

Receiver

From

Company
Reference
Address
Phone
Fax
E-mail

Item n° :
60190970

Customer pos. no.:

Model :
S4 4/19 M 230 V 4GG AMEIRA

Inverter application : Allowed - min. 30Hz

Pump data

MEI $\geq 0,4$

P2 nominal requested : 1,5 kW

Min. fluid temperature : 0 °C

Max. fluid temperature : 40 °C

Max. Permitted amount of sand : 150 g/m³

Requested data

Flow :

Head :

Fluid : Water

Fluid Temperature : 20 °C

Density : 998,3 kg/m³

Kinematic viscosity : 1,005 mm²/s

Vapor pressure : 0,00234 MPa

Hydraulic data (duty point)

Flow :

Head :

Materials

Lower support Precision Cast Steel AISI 304

Impeller Technopolymer

Diffuser Technopolymer

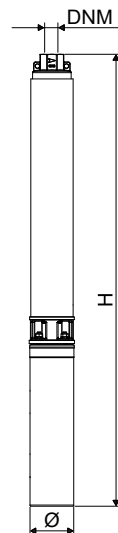
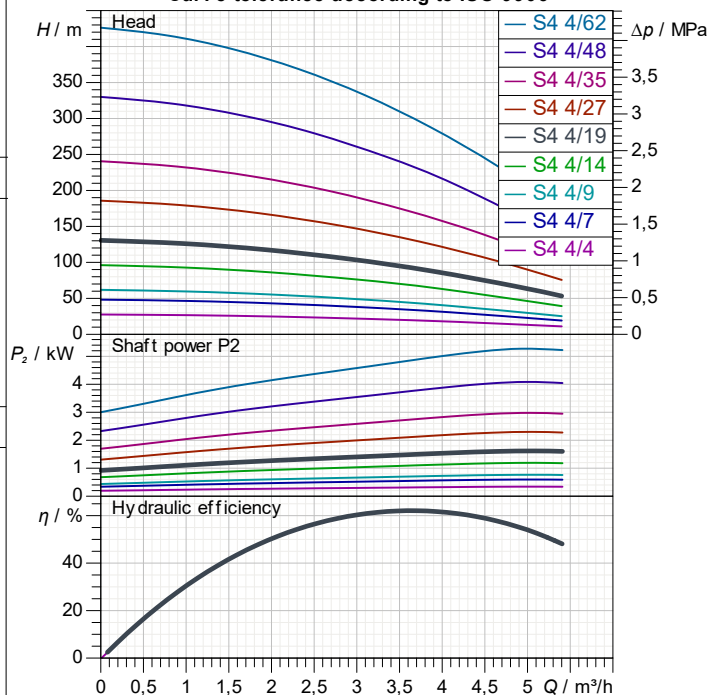
Screws Stainless Steel AISI 304

