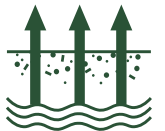




# SUBMERSIBLE PUMPS AND MOTORS

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## PRODUCT OVERVIEW



NEW RANGE

# S4

## THE STRONG AND EFFICIENT RANGE



**FLOW: UP TO 21,6 m<sup>3</sup>/h**  
**HEAD: UP TO 427 m**



# AMEIRA

4" SUBMERSIBLE PUMPS

**DISCOVER THE NEW RANGE  
OF SUBMERSIBLE PUMPS FROM DAB.**

AMEIRA is an acronym: "**All MEI R**ange" because all the models have a MEI value  $\geq 0,4$ .

MEI is the Minimum Efficiency Index (European Regulation that applies specifically to water pumps).

DABPUMPS.COM

**DAB**  
WATER • TECHNOLOGY

# DAB AND TESLA

DAB's Headquarter



With **over 2 million units produced every year**, DAB's electronic pumps are synonymous with technology and reliability.

Thanks to the merger with **TESLA**, a leading Italian manufacturer of submersible motors, DAB is now the first Italian manufacturer of submersible motors with more than 200.000 units produced last year.

Joined to DAB production of a wide range of submersible pumps from 3" to 12", we are able to provide adequate solutions for every kind of application, from small domestic irrigation to the most important industrial applications and water supply.

There are also special versions of pumps for use in waters with varying degrees of aggressiveness.

The range of TESLA motors, **entirely designed and manufactured in Italy** with ISO 9001 certified processes, is able to cover all your needs and it includes water-filled encapsulated motor (3", 4" and 6"), water-filled rewindable (up to 14") and oil-filled rewindable (4").

DAB puts at your disposal a dedicated technical and commercial office, which provides product development, immediate support and flexibility, while also offering a high degree of customization.



# RANGE

## 3" PUMPS



## NEWS



## 4" PUMPS

## PUMPS FROM 6" TO 12"



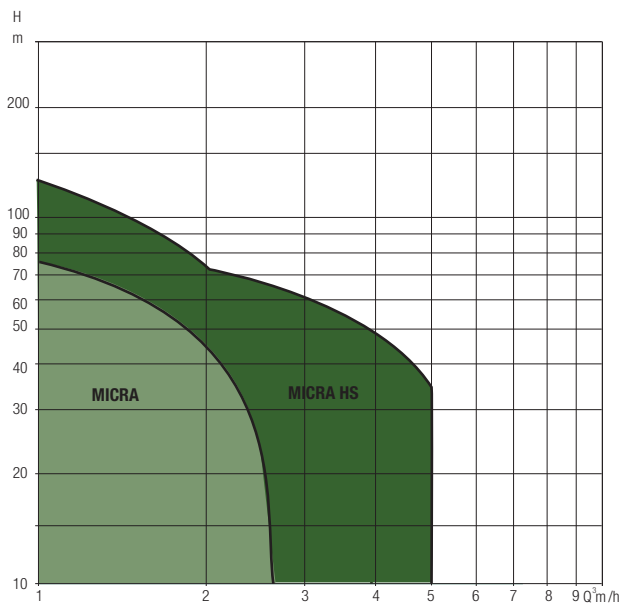
## MOTORS FROM 3" TO 14"



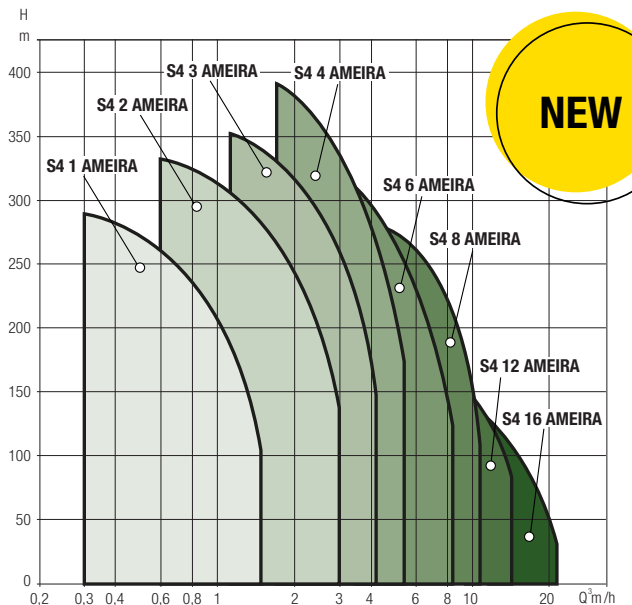
DAB is in compliance with EcoDesign Directive (ErP - Directive Energy related Products - 2009/125/CE) EC Regulation 547/2012 which provides:

