

# SUBMERSIBLE DRAINAGE AND WASTEWATER PUMPS



**caprari**

# D-M SERIES

**MORE THAN 200 MODELS  
FOR ALL APPLICATIONS**



**MS**

**MX**



**MG**

**DA**



**DX - DW**

**DR**

**caprari**



## **IDEAL FOR**

**DRAINAGE AND STORMWATER**

**WASTEWATER**

**DOMESTIC AND RESIDENTIAL**

**CIVIL**

**INDUSTRY**

**CONSTRUCTION**

Single-impeller submersible pumps ideal for lifting domestic, industrial and residential wastewater containing solids. The large open passages ensure reliability and durability, even under heavy-duty conditions. The compactness of the pump ensures maximum reliability and ease of installation.

## TECHNICAL FEATURES

- Impeller types: vortex (W), double-channel (D), single-channel (M) or shredder (T)
- Materials: cast iron and stainless steel
- Supply voltage:
  - 50Hz - 230V±10% single-phase  
230V, 400V±10% three-phase
  - 60Hz - 220V±10% single-phase  
220V, 380V±10% three-phase
- Protection degree: IP68
- Insulation class: F
- Power supply cable: H07RN-F
- Maximum liquid temperature: 35 °C

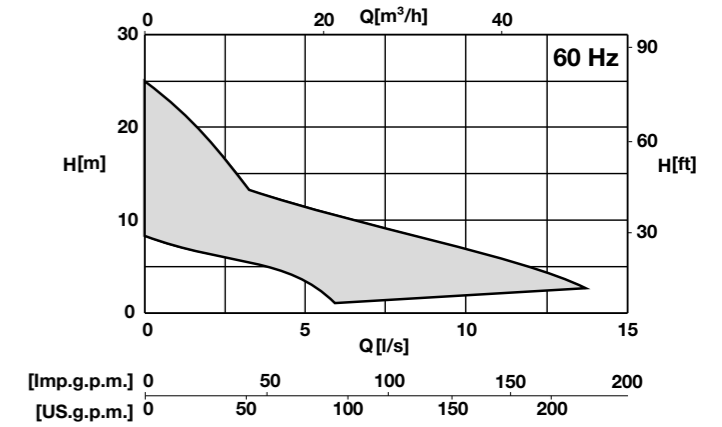
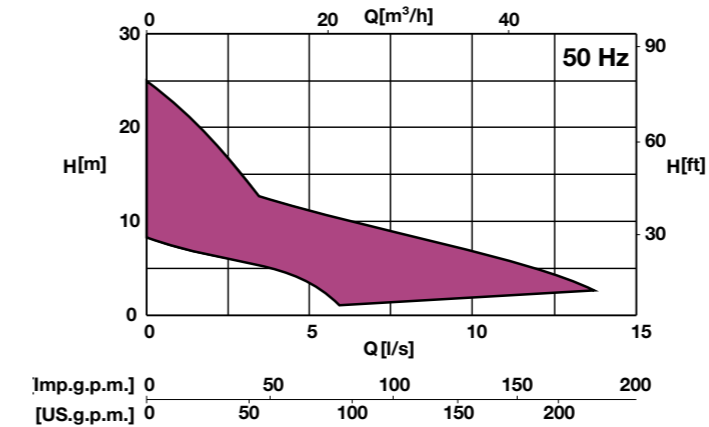
## EXECUTIONS UPON REQUEST

- Motor suitable for frequency converter
- Other voltages
- Cable length up to 20m
- Other types of mechanical seals

