

SUBMERSIBLE PUMPS AND MOTORS

PRODUCT OVERVIEW





DAB AND TESLA



MESTRINO (PD)



SAN GERMANO DEI BERICI (VI)

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 also 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 24", 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 includes water encapsulated engines (4" and 6"), water cooled 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.



PUMPS FROM 3" TO 4" RANGE



DAB is 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 $MEI \geq 0,4$



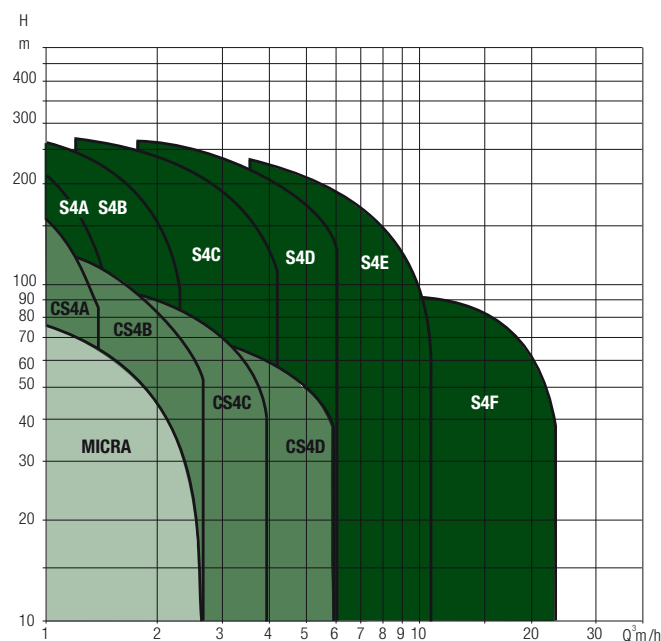
PUMPS FROM 6" TO 12" PUMPS



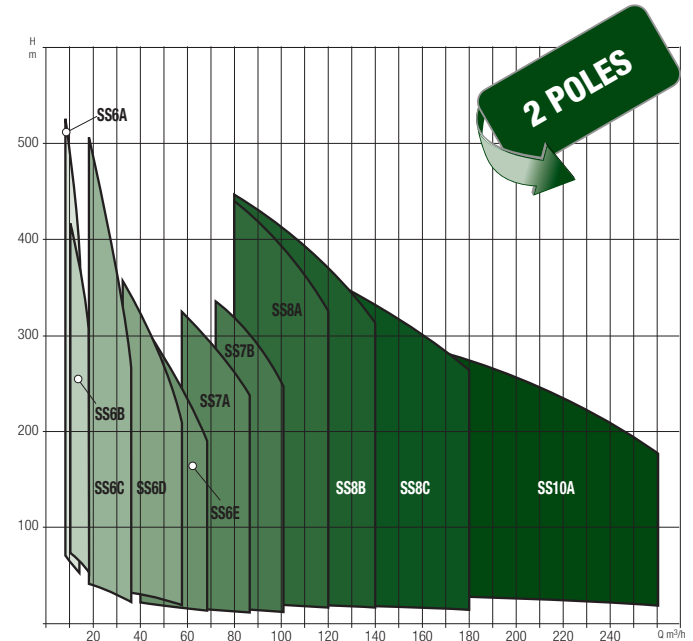
PUMPS FROM 3" TO 14" MOTORS



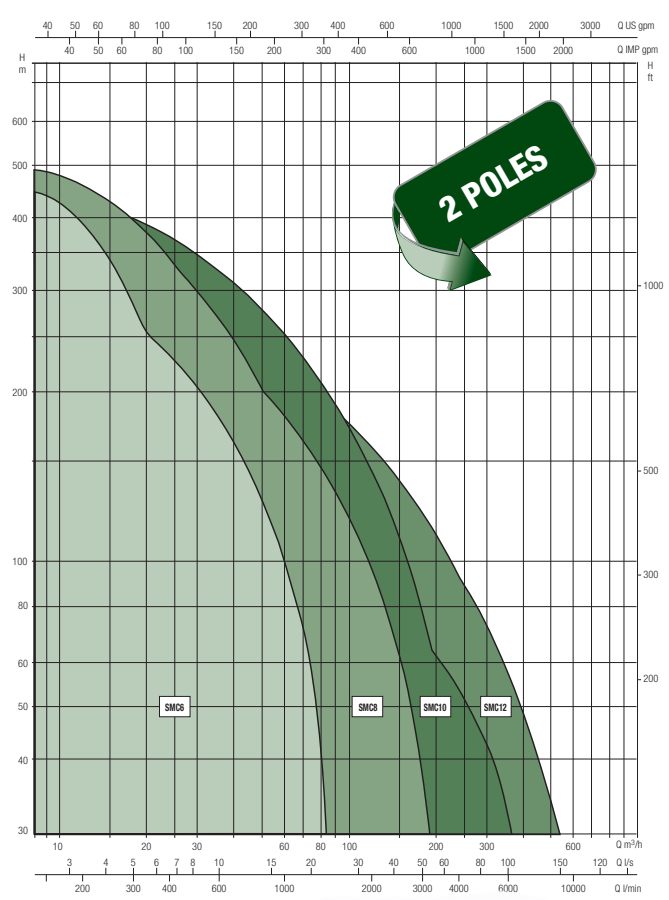
PERFORMANCE RANGE FROM **3" TO 4"**



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



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









SERIES	MICRA HS - MICRA	CS4
SUBMERSIBLE PUMPS	 <p>HIGH SPEED 110 Hz</p> <p>3"</p>	 <p>4"</p>
TECHNICAL DATA	<ul style="list-style-type: none"> • MAX DELIVERY MICRA HS: 5,5 m³/h MICRA: 2,5 m³/h • MAX HEAD: 90 m • MAX FREQUENCY MICRA HS: 110 Hz (6300 rpm) MICRA: 50 Hz (2900 rpm) 	<ul style="list-style-type: none"> • MAX DELIVERY: 6 m³/h • MAX HEAD: 230 m • POWER RANGE: 0,37 kW - 1,1 kW / 0.5 hp - 1,5 hp
FEATURES	<ul style="list-style-type: none"> • HYDRAULIC PART <ul style="list-style-type: none"> · Pump body: Stainless steel · Impellers: noryl · Diffusers: self-lubricating polyacetal · Base support and head: brass • MOTOR <ul style="list-style-type: none"> · Type: <ul style="list-style-type: none"> 3HS: high speed - canned water-filled 3GF: canned water-filled · Materials: AISI 304 Stainless steel and brass 	<ul style="list-style-type: none"> • HYDRAULIC PART <ul style="list-style-type: none"> · Pump body: Stainless steel · Impellers: noryl · Diffusers: noryl · Base support and head: tecnopolymer • MOTOR <ul style="list-style-type: none"> · Type: <ul style="list-style-type: none"> 4GG: canned water-filled 4OL: rewindable oil-filled · Materials: AISI 304 stainless steel