FOR MULTISTAGE SUBMERSIBLE PUMPS (MSS) 4" AND 6"  
• starting from 01 January 2015  $MEI \geq 0,4$

**MICRA - PERFORMANCE RANGE 3"**



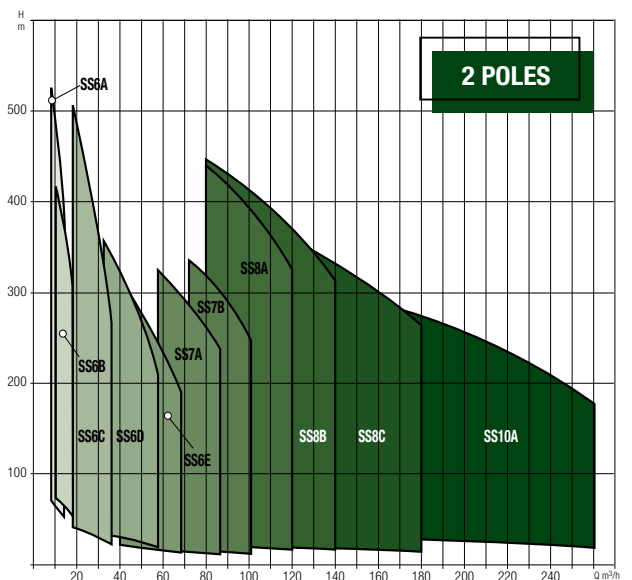
**S4 AMEIRA - PERFORMANCE RANGE 4"**



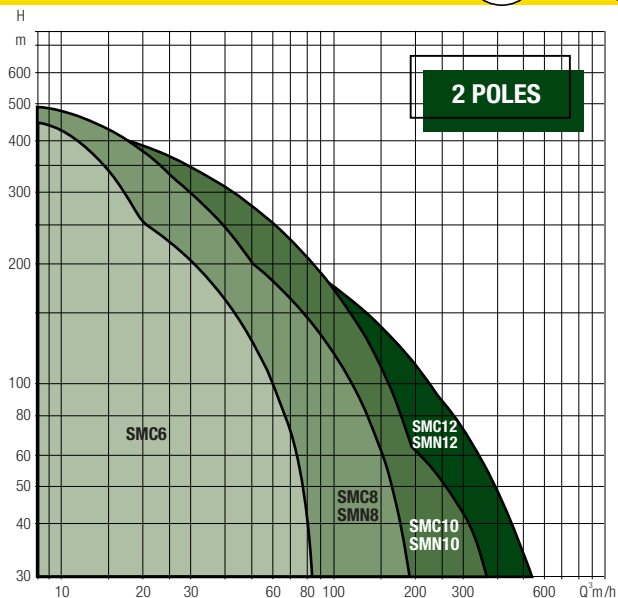
**S4 ONLY FOR EXTRA MARKETS EU - PERFORMANCE RANGE 4"**



**SS - PERFORMANCE RANGE FROM 6" TO 10"**



**SMC - PERFORMANCE RANGE FROM 6" TO 12"**



# OVERVIEW

## SUBMERSIBLE PUMPS

3"



