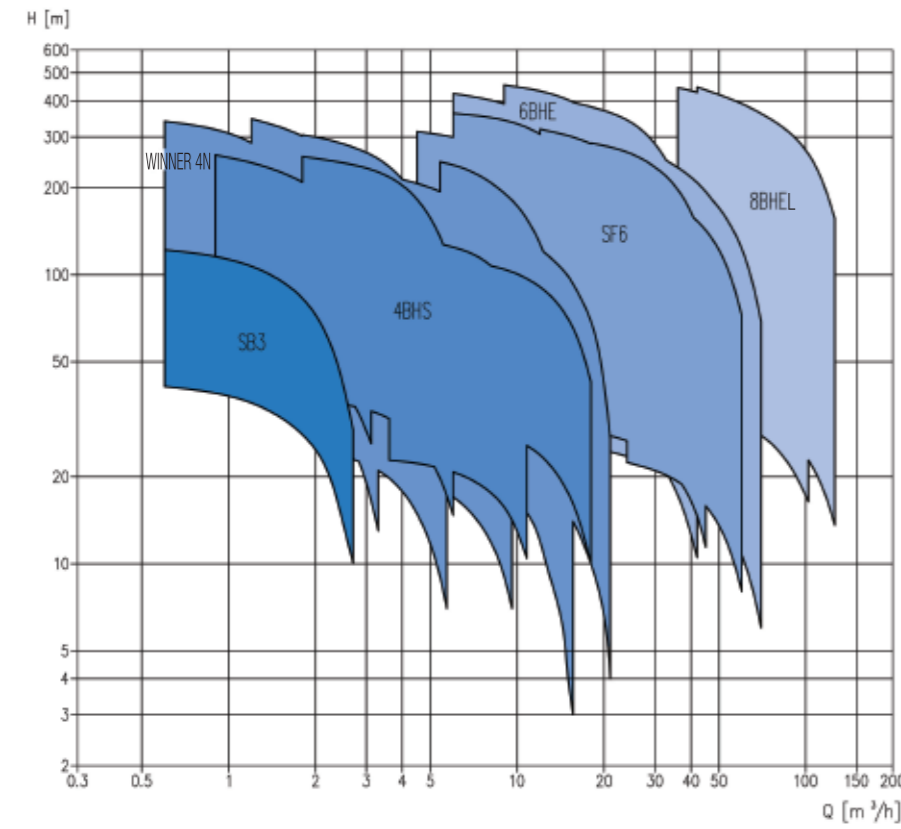


motralec

4 rue Lavoisier - ZA Lavoisier - 95223 HERBLAY CEDEX
Tel. : 01.39.97.65.10 / Fax. : 01.39.97.68.48
Demande de prix / e-mail : service-commercial@motralec.com
www.motralec.com

The borehole range includes:

- SB3: 3" borehole pumps
- WINNER 4N: 4" borehole pumps
- 4BHS: 4" borehole pumps
- 6BHE: 6" borehole pumps
- 8BHEL: 8" borehole pumps



EBARA PUMPS EUROPE S.p.A. reserves the right to make modifications without prior notice, all specifications could be subject to change



3" - 4" - 6" - 8"



EBARA

NEW BOREHOLE 3"- 8"
PUMPS RANGE

NEW



EBARA PUMPS EUROPE S.p.A.
Via Pacinotti, 32
36040 Brendola (Vicenza), Italy
Phone: +39 0444 706811
Fax: +39 0444 706950
Plants: Cles, Brendola
marketing@ebaraeurope.com
www.ebaraeurope.com

