

Factsheet

Multistage submersible pump for a huge variety of uses in clean water

Biral offers you a wide range of submersible pumps with the new AquariA series. Thanks to their universal scope of application, the pumps can be used in many different areas, such as water supply, irrigation, agriculture, heating or rainwater utilisation. The new submersible pumps from Biral embody reliability and durability.

In addition, all submersible pumps are made of stainless steel and can therefore be used for drinking water. The submersible pumps are assembled and tested in Münsingen, meaning that we can guarantee the usual Biral quality. We can respond to customer requirements quickly and in a targeted manner. However, thanks to the warehouse availability of the four-inch and six-inch pumps, the biggest plus is how quickly they can be acquired.

Areas of application

- Drinking water production
- Water supply
- Irrigation
- Water table lowering
- Supplying a heat pump
- Pressure elevation



Convincing qualities

- Immediate availability – always in stock
- Wide product range and customised solutions
- Maximum pump efficiency
- Low installation costs
- Use of sophisticated components
- Extremely advanced motors
- High-quality workmanship
- Service and repairs

Type designation

Series:

Nominal volumetric flow [m³/h]:

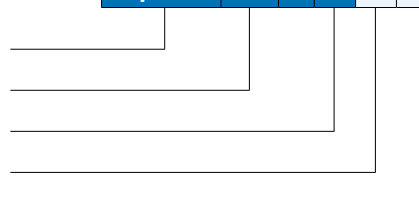
Number of stages:

Rated voltage: 230 V = S

400 V = –

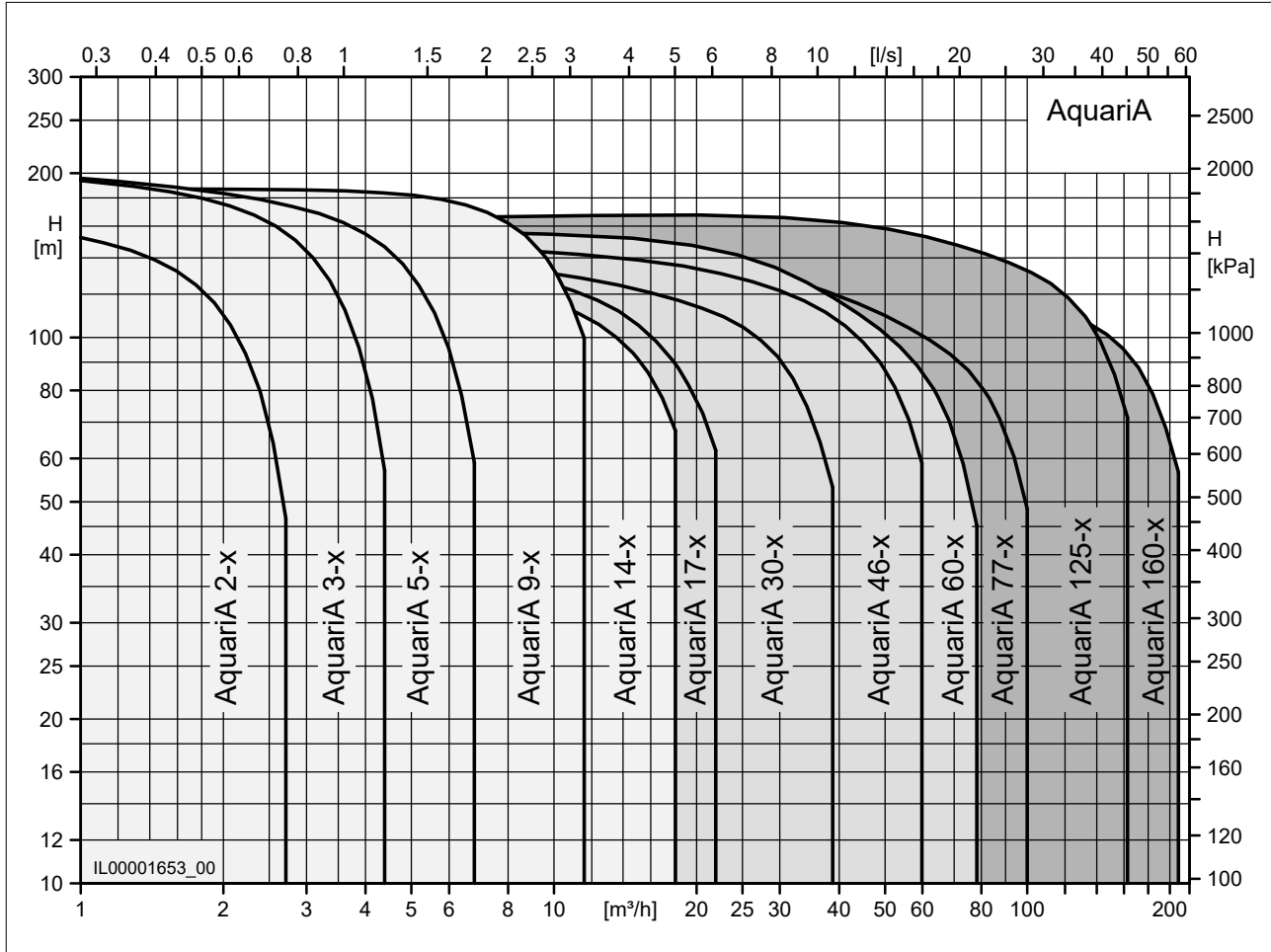
Reduced impellers:

AquariA	30	-	8	S	1/2
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AquariA for vertical installation

AquariA portfolio overview



Technical properties

Motor size:	4 to 10 inches
Connection:	Rp 1 ¼" to Rp 6"
Pump diameter:	101 to 213 mm
Nominal volumetric flow:	3 to 160 m³/h
Rated speed:	2900 rpm
Pump material:	1.4301
Non-return valve:	Yes
Direction of operation:	Vertical and horizontal

Electrical data

Voltage:	1 x 230 V to 3 x 400 V
Frequency:	50 Hz
Efficiency:	50% to 80%
Efficiency index, MEI:	≤ 0.70
Protection class:	IP68

Operating conditions

Pumped fluid:	Water
Flow rate:	0.15 m/s
Max. media temperature:	25 to 40 °C
Max. solids content:	50 g/m³
Max. installation depth:	150 to 600 m