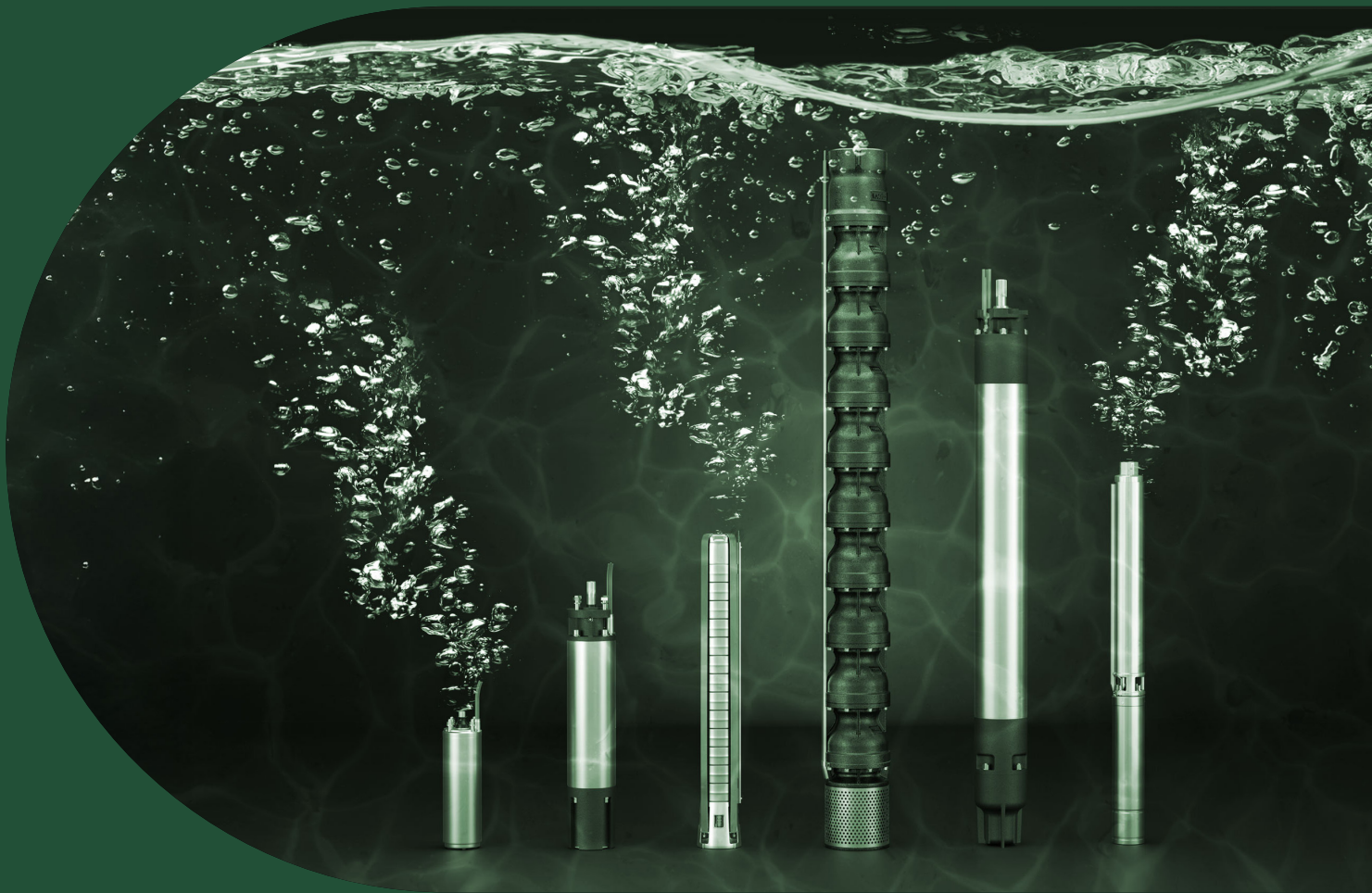


# SUBMERSIBLE RANGE

Pumps and motors for **groundwater extraction and irrigation.**

Nothing is more durable and high performing when it comes to handling all applications and different types of water.