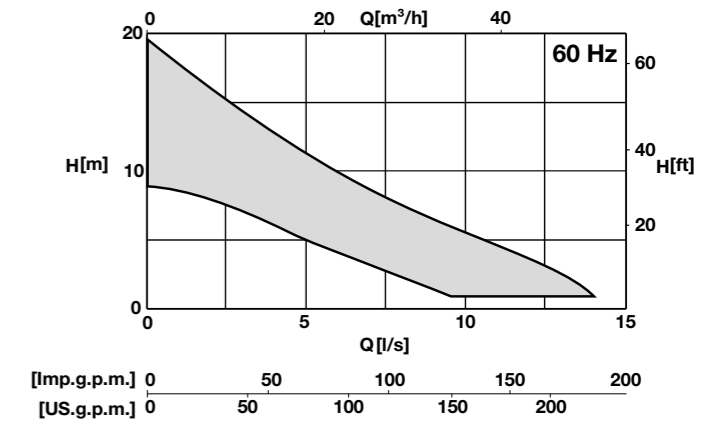
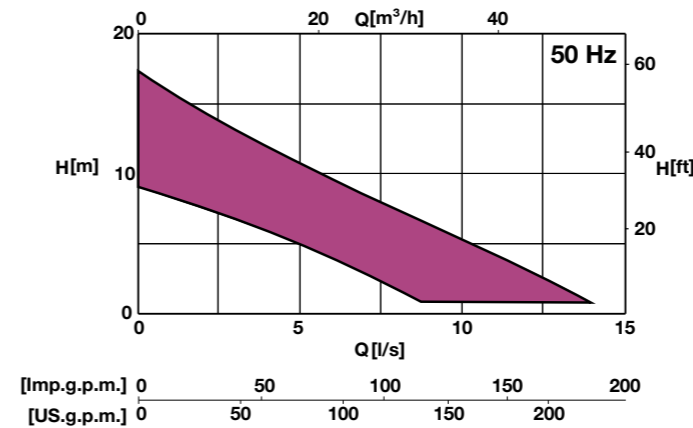


## Models

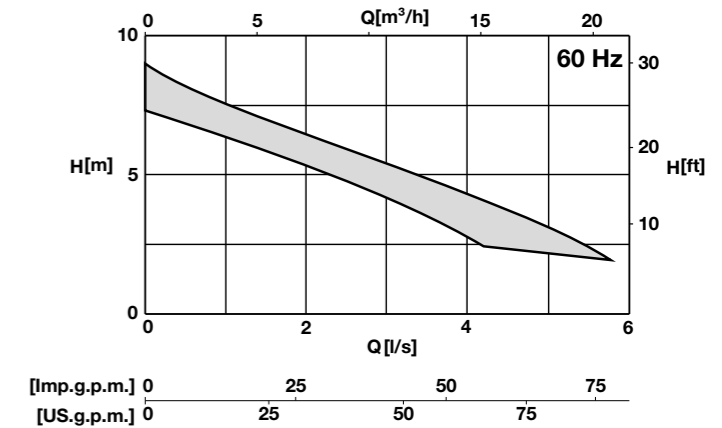
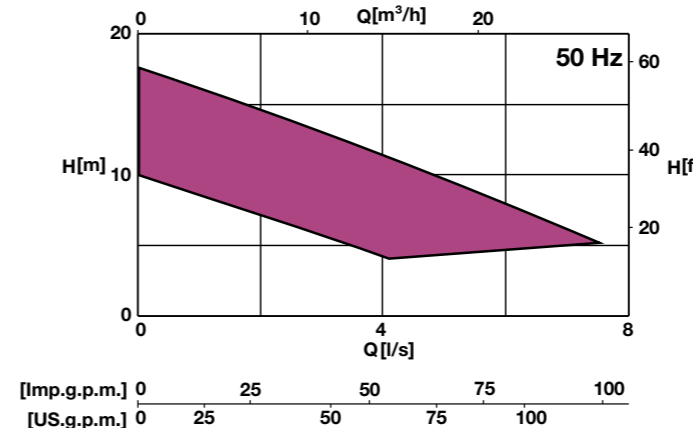
### MS.W - MS.D - MS.T



