Gruppo Aturia

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aturia

Water

Applications

Municipalities



Reclaim



Irrigation



Agriculture



Industrial Plants



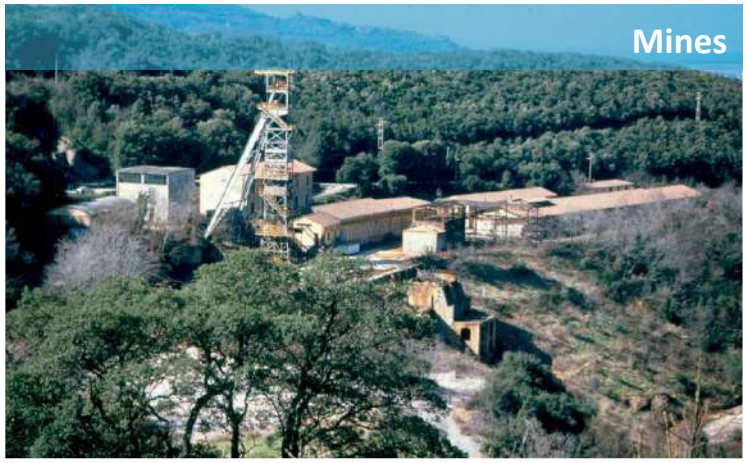
Snow Making Systems



Off-shore Platforms



Mines



Vertical Line Shaft

Their greatest application is in pumping stations to lift clean or slightly dirty water with low content of small sized suspended solids.
This type of pumps must work with one or more impellers submerged by the pumped fluid with a minimum water level enough to grant the priming of the pump at start-up and a smooth running.

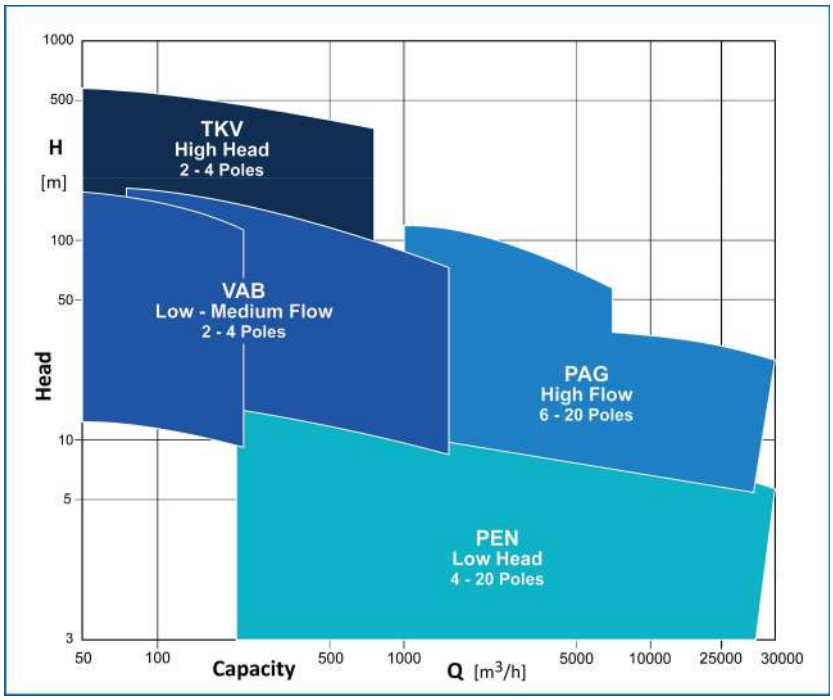
Wells	from 6” to 78”
Flow	up to 30.000 m³/h
Head	up to 500 m
Poles	from 2 to 24 (50-60 Hz)



VAB **PAG** **PEN,ELV** **TKV**









Split Case

Double suction body and impeller.
High efficiency and low values of requested NPSH.
The Pumps are engineered to work for long periods with low running costs.
It is possible to remove all rotataing parts without disassembling the pump from the baseplate.