Cable sheath Stainless Steel AISI 304

Shaft with coupling Stainless Steel AISI 304

Delivery port Precision Cast Steel AISI 304

Curve tolerance according to ISO 9906



Motor data

Motor type : 4GG

Nominal power P2 : 1,5 kW

Rated voltage : 1~ 230 V

50 Hz

Nominal current : 11 A

Number of poles : 2

Rated speed : 2.830 1/min

Degree of protection : IP 68

Weight : 19,8 kg

Dimensions in mm

H	1.087				
Ø	99				

Pump connection

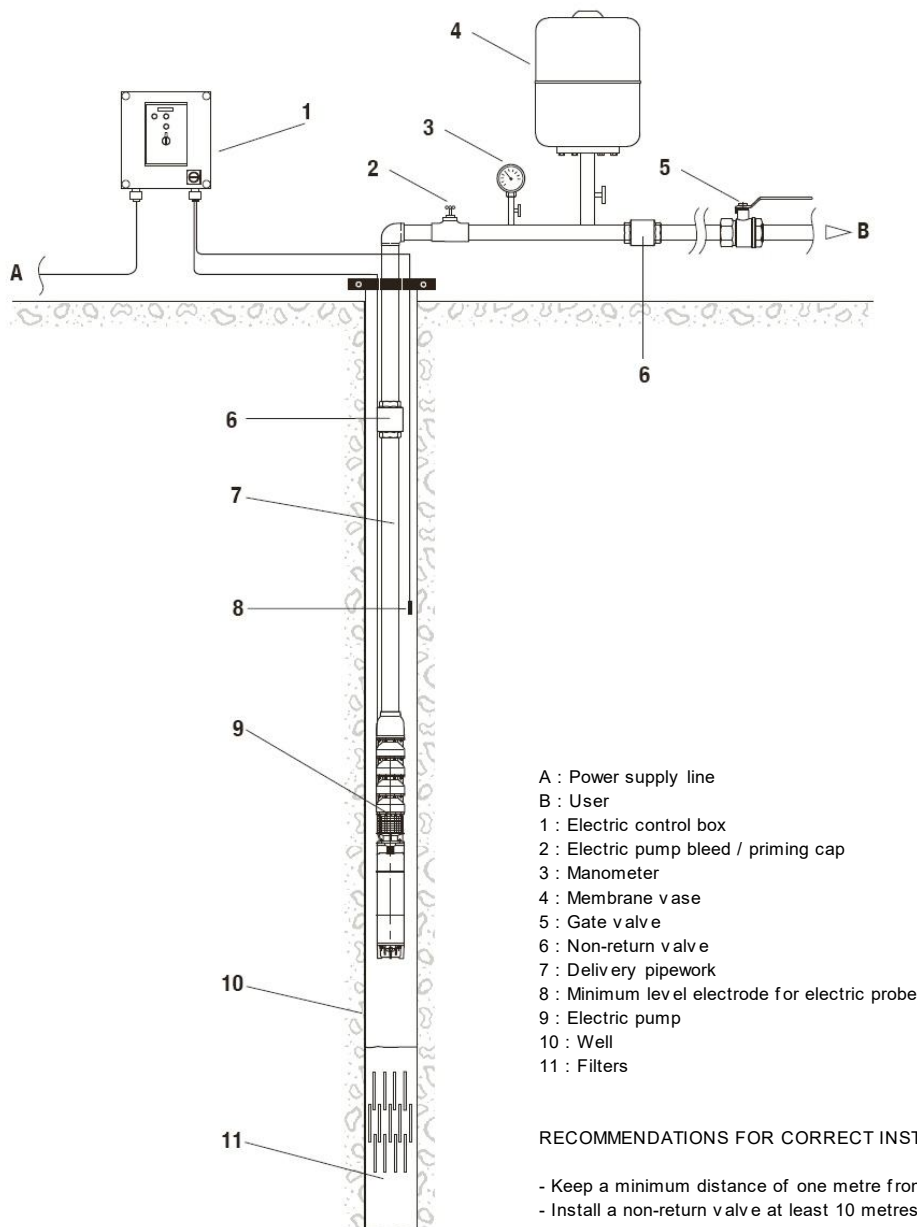
Suction side : /
Discharge side : 1" 1/4 G-F / --

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Installation example without inverter