# Submersible Range





Pumps and motors  
**for groundwater extraction  
and irrigation.**

Nothing is more durable and high performing when it comes to handling all applications and different types of water.

# Range



Electric pumps from **3"**



Electric pumps from **4"**



Electric pumps from **6"** to **12"**



Motors from **3"** to **14"**

## Accessories



Coupling kit



Cables and shielded cables



Cooling sleeves



Anti-corrosion kit



PT100 kit



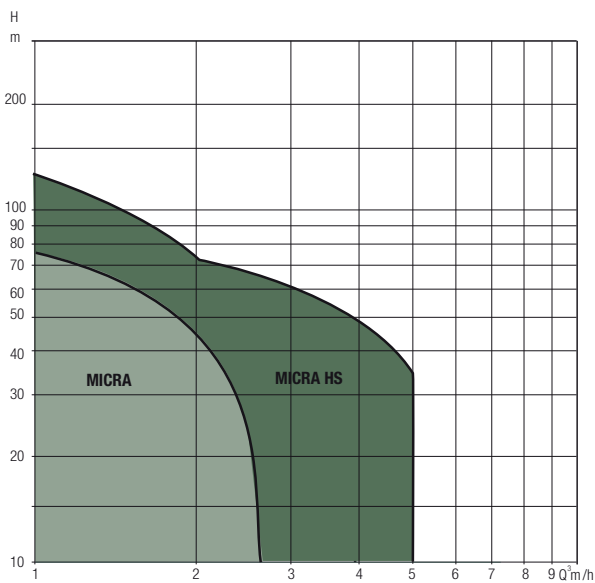
Control panels

DAB electric pumps are synonymous with high technology and high reliability. Attention to materials and manufacturing processes ensure durability and high performance.

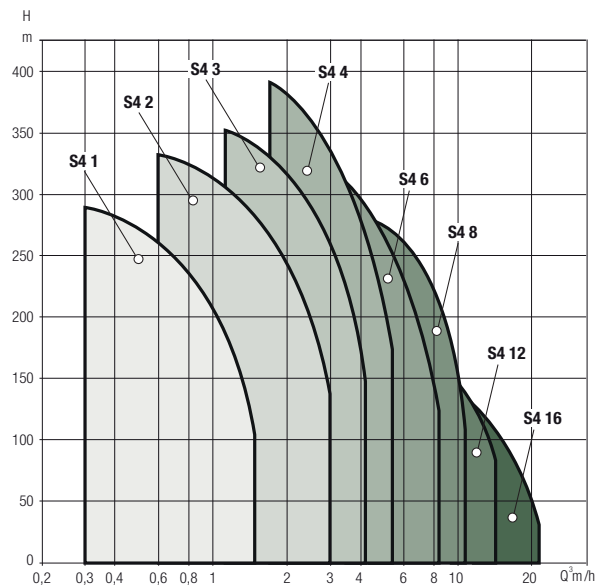
It is the widest range of submersible pumps on the market and provides solutions for every need: from small domestic irrigation to agricultural, industrial or civil applications such as waterworks. The different versions are designed to be used with waters of varying degrees of aggressiveness.

DAB submersible pumps are fitted with motors by Tesla, Italy's leading manufacturer of submersible motors, entirely designed and manufactured in Italy with ISO 9001 certified processes.