EXTRA	<p>MICRA HS PACKAGE INCLUDES THE ACTIVE DRIVER M/T 2.2 110 Hz</p>	<p>SUPPLIED WITH CONTROL BOX FOR THE SINGLE PHASE VERSION, 15 or 30 meters cable and security rope AVAILABLE VERSION WITH 4TW MOTOR WITH INTEGRATED CAPACITOR WHICH DOES NOT REQUIRE THE USE OF CONTROL BOX</p>

FOR ADDITIONAL INFORMATION PLEASE CONSULT OUR TECHNICAL LITERATURE

SERIES	S4	SS6 - SS7 - SS8 - SS10
SUBMERSIBLE PUMPS	 <p>4"</p>	 <p>6" 10"</p>
TECHNICAL DATA	<ul style="list-style-type: none"> • MAX DELIVERY: 27 m³/h • MAX HEAD: 318 m • POWER RANGE: 0,37 kW - 5,5 kW / 0.5 hp - 7,5 hp 	<ul style="list-style-type: none"> • MAX DELIVERY: 260 m³/h • MAX HEAD: 670 m • POWER RANGE: 4 kW - 190 kW
FEATURES	<ul style="list-style-type: none"> • HYDRAULIC PART <ul style="list-style-type: none"> · Pump body: Stainless steel · Impellers: noryl · Diffusers: noryl · Base support and head: AISI 304 stainless steel • MOTOR <ul style="list-style-type: none"> · Type: <ul style="list-style-type: none"> 4GG: canned water-filled 4OL: rewindable oil-filled · Materials: AISI 304 stainless steel 	<ul style="list-style-type: none"> • HYDRAULIC PART <ul style="list-style-type: none"> · Pump body: AISI 304 pressed steel · Impellers: AISI 304 pressed steel · Diffusers: AISI 304 pressed steel • MOTOR <ul style="list-style-type: none"> · Type: <ul style="list-style-type: none"> 6GF: canned water-filled TR6 - TR10: rewindable water-filled · Materials: AISI 304 stainless steel and cast iron
EXTRA	<p>AVAILABLE VERSION WITH 4TW MOTOR WITH INTEGRATED CAPACITOR WHICH DOES NOT REQUIRE THE USE OF CONTROL BOX</p> <p>AVAILABLE ON REQUEST CONTROL PANELS, INVERTER PANELS AND ACCESSORIES. ADDITIONAL INFORMATION ON PRICE LIST.</p>	<p>DIFFERENT VOLTAGE AVAILABLE ON REQUEST AND SPECIAL MATERIALS (AISI 316) FOR APPLICATION IN AGGRESSIVE WATER</p>