### MG.W - MG.M



### MX.W - MX.D



## WHY CHOOSE M SERIES

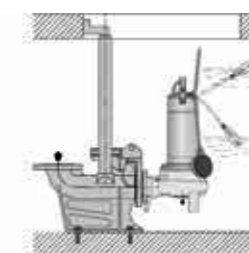


- 1 INSTALLATION FLEXIBILITY**
  - Horizontal flanged/threaded delivery port for coupling foot
  - Vertical threaded delivery port for free installation
- 2 MAXIMUM PROTECTION**
  - Double mechanical seal with interposed oil chamber
  - Relief valve for proper priming of the pump
- 3 ROBUSTNESS AND RELIABILITY**
  - Impeller and pump casing with cathoporesis treatment
  - High component thickness and stainless steel shaft
- 4 VERSATILITY**
  - Version with/without float switch for starting and stopping the pump
  - Single-phase execution with integrated capacitor designed for easy inspection

## Installation types



FREE



DUCK-FOOT

Single-impeller submersible pumps for drainage of clean water with suspended solids. Ideal for domestic, professional and construction site use. Its design and quality materials ensure robustness and ease of transport and use.

**TECHNICAL FEATURES**

- Single-impeller submersible pumps with vortex (W), open (R) or centrifugal (C) impeller
- Materials: noryl, cast iron and stainless steel
- Supply voltage:
  - 50Hz - 230V±10% single-phase  
230V, 400V±10% three-phase
  - 60Hz - 220V±10% single-phase  
220V, 380V±10% three-phase
- Protection degree: IP68
- Insulation class: F
- Power supply cable: H05RN-F or H07RN-F
- Maximum liquid temperature:
  - 35°C for DM.R and DA.R
  - 40°C for DR.R
  - 50°C for DX.R, DX.W and DW.W