RECOMMENDATIONS FOR CORRECT INSTALLATION

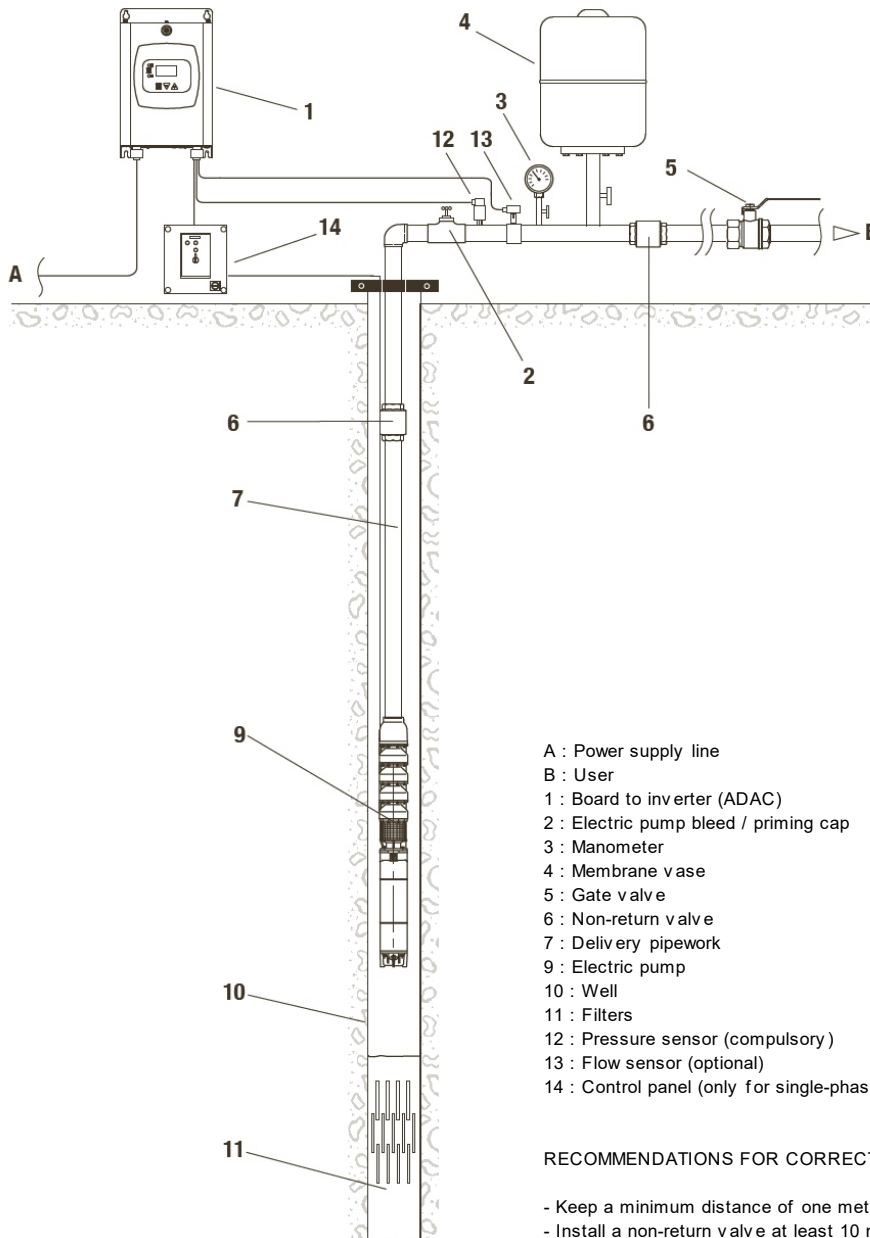
- Keep a minimum distance of one metre from the bottom of the well.
- Install a non-return valve at least 10 metres from the delivery outlet of the pump.
- Install further non-return valves at 30-40 metre intervals.
- Ensure a minimum cooling flow around the motor during operation (for further information refer to the motor technical data sheet).
- Ensure that the dynamic level of the water in the well is at least one metre above the pump delivery

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Installation example with inverter



- A : Power supply line
B : User
1 : Board to inverter (ADAC)
2 : Electric pump bleed / priming cap
3 : Manometer
4 : Membrane vase
5 : Gate valve
6 : Non-return valve
7 : Delivery pipework
9 : Electric pump
10 : Well
11 : Filters
12 : Pressure sensor (compulsory)
13 : Flow sensor (optional)
14 : Control panel (only for single-phase version, for capacitor housing)