cod. 479705384 04/07



NEW BOREHOLE 3"- 8"
PUMPS RANGE





NEW BOREHOLE 3"- 8" PUMPS RANGE

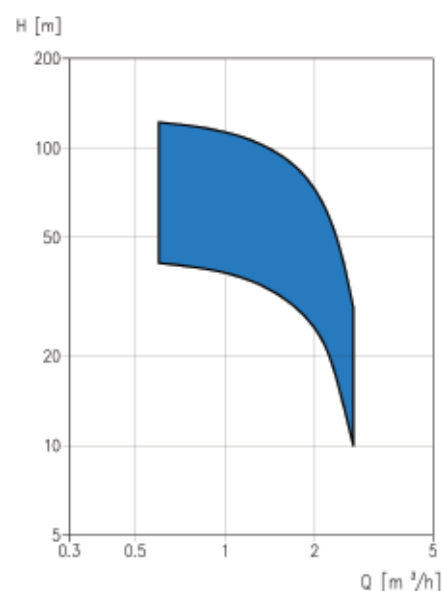
EBARA Pumps Europe is a market leader in the pumps production and design and presents a wide range of Borehole pumps from 3" up to 8". Thanks to the range enlargement, EBARA Pumps Europe can offer cutting-edge technical solutions for water supply systems on housing, irrigation field and industrial applications.

Every product and system supplied by EBARA Pumps Europe is designed to guarantee superior functionality. The entire manufacturing cycle is subjected to a strict and comprehensive quality control program.

EBARA pumps: innovation, technology, reliability and quality.

3" BOREHOLE PUMPS

SB3



FIELD OF APPLICATION AND OPERATING RANGES
Suitable for handling clear water in wells, clean water boosting for agricultural, domestic or industrial use, irrigation and handling water in general.

- Maximum immersion: 60 m
- Maximum temperature of water pumped: 30°C

MATERIALS

- AISI 304 stainless steel jacket, delivery port, motor connection.
- Diffusers: polycarbonate
- Impeller: fibreglass-reinforced PPO
- DN (delivery): 1"
- Cable exit cannot be disconnected
- Built-in non-return valve

SPECIFICATIONS

- 2-pole motor oil-bath motor
- NEMA standard
- Food-quality oil
- Hub: AISI 303 stainless steel
- Cover: nickel-plated brass
- Single-phase: 230V (+6-10%) 50 Hz, three-phase: 400V (+6-10%) 50 Hz
- Insulation class F
- Protection degree IP58

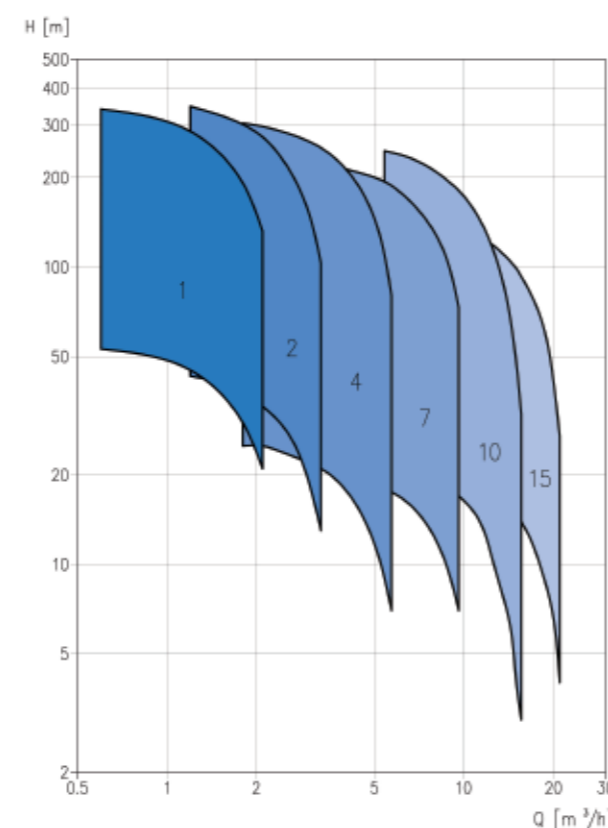


motralec

4 rue Lavoisier . ZA Lavoisier . 95223 HERBLAY CEDEX
Tel. : 01.39.97.65.10 / Fax. : 01.39.97.68.48
Demande de prix / e-mail : service-commercial@motralec.com
www.motralec.com

4" BOREHOLE PUMPS

WINNER 4N



FIELD OF APPLICATION AND OPERATING RANGES

New submersible motor-driven centrifugal pumps with front distancing plate for impeller suitable for handling clear water in wells, clean water boosting for agricultural, domestic or industrial use, irrigation and handling water in general. They can also be used horizontally.