Flow	up to 15.000 m³/h
Head	up to 200 m
Poles	from 2 to 10 (50-60 Hz)



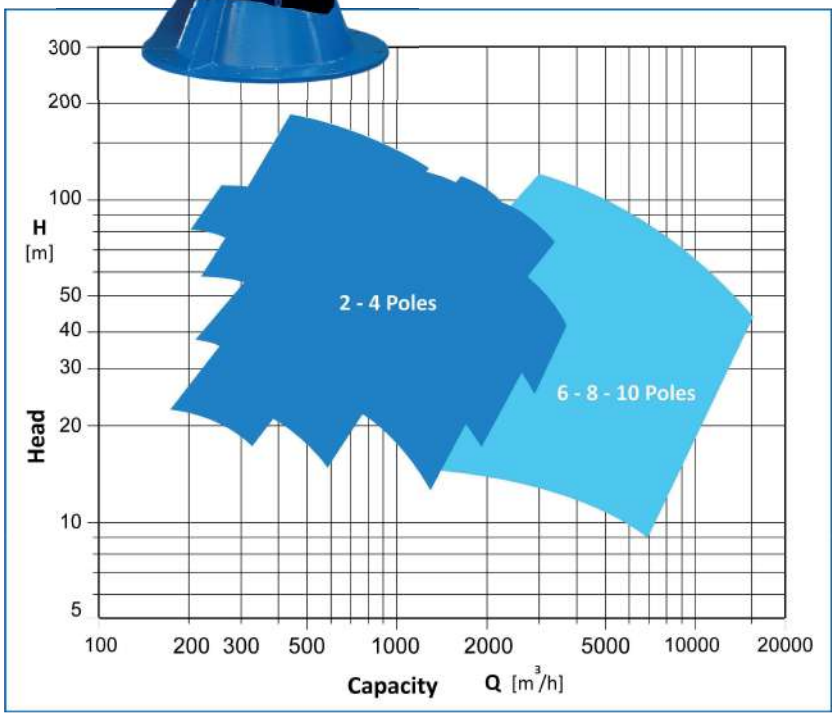












Multistage Ring Sectional

High performance values.
Suitable to pump clean water in medium and high pressure plants.
Installation is possible both horizontally and vertically.
Suction and delivery flanges have been designed for rotate adapting to all types of installations.

Flow	up to 800 m³/h
Head	up to 550 m
Poles	from 2 to 4 (50-60 Hz)