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SERIES	SMC6	SMC8 - SMC10 - SMC12
SUBMERSIBLE PUMPS	  	  
TECHNICAL DATA	<ul style="list-style-type: none"> • MAX DELIVERY: 84 m³/h • MAX HEAD: 452 m • POWER RANGE: 4 kW - 45 kW 	<ul style="list-style-type: none"> • MAX DELIVERY: 540 m³/h • MAX HEAD: 488 m • POWER RANGE: 4 kW - 250 kW
FEATURES	<ul style="list-style-type: none"> • HYDRAULIC PART <ul style="list-style-type: none"> · Pump body: cast iron with cataphoresis coating · Impellers: AISI 304 stainless steel • MOTOR <ul style="list-style-type: none"> · Type: <ul style="list-style-type: none"> 6GF: canned water-filled TR6: rewindable water-filled · Materials: AISI 304 stainless steel and cast iron 	<ul style="list-style-type: none"> • HYDRAULIC PART <ul style="list-style-type: none"> · Pump body: cast iron with cataphoresis coating · Impellers: cast iron, with cataphoresis coating (SMC8 60 -SMC8 85), AISI 304 Stainless steel • MOTOR <ul style="list-style-type: none"> · Type: <ul style="list-style-type: none"> 6GF: canned water-filled TR6-TR12: rewindable water-filled · Materials: AISI 304 stainless steel and cast iron
EXTRA	DIFFERENT VOLTAGE AVAILABLE ON REQUEST	DIFFERENT VOLTAGE AVAILABLE ON REQUEST AND SPECIAL MATERIALS FOR APPLICATION IN AGGRESSIVE WATER

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SERIES	3GF - 3GS - 3HS	4GG - 4GX - 4TW - 40L
SUBMERSIBLE MOTORS	 	 
TECHNICAL DATA	<ul style="list-style-type: none"> POWER RANGE SINGLEPHASE: 0,37 kW - 0,75 kW / 0.5 hp - 1 hp THREEPHASE: 0,37 kW - 0,75 kW / 0.5 hp - 1 hp 	<ul style="list-style-type: none"> POWER RANGE 4GG - 4GX - 40L SINGLEPHASE: 0,37 kW - 3,7 kW / 0.5 hp - 5 hp 4GG - 4GX - 40L THREEPHASE: 0,37 kW - 7,5 kW / 0.5 hp - 10 hp 4TW SINGLEPHASE: 0,37 kW - 1,1 kW / 0.5 hp - 1,5 hp
FEATURES	<ul style="list-style-type: none"> TYPE 3GF: canned water-filled 3GS: canned water-filled 3HS: high-speed (6300 rpm) canned water-filled MATERIALS 3GF: AISI 304 stainless steel and brass 3GS: AISI 304 stainless steel 3HS: AISI 304 stainless steel and brass 	<ul style="list-style-type: none"> TYPE 4GG: canned water-filled 4GX: canned water-filled (AISI316) 4TW: canned water-filled (capacitor included) 40L: rewindable oil-filled MATERIALS 4GG: AISI 304 stainless steel 4GX: AISI 316 stainless steel 4TW: AISI 304 stainless steel and noryl (capacitor cartridge) 40L: AISI 304 stainless steel
EXTRA	DIFFERENT VOLTAGE AVAILABLE ON REQUEST	DIFFERENT VOLTAGE AVAILABLE ON REQUEST