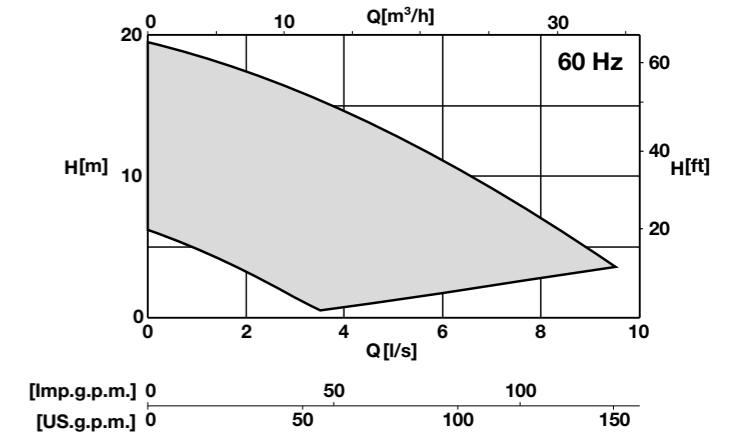
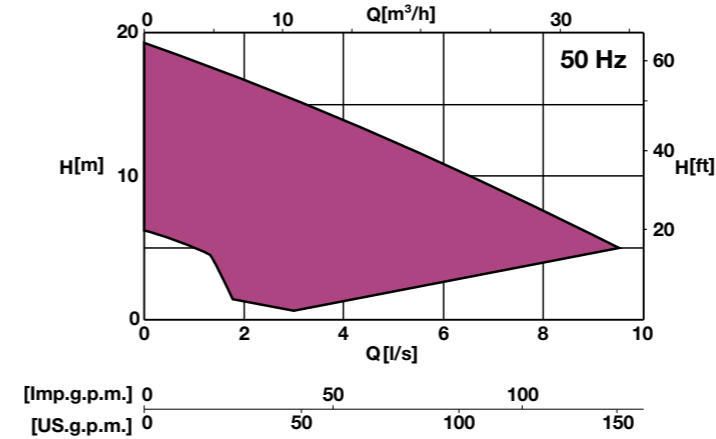
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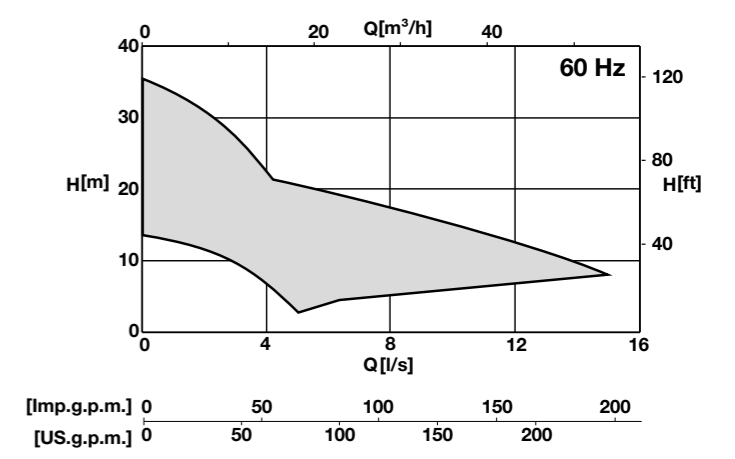
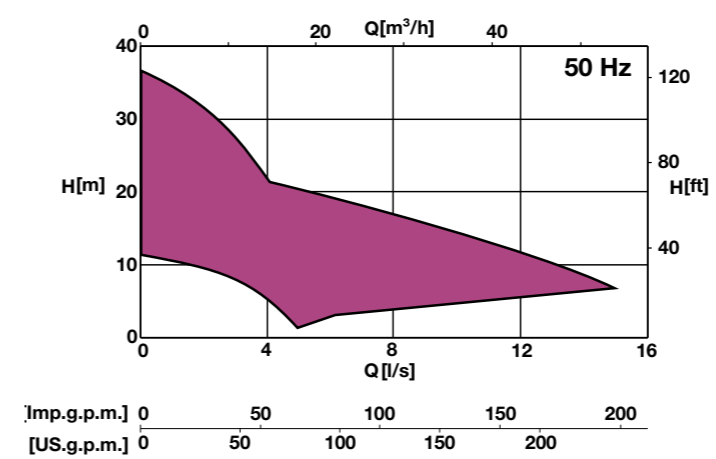


**Models**

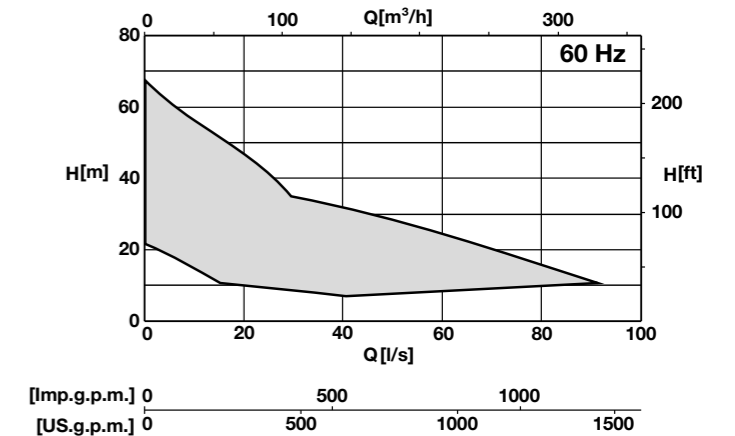
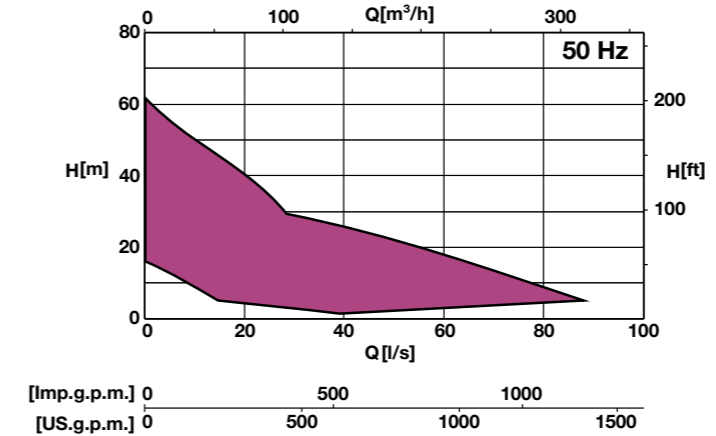
**DX.W - DX.R - DX.C - DM.R**