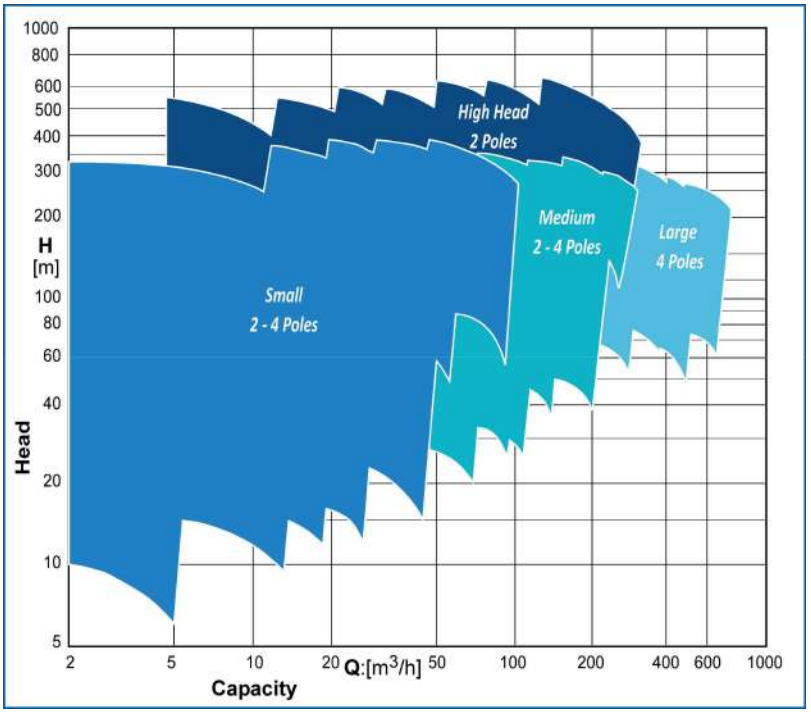












Submersible Pumpsets

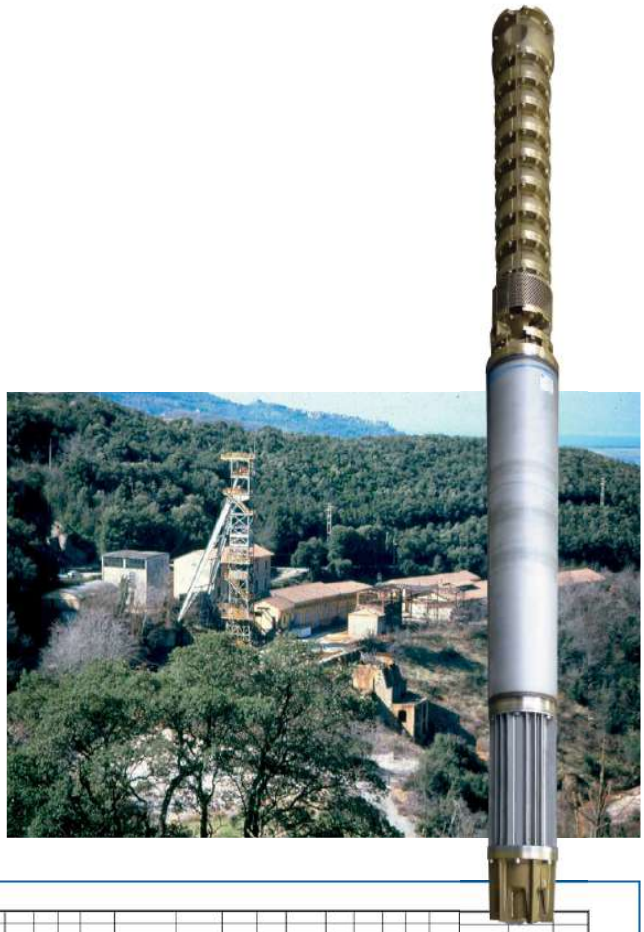
RELIABILITY
Aturia developed very strong Submersible Pumps which guarantee long periods of operation without interruptions for maintenance and repair.

EFFICIENCY
Aturia designed new Mixed Flow Submersible Pumpsets hydraulics getting really higher efficiency without affecting the typical reliability.

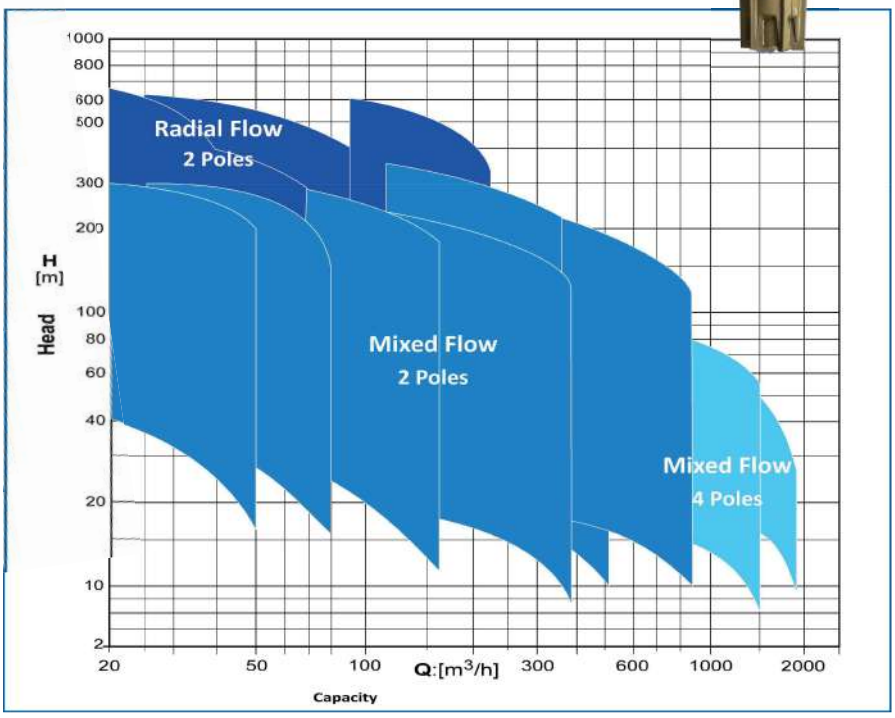
WATER CORROSION / HOT WATER
Aturia, adopting innovative motor design, provides to the market a Submersible Pumpset for pumping hot and hard water containing also suspended solids that deposits on the external motor surface (i.e. mine deep wells).

MEDIUM VOLTAGE SUBMERSIBLE MOTORS
Aturia starts the development of Medium Voltage Submersible Motors with higher power range.
New winding and cooling systems are specifically designed to operate with high voltage, high current and high water temperature.
Tubolar heat exchangers are available in different lengths and various materials (Carbon Steel, Stainless Steel, Duplex and Superduplex), to allow extended motor life.

Wells	from 6” to 24”
Flow	up to 1.800 m³/h
Head	up to 700 m
Poles	from 2 to 4 (50-60 Hz)







In the Test Rooms













Gessate (Milano)



20.000 sqm

Merate (Lecco)



7.000 sqm

Taglio di Po (Rovigo)



5.000 sqm

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01/2024 - 1210 (changes reserved)