20mm
- » Versions
  - Single phase 220 - 240V 50Hz 2 pole
  - Three phase 380 - 415V 50Hz 2 pole

### FEATURES

- » Built in capacitor
- » Built in thermal motor protection
- » Single phase versions can be equipped with pre-assembled float for automatic pump operation
- » New single phase DOC GW version with magnetic float switch (replaces GT version)
- » Three phase version available

### PERFORMANCE CURVE AT 2850 RPM



### MATERIAL TABLE

COMPONENT	MATERIAL
Pump body and inlet grill	TECHNOPOLYMER
Handle and upper support	TECHNOPOLYMER
Impeller	TECHNOPOLYMER
Outer casing	STAINLESS STEEL (AISI 304)
Motor casing	STAINLESS STEEL (AISI 304)
Lower casing	STAINLESS STEEL (AISI 304)
Shaft extension	STAINLESS STEEL (AISI 304)
Screws and bolts	STAINLESS STEEL (AISI 304)
Elastomers	NITRILE RUBBER (NBR)



# SUBMERSIBLE PUMPS FOR DEWATERING & SEWAGE



## Submersible Dewatering

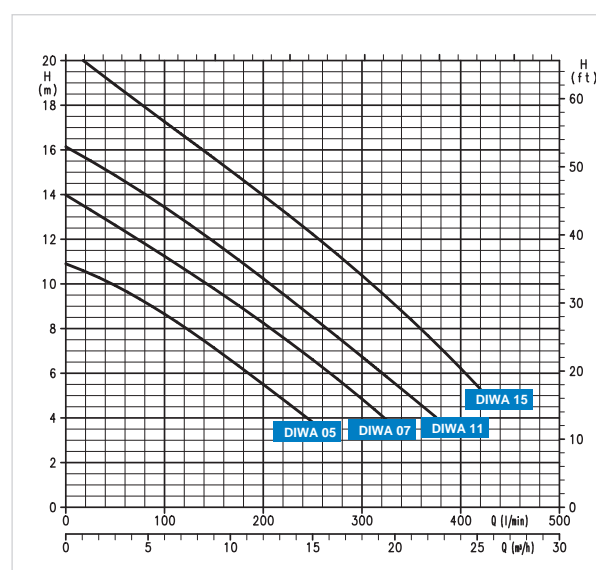
### DIWA Series



For drainage of cellars, sumps, basements and tanks, dirty water transfer, garden irrigation, fountains and water features.

#### FEATURES

- » Flows to 25 m<sup>3</sup>/hr
- » Heads to 20m
- » Open impeller for solids to 8mm
- » Coated replaceable wear plate
- » Lowara double mechanical seal system
- » 4 models up to 1.5kW
- » Maximum submergence 7m
- » Manual and automatic models



### DN Series



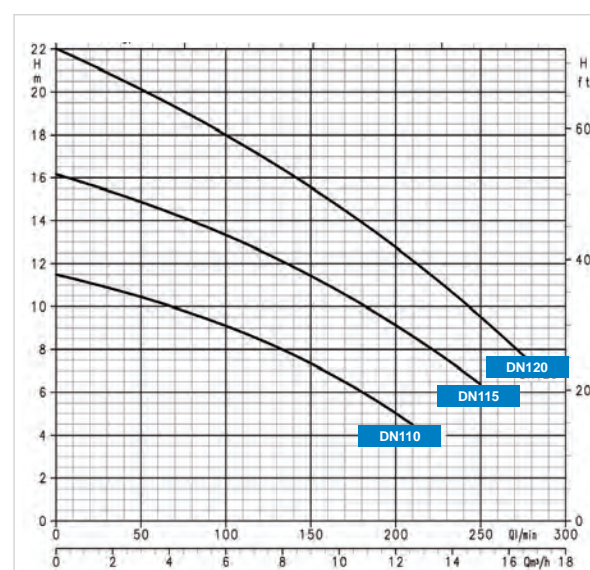
Submersible pumps for dirty water. Made in cast iron and stainless steel, with mechanical seal and open impeller with abrasion-resistant rubber coating. Supplied with or without float switch.

#### APPLICATIONS

- » Emptying of drains, rain water tanks or domestic wastewater
- » Emptying of wells and tanks in industrial and ecological applications
- » Lawn and garden irrigation
- » Emptying of tanks or reservoirs
- » Emergency draining in flooded areas

#### SPECIFICATIONS

- » Flow up to 17 m<sup>3</sup>/hr
- » Heads up to 20m
- » Maximum depth of submergence 5m



# SUBMERSIBLE PUMPS FOR DEWATERING & SEWAGE



## SCUBA Series

The SCUBA Series of pumps are specifically designed for clean water pumping with major components in 304SS. The liquid end and motor are combined in one package with the pump fluid providing the motor cooling. These pumps can be directly installed into tanks or wells to avoid suction problems and noise.

### APPLICATIONS

- » Water supply from tank, 6" wells and basins
- » Rain water tank collection
- » Pressure boosting
- » Irrigation

### SPECIFICATIONS & FEATURES

- » Flow up to 7.5 m<sup>3</sup>/hr
- » Heads to 80m
- » Maximum submergence: 20m
- » Single and three phase versions available
- » Single phase includes internal capacitor and thermal protection
- » Water temperature 0°C to +40°C
- » Suspended solids to 2.5mm
- » Single phase available in automatic or manual control