- Maximum immersion: 150 m (OY), 350 m (WY)
- Maximum liquid temperature: 40°C (depends on max. temp. motor)
- Maximum sand content: 50 ppm
- Maximum chlorine content: 500 ppm

MATERIALS

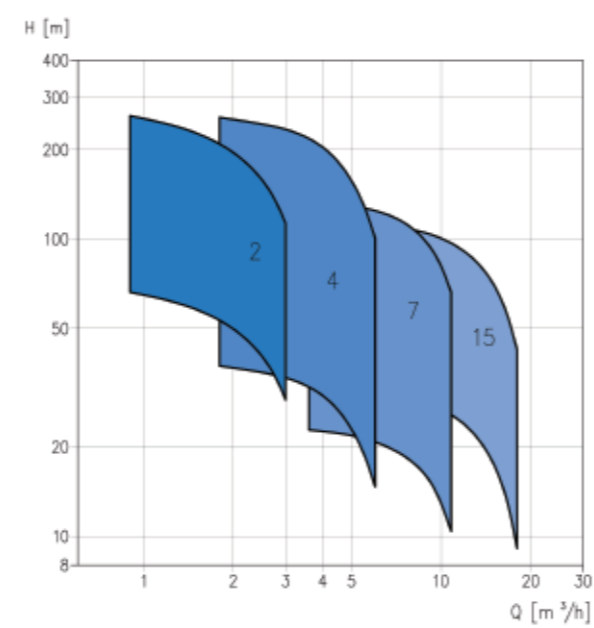
- AISI 304 stainless steel jacket, shaft, suction and delivery port, suction filter, non-return valve.
- Technopolymer impeller and diffuser

SPECIFICATIONS

- 2-poles motor, water-bath version (WY) or oil-bath version (OY)
- Max. starts per hour: 35 (OY), 30 (WY)
- Insulation class F (OY), B (WY)
- Protection degree IP58 (OY), IP68 (WY)
- Single-phase 230V (+6% -10%) 50 Hz (OYM), three-phase 400V (+6-10%) 50 Hz (OY), Single-phase 230V (±6%) 50 Hz (WYM), three-phase 400V (±6%) 50 Hz (WY)
- DN (delivery) 1 1/2" for 4N1-4N2-4N4 models, 2" for 4N7-4N10-4N15 models



4BHS



FIELD OF APPLICATION AND OPERATING RANGES

Submersible centrifugal pumps with all-AISI 304 stainless steel construction. Reliable, lightweight, corrosion resistant and offering exceptional performance owing to the smooth surfaces of the impellers and diffusers. Used in domestic, agricultural and industrial water supply systems, pressure boosting systems, firefighting. Also suitable for irrigation, washing and handling clear water in general. Suitable for coupling with 4" NEMA-standard motors. Comes in two versions: W4BHS with water-bath motor, O4BHS with oil-bath motor.

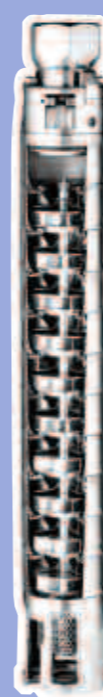
- Maximum immersion: 150 m
- Maximum liquid temperature: 30°C
- Maximum sand content: 50 ppm
- Maximum chlorine content: 500 ppm

MATERIALS

- AISI 304 mount, ports, coupling, impeller, diffuser, valve, stages, tie rods and cable cover
- AISI 316 shaft
- AISI 304/technopolymer shim washers