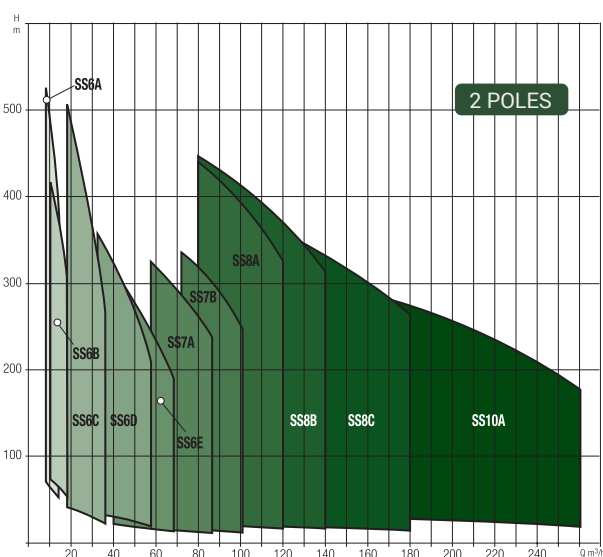
**Performance range from 3"**



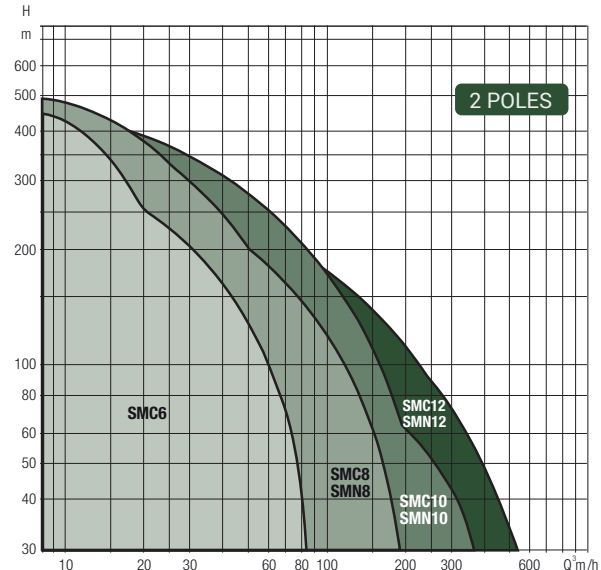
**S4 range 4"**



**Performance range from 6" to 10"**



**Performance range from 6" to 12"**



# Submersible **Electric pumps**



## Micra and Micra HS

3" submersible electric pumps; standard version (Micra) or inverter-controlled high-speed version (Micra HS). Multi-impeller centrifugal pump with technopolymer hydraulic parts; motor with stator immersed in thermosetting insulating resin with high heat dissipation capacity.

<b>MAXIMUM FLOW RATE</b>	MICRA HS: 5 m <sup>3</sup> /h MICRA: 2.5 m <sup>3</sup> /h
<b>MAXIMUM HEAD</b>	150 m
<b>MAXIMUM OPERATING FREQUENCY</b>	MICRA HS: 130 Hz (7600 rpm) MICRA: 50 Hz (2900 rpm)



## **AMEIRA** S4 4" SUBMERSIBLE PUMPS

DAB's S4 are 4" multi-impeller submersible pumps for clean water. Stainless steel pump body and technopolymer impellers, available with 4-inch motor (oil-filled, or water-filled with resin-filled stator).

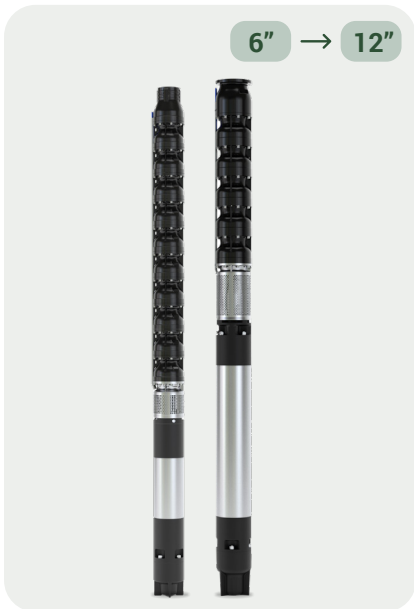
<b>MAXIMUM FLOW RATE</b>	21.6 m <sup>3</sup> /h
<b>MAXIMUM HEAD</b>	427 m
<b>POWER RANGE</b>	from 0.37 to 7.5 kW



## SS6 – SS7 – SS8 – SS10

Multistage semi-axial submersible electric pumps in pressed steel for wells measuring 6", 7", 8" or 10" or larger, capable of generating a wide range of flow rates and heads.