HIGH SPEED  
130 HZ

SERIES	MICRA HS - MICRA
TECHNICAL DATA	<ul style="list-style-type: none"> <li> <b>MAX DELIVERY</b>  <b>MICRA HS:</b> 5 m<sup>3</sup>/h  <b>MICRA:</b> 2,5 m<sup>3</sup>/h                 </li> </ul>
	<ul style="list-style-type: none"> <li> <b>MAX HEAD:</b> 150 m                 </li> </ul>
	<ul style="list-style-type: none"> <li> <b>MAX FREQUENCY</b>  <b>MICRA HS:</b> 130 Hz (7600 rpm)  <b>MICRA:</b> 50 Hz (2900 rpm)                 </li> </ul>
FEATURES	<ul style="list-style-type: none"> <li> <b>HYDRAULIC PART</b> <ul style="list-style-type: none"> <li>· Pump body: Stainless steel</li> <li>· Impellers: noryl</li> <li>· Diffusers: self-lubricating polyacetal</li> <li>· Base support and head: brass</li> </ul> </li> </ul>
	<ul style="list-style-type: none"> <li> <b>MOTOR</b> <ul style="list-style-type: none"> <li>· Type:                             <ul style="list-style-type: none"> <li><b>3HS:</b> high speed - canned water-filled resin-filled canned stator</li> <li><b>3GF:</b> canned water-filled - resin-filled canned stator</li> </ul> </li> <li>· Materials: AISI 304 Stainless steel and brass</li> </ul> </li> </ul>
EXTRA	<ul style="list-style-type: none"> <li> <b>MAX DELIVERY:</b> 260 m<sup>3</sup>/h                 </li> </ul>

FOR ADDITIONAL INFORMATION PLEASE CONSULT OUR TECHNICAL LITERATURE



## SUBMERSIBLE PUMPS



**AMEIRA**  
4" SUBMERSIBLE PUMPS

ONLY FOR  
**EXTRA EU**  
MARKETS

SERIES	S4	S4
TECHNICAL DATA	• <b>MAX DELIVERY:</b> 21,6 m <sup>3</sup> /h	• <b>MAX DELIVERY:</b> 21,6 m <sup>3</sup> /h
	• <b>MAX HEAD:</b> 427 m	• <b>MAX HEAD:</b> 368 m
	• <b>POWER RANGE:</b> from 0,37 kW to 7,5 kW	• <b>POWER RANGE:</b> from 0,37 kW to 7,5 kW
FEATURES	<b>• HYDRAULIC PART</b> <ul style="list-style-type: none"> <li>• Pump body: Stainless steel</li> <li>• Impellers: technopolymer</li> <li>• Diffusers: technopolymer</li> <li>• Base support and head: precision cast steel AISI 304</li> </ul>	<b>• HYDRAULIC PART</b> <ul style="list-style-type: none"> <li>• Pump body: Stainless steel</li> <li>• Impellers: technopolymer</li> <li>• Diffusers: technopolymer</li> <li>• Base support and head: precision cast steel AISI 304</li> </ul>
	<b>• MOTOR</b> <ul style="list-style-type: none"> <li>• Type:</li> <li><b>4GG:</b> water-filled motor with resin-filled stator</li> <li><b>40L:</b> oil-filled motor with stator inside a sleeve in AISI 304L stainless steel</li> <li>• Materials: AISI 304 stainless steel</li> </ul>	<b>• MOTOR</b> <ul style="list-style-type: none"> <li>• Type:</li> <li><b>40L:</b> oil-filled motor with stator inside a sleeve in AISI 304L stainless steel</li> <li>• Materials: AISI 304 stainless steel</li> </ul>
EXTRA	AVAILABLE VERSION WITH 4TW MOTOR WITH INTEGRATED CAPACITOR WHICH DOES NOT REQUIRE THE CONTROL BOX  ALSO AVAILABLE IN KIT VERSION CONTAINING CONTROL BOX FOR SINGLE-PHASE VERSIONS, 15, 30 OR 40 METERS OF ELECTRIC CABLE AND SAFETY CORD	AVAILABLE VERSION WITH 4TW 4GG 4GX MOTOR WITH INTEGRATED CAPACITOR WHICH DOES NOT REQUIRE THE CONTROL BOX  ALSO AVAILABLE IN KIT VERSION CONTAINING CONTROL BOX FOR SINGLE-PHASE VERSIONS, 15, 30 OR 40 METERS OF ELECTRIC CABLE AND SAFETY CORD

FOR ADDITIONAL INFORMATION PLEASE CONSULT OUR TECHNICAL LITERATURE

**SUBMERSIBLE PUMPS AND MOTORS**

# OVERVIEW

## SUBMERSIBLE PUMPS

6"

10"