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SERIES	6GF - 6GX	TR6-TR8 - TR10 - TR12 - TR14
SUBMERSIBLE MOTORS	 	 
TECHNICAL DATA	<ul style="list-style-type: none"> • POWER RANGE 6GF - 6GX - THREEPHASE: 4 kW - 37 kW / 5.5 hp - 50 hp 	<ul style="list-style-type: none"> • POWER RANGE TR6 THREEPHASE: 5,5 kW - 45 kW / 7,5 hp - 50 hp TR8 THREEPHASE: 30 kW - 110 kW / 40 hp - 150 hp TR10 THREEPHASE: 75 kW - 190 kW / 100 hp - 250 hp TR12 THREEPHASE: 132 kW - 300 kW / 180 hp - 340 hp TR14 THREEPHASE : 220 kW - 400 kW / 300 hp - 550 hp
FEATURES	<ul style="list-style-type: none"> • TYPE canned water-filled • MATERIALS 6GF: AISI 304 stainless steel and cast iron 6GX: AISI 316 stainless steel 	<ul style="list-style-type: none"> • TYPE rewindable water-filled • MATERIALS STANDARD VERSIONS: AISI 304 stainless steel and cast iron SPECIAL VERSION: AISI 316 /904 stainless steel <p>AVAILABLE ON REQUEST A PE2 + PA WINDING VERSION FOR INVERTER APPLICATION</p>
EXTRA	DIFFERENT VOLTAGE AVAILABLE ON REQUEST	AVAILABLE FULL RANGE OF 4 POLES REWINDABLE WATER-FILLED MOTORS

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DAB PUMPS LTD.
Unit 4 and 5, Stortford Hall Industrial Park,
Dunmow Road,
Bishops Stortford,
Herts
CM23 5GZ - UK
salesuk@dwgroup.com
Tel. +44 1279 652 776
Fax +44 1279 657 727



DAB PUMPS B.V.
Brusselstraat 150
B-1702 Groot-Bijgaarden - Belgium
info.belgium@dwgroup.com
Tel. +32 2 4668353
Fax +32 2 4669218



DAB PUMPS B.V.
Albert Einsteinweg, 4
5151 DL Drunen - Nederland
info.netherlands@dwgroup.com
Tel. +31 416 387280
Fax +31 416 387299



DAB PUMPEN DEUTSCHLAND GmbH
Tackweg 11
D - 47918 Tönisvorst - Germany
info.germany@dwgroup.com
Tel. +49 2151 82136-0
Fax +49 2151 82136-36



DAB PUMPS IBERICA S.L.
Avenida de Castilla nr.1 Local 14
28830 - San Fernando De Henares - Madrid
Spain
info.spain@dwgroup.com
Tel. +34 91 6569545
Fax: +34 91 6569676



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



DAB PUMPS POLAND Sp. z o.o.
Mokotow Marynarska
ul. Postępu 15C
02-676 Warszawa - Poland
Tel. +48 223 81 6085



DAB UKRAINE Representative Office
Regus Horizon Park
4 M. Hrinchenka St, suit 147
03680 Kiev - Ukraine
Tel. +38 044 391 59 43



OOO DAB PUMPS
Novgorodskaya str. 1, block G
office 308, 127247, Moscow - Russia
info.russia@dwgroup.com
Tel. +7 495 122 0035
Fax +7 495 122 0036



DAB PUMPS INC.
3226 Benchmark Drive
Ladson, SC 29456 - USA
info.usa@dwgroup.com
Tel. 1-843-824-6332
Toll Free 1-866-896-4DAB (4322)
Fax 1-843-797-3366



DWT SOUTH AFRICA
Podium at Menlyn,
3rd Floor, Unit 3001b, 43 Ingersol Road,
C/O Lois and Atterbury street,
Menlyn, Pretoria, 0181 - South-Africa
info.sa@dwgroup.com
Tel. +27 12 361 3997
Fax +27 12 361 3137



DAB PUMPS CHINA
No.40 Kaituo Road, Qingdao Economic & Technological
Development Zone
Qingdao City, Shandong Province - China
PC: 266500
info.china@dwgroup.com
Tel. +8653286812030-6270
Fax +8653286812210



DAB PUMPS DE MÉXICO, S.A. DE C.V.
Av Gral Álvaro Obregón 270, oficina 355
Hipódromo, Cuauhtémoc 06100
México, D.F.
Tel. +52 55 6719 0493