<b>MAXIMUM FLOW RATE</b>	260 m <sup>3</sup> /h
<b>MAXIMUM HEAD</b>	670 m
<b>POWER RANGE</b>	4 kW - 190 kW



## SMC6 - SMC8 – SMC10 – SMC12

6", 8", 10", 12" multi-impeller semi-axial submersible pump with anti-corrosion cathodolysis-treated cast iron stage bodies, and micro-cast impellers. 8", 10" and 12" versions also available in AISI 316 stainless steel.

<b>MAXIMUM FLOW RATE</b>	SMC6: 84 m <sup>3</sup> /h SMC8 - SMC10 - SMC12: 540 m <sup>3</sup> /h
<b>MAXIMUM HEAD</b>	SMC6: 452 m SMC8 - SMC10 - SMC12: 488 m
<b>POWER RANGE</b>	SMC6: 0.37 to 7.5 kW SMC8 - SMC10 - SMC12: 4 kW - 190 kW

# Submersible **Electric pumps**



## All MEI Range

AMEIRA is the first line of Dab submersible pumps where all models have a  $MEI \geq 0.4$ . They are the result of an ongoing commitment to energy efficiency: a complete range of 4" submersible borehole pumps with performances from 0.6 m<sup>3</sup>/h to 21.6 m<sup>3</sup>/h.



### An unprecedented construction standard

The Ameira series is designed for strength, durability and reliability, and every single component is designed for this purpose: stainless steel adjustment rings and supports, and an integrated suction filter in stainless steel.



### Adaptable power

You can choose from 4 configurations:

- pump body only
- pump body with oil-filled motor
- pump body with water-filled motor
- ready-to-use kit with pump body, motor, control box, power cable and nylon safety rope for lowering the pump into the well.



### Ameira: specialised in versatility

The AMEIRA series is designed and built to offer performance, reliability and energy saving in any setting:

- Domestic
- Civil
- Commercial
- Agricultural

Thanks to their wide range of performances and configurations, Ameira S4 submersible pumps can tackle problems such as:



PRESSURE



GROUNDWATER  
EXTRACTION



GARDENING



IRRIGATION

# Technical data

Flexible, powerful and reliable.  
The S4 AMEIRA range is built with top-level features, where every design and construction choice is made to set excellence as the standard.



## EFFICIENCY

Technopolymer impeller with stainless steel adjustment rings. Designed to ensure high levels of efficiency in accordance with the 2009/125/EC (Ecodesign ErP) directive, with MEI  $\geq 0.$  across the range.



## RELIABILITY AND DURABILITY

Stainless steel liner, pump, coupling, shaft, integrated suction filter and cable cover. Suction and delivery supports in micro-cast AISI 304 stainless steel. Removable built-in non-return valve in technopolymer or with stainless steel plate.



## CERTIFIED QUALITY

Materials certified for use with drinking water. ACS, WRAS, DM174 certifications.

# Submersible **Motors**



## **40L**

Rewindable 4" submersible asynchronous two-pole electric motor. The parts in contact with water are made of AISI 304 stainless steel. Cooling and lubrication of ball bearings is ensured by a special liquid approved for food use.

### **POWER RANGE**

**SINGLE-PHASE:**  
0.37 kW - 4 kW / 0.5 HP - 5 HP

**THREE-PHASE:**  
0.37 kW - 7.5 kW / 0.5 HP - 10 HP



## **4GG – 4GX – 4TW**

Rewindable 4" submersible asynchronous two-pole electric motor; the parts in contact with water are made of AISI 304 stainless steel. Stator immersed in thermosetting insulating resin with high heat dissipation capacity. Encapsulated in an airtight stainless steel casing. A mixture of water and glycol guarantees cooling and lubrication of the thrust block and bushes.

