

# Drainex 100 **Evacuation | Drainage**



Submersible pump for waste water with solids in suspension, vortex system

## Applications

Evacuation, transfer and emptying of waste water with solids in suspension.

## Materials

Pump body in AISI 304.  
Pump shaft in AISI 420.  
Suction and discharge in cast iron.  
Impeller in brass.  
Double mechanical seal.  
O-rings in NBR/EPDM.

## Motor

Asynchronous 2 poles.  
IPX8 protection.  
Continuous operation.  
Class F insulation.  
Built-in thermal protection.

## Range of use

Maximum water temperature 40 °C.  
Maximum solids passage Ø 35mm.  
Maximum submersion 7m.

## Equipment

Float switch and 10m of cable with plug type F.  
External capacitor with capacitor box included.



Brass impellers



Solids throughput



Box with external capacitor



Very compact



Very reliable

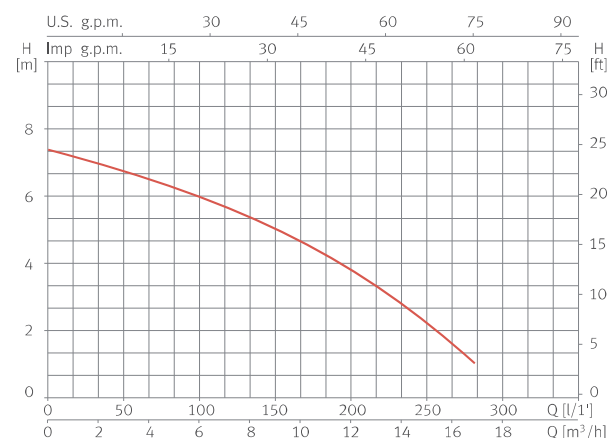


Flow rate up to 280 l/min

## Features table

| Model       | I<br>[A]   | P1<br>[kW] | P2   |      | c<br>[μF] | l/min | 25  | 50  | 100 | 125 | 150 | 200 | 250 | 280  | Code   |
|-------------|------------|------------|------|------|-----------|-------|-----|-----|-----|-----|-----|-----|-----|------|--------|
|             | 1~<br>230V | 1~         | [kW] | [HP] |           | m³/h  | 1,5 | 3,0 | 6,0 | 7,5 | 9,0 | 12  | 15  | 16,8 | 1~230V |
| Drainex 100 | 3,4        | 0,75       | 0,75 | 1    | 12        | mwc   | 7   | 6,7 | 5,9 | 5,5 | 5   | 3,7 | 2   | 1    | 96625  |

## Performance curve at 2900 rpm



## Dimension and weight

| Model       | A   | B   | C      | Kg |
|-------------|-----|-----|--------|----|
| Drainex 100 | 138 | 407 | 1 1/4" | 11 |

