



## Cast Iron Submersible Pumps

*6E series  
7E series  
8E series  
10E series*



**ORCA PUMPS**



# Cast Iron Submersible Pumps

## Submersible pumps series 6E, 7E, 8E, 10E

### Description:

**Orca Submersible pumps 6E, 7E, 8E, 10E series** are designed for pumping clean cold water from wells with sand max content 40gr/m<sup>3</sup>.

### Application:

In industry, irrigation, municipal water supply systems, pressure systems, fire fighting systems etc

### Reliability:

For pumps installed in boreholes, reliability and endurance are very important since the installation and maintenance cost are too expensive.

The strong structure of **Orca Pumps** with the combination of high quality material and the excellent assembling are offering high performance and long running without maintenance.

### Energy Efficiency:

The modern energy challenge impose the energy save in all pumping application. The pump design and high quality materials are offering high efficiency and low power consumption. The initial investment of purchasing the pumps is only the 5% of the total operation and maintenance cost. So the choice of a pump with high performance is very important for reducing the total cost of operation.

### Range:

The **6E, 7E, 8E, 10E series** of **Orca Pumps** are covering a big range for most application.

6E: Flow from 10 to 70m<sup>3</sup>/h, head up to 320m

7E-8E: Flow from 40 to 160m<sup>3</sup>/h, head up to 360m

10E: Flow from 150 to 380m<sup>3</sup>/h, head up to 200m



Series	Flow [m <sup>3</sup> /h]	Head [m]	Power [HP]	Outlet [inches]
6E 2	10 - 25	20 - 320	5.5 - 35	3"
6E 3	15 - 35	20 - 310	5.5 - 50	3"
6E 4	25 - 45	20 - 275	5.5 - 50	3"
6E 5	35 - 55	15 - 260	5.5 - 60	3" / 4"
6E 6	40 - 70	10 - 250	5.5 - 60	3" / 4"
7E 4	40 - 80	10 - 340	5.5 - 100	4"
7E 6	60 - 100	10 - 300	7.5 - 125	4"
8E 2	60 - 100	10 - 335	7.5 - 125	5"
8E 4	80 - 120	10 - 360	10 - 180	5"
8E 6	100 - 160	10 - 315	12.5 - 180	5"
10E 4	150 - 250	10 - 200	25 - 200	6"
10E 6	200 - 380	10 - 170	50 - 200	6"

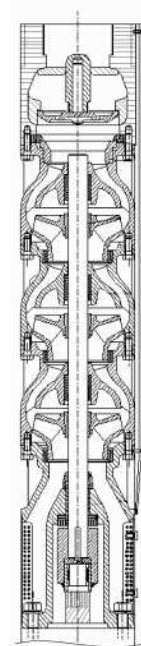
### Description

Impeller	Cast iron GG25
Diffuser	Cast iron GG25
Shaft	St. steel AISI 304
Coupling	St. steel AISI 304
Suction filter	St. steel AISI 304
Cable guard	St. steel AISI 304
Shaft bushing	Steel + rubber
Impeller bushing	Steel + rubber
Check valve	Cast iron GG25

### Material

### On request

Impeller in bronze ASTM B145 61 4A



## A. PAPADOPOULOS & CO

### SUBMERSIBLE PUMPS & MOTORS

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