Water-filled motor with resin-filled stator. 4GX version in AISI 316 steel and 4TW with integrated capacitor (single-phase models only).

### **POWER RANGE**

**4GG - 4GX - 40L SINGLE-PHASE:**  
0.37 kW - 4 kW / 0.5 HP - 5 HP

**4GG - 4GX - 40L THREE-PHASE:**  
0.37 kW - 7.5 kW / 0.5 HP - 10 HP

**4TW SINGLE-PHASE:**  
0.37 kW - 1.1 kW / 0.5 HP - 1.5 HP



6"

## 6GF – 6GX

6" submersible asynchronous two-pole electric motor; the parts in contact with water are in AISI 304 stainless steel and treated cast iron. Water-filled motor with resin-filled stator. 6GX version in AISI 316 stainless steel.

### POWER RANGE

6GF - 6GX SINGLE-PHASE:  
3.7 kW - 11 kW

6GF - 6GX - THREE-PHASE:  
4 kW - 37 kW / 5.5 HP - 60 HP



6"

## 6GF Heavy Duty

6" canned submersible asynchronous two-pole electric motor, water cooled, made in AISI 304 stainless steel and cathoporesis-treated cast iron, with resin filled stator. The 6GF Heavy Duty motors are designed with a thrust block with high axial load for heavy-duty applications.

### POWER RANGE

6GF - 6GX SINGLE-PHASE:  
3.7 kW - 11 kW



6" → 14"

## TR6 – TR8 – TR10 – TR12 – TR14

Rewindable 6", 8", 10", 12", 14" submersible asynchronous two-pole electric motor, built in the standard version with AISI 304 stainless steel liner and cast iron supports. PE2+PA winding suitable for use with inverters. Special versions in AISI 316 and AISI904. Also available in a version suitable for installation of a PT100 or PTC temperature sensor.

### POWER RANGE

TR6 THREE-PHASE:  
2 poles 5.5 kW - 45 kW / 7.5 HP - 60 HP

TR8 THREE-PHASE:  
2 poles 22 kW - 110 kW / 30 HP - 150 HP  
4 poles 11 kW - 45 kW / 15 HP - 60 HP

TR8 THREE-PHASE:  
2 poles 22 kW - 110 kW / 30 HP - 150 HP  
4 poles 11 kW - 45 kW / 15 HP - 60 HP

TR8 THREE-PHASE:  
2 poles 22 kW - 110 kW / 30 HP - 150 HP  
4 poles 11 kW - 45 kW / 15 HP - 60 HP

TR8 THREE-PHASE:  
2 poles 22 kW - 110 kW / 30 HP - 150 HP  
4 poles 11 kW - 45 kW / 15 HP - 60 HP

# Submersible **Motors**

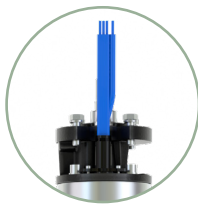
## 6GF HEAVY DUTY Built strong to last long

6GF Heavy Duty is the most powerful 6" submersible electric motor on the market for deep well installations in agriculture, geothermal plants and industrial cooling systems.

The use of 8" motor thrust bearings makes the 6GF Heavy Duty the most reliable motor in the 6" market: it can withstand water hammers that can destroy standard 6GF motors. The SiC/SiC (silicon carbide) mechanical seal provides high mechanical resistance against sandy or aggressive water. Superior overheating protection, thanks to the reinforced membrane, guarantees a longer service life even in critical applications.

### Applications

For domestic and residential settings



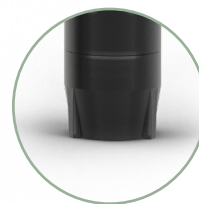
#### MECHANICAL SEAL

SiC/SiC across the entire range, reinforced upper support



#### HEAVY-DUTY THRUST BLOCK

50kN  
High axial load



#### REINFORCED MEMBRANE

New design and stronger material for higher reliability



# Submersible **Range**

## Accessories

The strength of the range also lies in its comprehensiveness, with accessories designed to respond to every situation.