AVAILABLE VERSION  
AISI 316

SERIES	SS6 - SS7 - SS8 - SS10
TECHNICAL DATA	<ul style="list-style-type: none"> <li>• <b>MAX DELIVERY:</b> 260 m<sup>3</sup>/h</li> <li>• <b>MAX HEAD:</b> 670 m</li> <li>• <b>POWER RANGE:</b> 4 kW - 190 kW</li> </ul>
FEATURES	<ul style="list-style-type: none"> <li>• <b>HYDRAULIC PART</b> <ul style="list-style-type: none"> <li>- Pump body: AISI 304 pressed steel</li> <li>- Impellers: AISI 304 pressed steel</li> <li>- Diffusers: AISI 304 pressed steel</li> </ul> </li> <li>• <b>MOTOR</b> <ul style="list-style-type: none"> <li>- Type: <ul style="list-style-type: none"> <li><b>6GF:</b> canned water-filled - resin-filled canned stator</li> <li><b>TR6 - TR10:</b> rewindable water-filled</li> </ul> </li> <li>- Materials: AISI 304 stainless steel and cast iron</li> </ul> </li> </ul>
EXTRA	DIFFERENT VOLTAGE AND SPECIAL MATERIALS (AISI 316) FOR AGGRESSIVE WATER AVAILABLE ON REQUEST

FOR ADDITIONAL INFORMATION PLEASE CONSULT OUR TECHNICAL LITERATURE





## SUBMERSIBLE PUMPS

6"



8"

12"



AVAILABLE VERSION  
AISI 316

SERIES	SMC6	SMC8 - SMC10 - SMC12
TECHNICAL DATA	<ul style="list-style-type: none"> <li>• <b>MAX DELIVERY:</b> 84 m<sup>3</sup>/h</li> </ul>	<ul style="list-style-type: none"> <li>• <b>MAX DELIVERY:</b> 540 m<sup>3</sup>/h</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>MAX HEAD:</b> 452 m</li> </ul>	<ul style="list-style-type: none"> <li>• <b>MAX HEAD:</b> 488 m</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>POWER RANGE:</b> 4 kW - 45 kW</li> </ul>	<ul style="list-style-type: none"> <li>• <b>POWER RANGE:</b> 4 kW - 250 kW</li> </ul>
FEATURES	<ul style="list-style-type: none"> <li>• <b>HYDRAULIC PART</b> <ul style="list-style-type: none"> <li>· Pump body: cast iron with cataphoresis coating</li> <li>· Impellers: precision cast steel AISI304</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• <b>HYDRAULIC PART</b> <ul style="list-style-type: none"> <li>· Pump body: cast iron with cataphoresis coating</li> <li>· Impellers: cast iron, with cataphoresis coating (SMC8 60 -SMC8 85), precision cast steel</li> </ul> </li> </ul>
	<ul style="list-style-type: none"> <li>• <b>MOTOR</b> <ul style="list-style-type: none"> <li>· Type: <ul style="list-style-type: none"> <li><b>6GF:</b> canned water-filled-resin-filled canned stator</li> <li><b>TR6:</b> rewindable water-filled</li> </ul> </li> <li>· Materials: AISI 304 stainless steel and cast iron</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• <b>MOTOR</b> <ul style="list-style-type: none"> <li>· Type: <ul style="list-style-type: none"> <li><b>6GF:</b> canned water-filled-resin-filled canned stator</li> <li><b>TR6-TR12:</b> rewindable water-filled</li> </ul> </li> <li>· Materials: AISI 304 stainless steel and cast iron</li> </ul> </li> </ul>
EXTRA	DIFFERENT VOLTAGE AVAILABLE ON REQUEST	DIFFERENT VOLTAGE AND SPECIAL MATERIALS (AISI 316) FOR AGGRESSIVE WATER AVAILABLE ON REQUEST

FOR ADDITIONAL INFORMATION PLEASE CONSULT OUR TECHNICAL LITERATURE

# OVERVIEW

## SUBMERSIBLE MOTORS

3"



4"