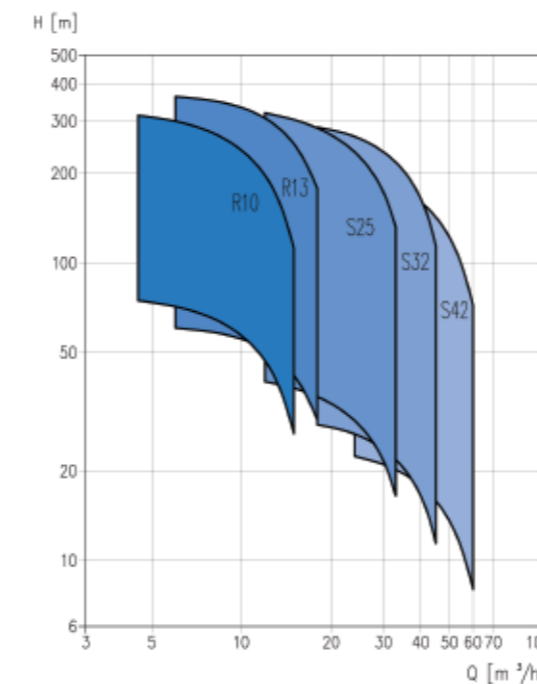
SPECIFICATIONS

- Pumps come in the following versions:
 - Motor-driven pump O4BHS with OY non-toxic oil-bath motor
 - Motor-driven pump W4BHS with WY water-bath motor (max. water temperature 30°C). Both motors have the following specifications:
 - 2 poles 50Hz
 - Single-phase version from 0,55 to 2,2 kW, 230V
 - Three-phase version from 0,55 to 5,5 kW, 400V
 - Insulation class F (OY), B (WY)
 - Protection degree IP 58
 - Quick coupler for power cord
 - Max. starts per hour: 30
 - G 1 1/2" (4BHS 2)
 - G 1" 1/2" (4BHS 4)
 - G 2" (4BHS 7 - 4BHS 15)



6" BOREHOLE PUMPS

SF6



FIELD OF APPLICATION AND OPERATING RANGES

6" submersible motor-driven centrifugal pumps suitable for residential, commercial and industrial water supply systems, pressure boosting systems, irrigation and water pipes for communities, hospitals etc..

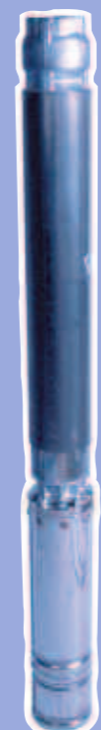
- Maximum liquid temperature: 30°C
- Maximum sand content: 50 ppm

MATERIALS

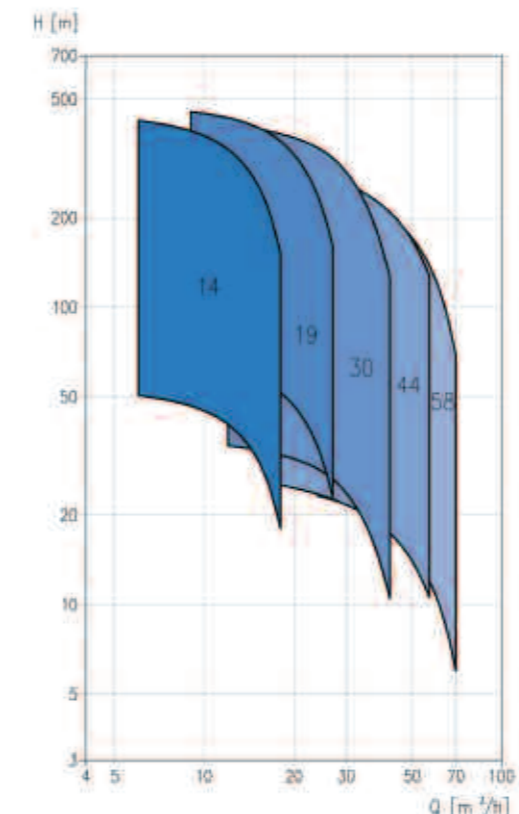
- AISI 304 jacket, spacers, shim washers, non-return valve, cable protection, suction grid, delivery and suction casing
- Fibreglass-reinforced technopolymer impellers and diffusers
- AISI 420 shaft