**Coupling kit**



**Cables and shielded cables**



**Cable kits**



**Anti-corrosion kit**



**PT100 kit**



**Control panels**



**Cooling sleeves**





**DAB PUMPS LTD.**  
Unit 6 Gilberd Court  
Newcomen Way, Severalls Park  
CO4 9WN  
Colchester  
ordersuk@dwtgroup.com  
Tel. +44 0333 777 5010



**DAB PUMPS IBERICA S.L.**  
Calle Verano 18-20-22  
28850 - Torrejón de Ardoz - Madrid  
Spain  
Info.spain@dwtgroup.com  
Tel. +34 91 6569545



**DAB PUMPS DE MÉXICO, S.A. DE C.V.**  
Av Amsterdam 101 Local 4  
Col. Hipódromo Condesa,  
Del. Cuauhtémoc CP 06170  
Ciudad de México  
Tel. +52 55 553 2621



**DAB PUMPS BV**  
'tHofveld 6 C1  
1702 Groot Bijgaarden -  
Belgium  
info.belgium@dwtgroup.com  
Tel. +32 2 4668353



**DAB PUMPS HUNGARY KFT.**  
H-8800  
Nagykanizsa, Buda Ernő u.5  
Hungary  
Tel. +36 93501700



**DAB PUMPS SOUTH AFRICA (PTY) LTD**  
Twenty One industrial Estate,  
16 Purlin Street, Unit B, Warehouse 4  
Olifantsfontein -1667 - South Africa  
info.sa@dwtgroup.com  
Tel. +27 12 361 3997



**DAB PUMPS B.V.**  
Statenlaan, 4  
5223 LA, 's-Hertogenbosch  
Nederland  
info.nl@dabpumps.com  
Tel. +31 416 387280



**DAB PUMPS POLAND Sp. z o.o.**  
Ul. Janka Muzykanta 60  
02188 Warszawa - Poland  
sprzedaz@dabpumps.com.pl



**DAB PUMPS (QINGDAO) CO. LTD.**  
No.10 Xindong Road  
Jiulong Town,  
Jiaozhou City  
266319 Qingdao (Shandong) - China  
sales.cn@dwtgroup.com  
Tel. +86 400 186 8280



**DAB PUMPS FRANCE SAS**  
Tour Ariane, Paris la Défense 9  
5, Place de la Pyramide  
92800 Puteaux - France  
info.fr@dabpumps.com  
Tel. +33 (0)6 79 63 05 46  
+33 (0)7 89 01 53 35



**DAB PUMPS INC.**  
3226 Benchmark Drive  
Ladson, SC 29456 - USA  
info.usa@dwtgroup.com  
Tel. 1- 843-797-5002  
Fax 1-843-797-3366



**DAB PUMPS OCEANIA PTY LTD**  
426 South Gippsland Highway,  
Dandenong South VIC 3175 - Australia  
info.oceania@dwtgroup.com  
Tel. +61 1300 378 677



**DAB PUMPS GMBH**  
Am Nordpark 3  
D - 41069 Mönchengladbach - Germany  
info.germany@dwtgroup.com  
Tel. +49 2161 47388-0  
Fax +49 2161 47388-36



**DAB PUMPS CANADA INC.**  
333 Bay Street, Suite 4600,  
Toronto, Ontario, M5H 2S5, -  
Canada  
orders@dwtgroup.ca  
Tel. 1-833-322-7867



**PT DAB PUMPS INDONESIA**  
Satrio Tower lantai 26  
unit C-D, Jl. Prof. Dr. Satrio Kav. C4,  
Kel. Kuningan Timur, Kec. Setiabudi, Kota  
Adm.  
Jakarta Selatan, Prov. DKI Jakarta. - Indonesia  
Tel. +62 2129222850



Via Marco Polo, 14  
35035 Mestrino (PD) Italy

Phone +39.049.5125000

Fax +39.049.5125950

[dabpumps.com](http://dabpumps.com)