SERIES	3GF - 3HS	4GG - 4GX - 4TW - 4OL
TECHNICAL DATA	<ul style="list-style-type: none"> <li><b>POWER RANGE</b> SINGLE-PHASE: 0,37 kW - 0,75 kW / 0.5 HP - 1 HP THREE-PHASE: 0,37 kW - 0,75 kW / 0.5 HP - 1 HP</li> </ul>	<ul style="list-style-type: none"> <li><b>POWER RANGE</b> <b>4GG - 4GX - 4OL</b> SINGLE-PHASE: 0,37 kW - 4 kW / 0.5 HP - 5 HP <b>4GG - 4GX - 4OL</b> THREE-PHASE: 0,37 kW - 7,5 kW / 0.5 HP - 10 HP <b>4TW</b> SINGLE-PHASE: 0,37 kW - 1,1 kW / 0.5 HP - 1,5 HP</li> </ul>
FEATURES	<ul style="list-style-type: none"> <li><b>TYPE</b> <b>3GF:</b> canned water-filled - resin-filled canned stator <b>3HS:</b> high-speed (7600 rpm) canned water-filled resin-filled canned stator</li> </ul>	<ul style="list-style-type: none"> <li><b>TYPE</b> <b>4GG:</b> canned water-filled - resin-filled canned stator <b>4GX:</b> canned water-filled (AISI316) resin-filled canned stator <b>4TW:</b> encapsulated water-filled motor with Resin-filled stator, toroidal capacitor included <b>4OL:</b> rewindable oil-filled</li> </ul>
	<ul style="list-style-type: none"> <li><b>MATERIALS</b> <b>3GF:</b> AISI 304 stainless steel and brass <b>3HS:</b> AISI 304 stainless steel and brass</li> </ul>	<ul style="list-style-type: none"> <li><b>MATERIALS</b> <b>4GG:</b> AISI 304 stainless steel <b>4GX:</b> AISI 316 stainless steel <b>4TW:</b> AISI 304 stainless steel <b>4OL:</b> AISI 304 stainless steel</li> </ul>
EXTRA	DIFFERENT VOLTAGE AVAILABLE ON REQUEST	DIFFERENT VOLTAGE AVAILABLE ON REQUEST

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## SUBMERSIBLE MOTORS

6"



6"

14"



SERIES	6GF - 6GX	TR6 - TR8 - TR10 - TR12 - TR14
TECHNICAL DATA	<ul style="list-style-type: none"> <li><b>POWER RANGE</b></li> <li><b>6GF - 6GX SINGLE-PHASE:</b> 3,7 kW - 11 kW</li> <li><b>6GF - 6GX THREE-PHASE:</b> 4 kW - 37 kW / 5.5 HP - 60 HP</li> </ul>	<ul style="list-style-type: none"> <li><b>POWER RANGE</b></li> <li><b>TR6 THREE-PHASE:</b> 2 poles 5,5 kW - 45 kW / 7,5 HP - 60 HP</li> <li><b>TR8 THREE-PHASE:</b> 2 poles 22 kW - 110 kW / 30 HP - 150 HP 4 poles 11kW - 45 kW / 15 HP - 60 HP</li> <li><b>TR10 THREE-PHASE:</b> 2 poles 75 kW - 190 kW / 100 HP - 260 HP 4 poles 30 kW - 110 kW / 40 HP - 150 HP</li> <li><b>TR12 THREE-PHASE:</b> 2 poles 132 kW - 300 kW / 180 HP - 400 HP 4 poles 75 kW - 147 kW / 100 HP - 200 HP</li> <li><b>TR14 THREE-PHASE :</b> 2 poles 220 kW - 400 kW / 300 HP - 550 HP 4 poles 170 kW - 300 kW / 230 HP - 400 HP</li> </ul>
FEATURES	<ul style="list-style-type: none"> <li><b>TYPE</b> canned water-filled</li> <li><b>MATERIALS</b> <b>6GF:</b> AISI 304 stainless steel and cast iron resin-filled canned stator <b>6GX:</b> AISI 316 stainless steel - resin-filled canned stator</li> </ul>	<ul style="list-style-type: none"> <li><b>TYPE</b> rewindable water-filled</li> <li><b>MATERIALS</b> <b>STANDARD VERSIONS:</b> AISI 304 stainless steel and cast iron <b>SPECIAL VERSION:</b> AISI 316 /904 stainless steel</li> <li>AVAILABLE ON REQUEST A PE2 + PA WINDING VERSION FOR INVERTER APPLICATION</li> </ul>
EXTRA	DIFFERENT VOLTAGE AVAILABLE ON REQUEST	AVAILABLE FULL RANGE OF 4 POLES REWINDABLE WATER-FILLED MOTORS

FOR ADDITIONAL INFORMATION PLEASE CONSULT OUR TECHNICAL LITERATURE

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