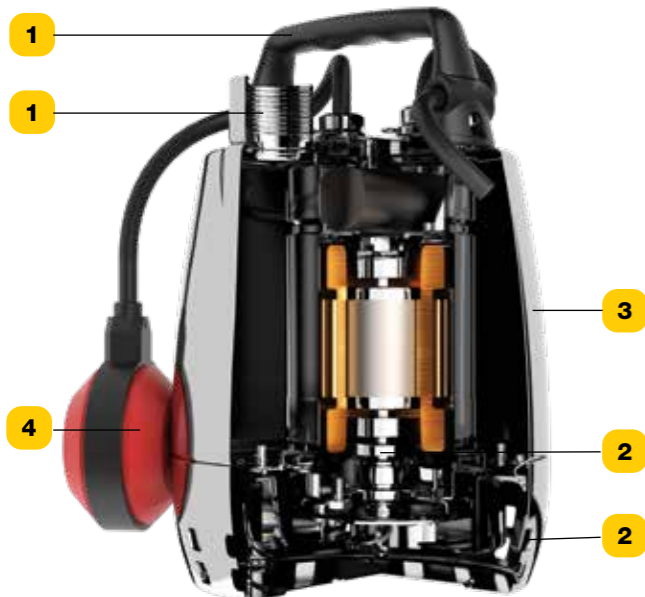
**DA.R**



**DR.R**

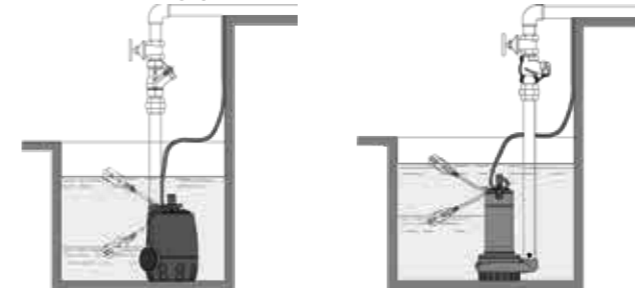


**WHY CHOOSE D SERIES**

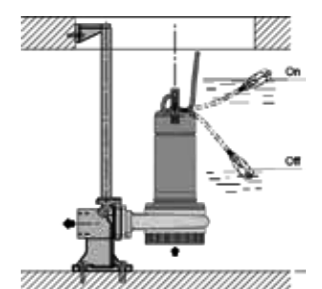


- 1 INSTALLATION FLEXIBILITY**
  - Vertical threaded delivery port for free installation
  - Propylene handle for easy handling
- 2 MAXIMUM PROTECTION**
  - Double mechanical seal with interposed oil chamber
  - Suction strainer with double row of holes to prevent clogging
- 3 ROBUSTNESS AND RELIABILITY**
  - Stainless steel impeller, jacket and shaft
  - Motor cooled by liquid pumped between jacket and motor
- 4 VERSATILITY**
  - Version with/without float switch for starting and stopping the pump
  - Single-phase execution with integrated capacitor designed for easy inspection

**Installation types**



**FREE**



**COUPLING FOOT**

# Wastewater Transport and Treatment

Water Collection and Distribution

Boosting and Distribution of surface water

Pump Control Technology

**caprari**

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