SPECIFICATIONS

- 2-poles motors:
- 4" version up to 5,5 kW
- and 6" version from 7,5 kW up to 30 kW
- Delivery:
 - 2" 1/2" for SF6 R10-R13
 - 3" for SF6 S25-S32-S42 series
- Standard: direct starting



6BHE



BHE Stainless steel submersible pumps for 6" and larger deep wells.

Radial liquid end configurations are available in three models for high heads and medium deliveries and two models of mix-flow liquids ends for medium heads and high deliveries.

FIELD OF APPLICATION

- Water feeding from deep wells
- Sprinkling and flow irrigation systems
- Irrigation systems, water treatment plants filtration and reverse osmosis
- Industrial cooling and processing
- Fountains
- Fire-fighting systems

FEATURES

- Completely manufactured in aisi 304 stainless steel to ensure high corrosion resistance and to prolong the time life, besides a perfect alignment of all the components.
- Stainless steel impellers and diffusers assure excellent performances.
- Teflon floating neck ring, ceramic guide journal and nitrile rubber fluted bearing to allow excellent abrasive handling, wear resistance, constant performances and product reliability.
- A check valve is built-in the discharge head
- Very compact pump suitable also for horizontal operation
- Thanks to the simple hydraulic design, easy to install and service

OPERATING RANGES

- Capacities up to 70 m³/h
- Heads up to 454 m
- Maximum sand content: 50 ppm
- Water temperature range: from 0°C to 50°C
- Rotation: counter clockwise when looking into discharge
- Pump can work continuously both vertically or horizontally
- Coupling and motor adapter according to nema standard

AVAILABLE ON REQUEST

- AISI 316 stainless steel version (DINEN 1.4401)
- Double cable guard for starting of star/delta motors
- BHE 14 and BHE 19 types with Rp 2" and 3" discharge head
- For all other models Rp 4" discharge head
- 4" motor adapter
- High temperature version (up to 90°C)



8" BOREHOLE PUMPS

8BHEL

BHE Stainless steel submersible pumps for 8" and larger deep wells.
This heavy-duty 8" submersible pump range is specially designed for high volume water needs.

FIELD OF APPLICATION

- Water feeding from deep wells
- Sprinkling and flow irrigation systems
- Irrigation systems, water treatment plants filtration and reverse osmosis.
- Industrial cooling and processing
- Fountains
- Fire-fighting systems

FEATURES

- Completely manufactured in AISI 316 stainless steel to ensure high corrosion resistance and to prolong the time life
- Stainless steel impellers and diffusers assure excellent performances and reduce energy consumption
- External sleeve to improve stiffness and ensure a constant alignment of all the internal components
- Motor adapter and discharge head may be easily removed
- Teflon floating neck ring, ceramic guide journal and nitrile rubber fluted bearing to allow excellent abrasive handling, wear resistance, constant performances and product reliability.
- A check valve is built-in the discharge head
- Very compact pump suitable also for horizontal operation
- Easy maintenance without the need of special tools

OPERATING RANGES

- Capacities up to 126 m³/h
- Heads up to 497 m
- Maximum sand content: 50 ppm
- Water temperature range: from 0°C to 50°C
- Rotation: counter clockwise when looking into discharge
- Pump can work continuously both vertically or horizontally
- Coupling and motor adapter according to nema standard

AVAILABLE ON REQUEST

- Double cable guard for starting of star/delta motors
- Discharge outlet adapters for 4" RP PIPE
- 8" motor bracket for 30 kW and 37 kW motors
- High temperature version (up to 90°C)