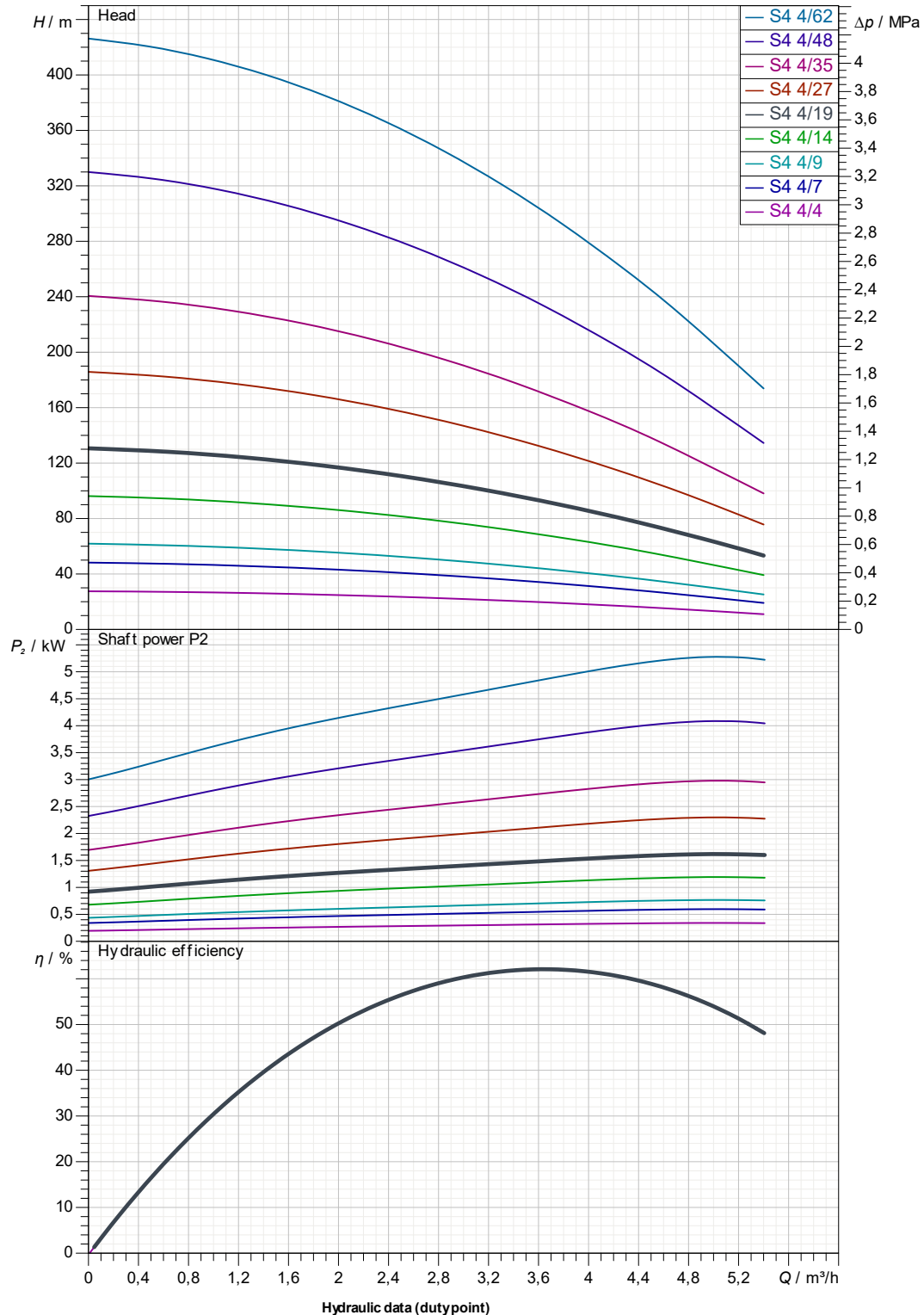
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Curve tolerance according to ISO 9906


Suction side :

Discharge side :
1" 1/4 G-F
--

Flow :

Head :

Rated speed :
2.830 1/min

MAIN_PROJECT_TITLE

BUSINESS_PROCESS_ID

OWNER_

ISSUE_DATE

2025-06-17



DIMENSIONAL DRAWING

2025-06-17

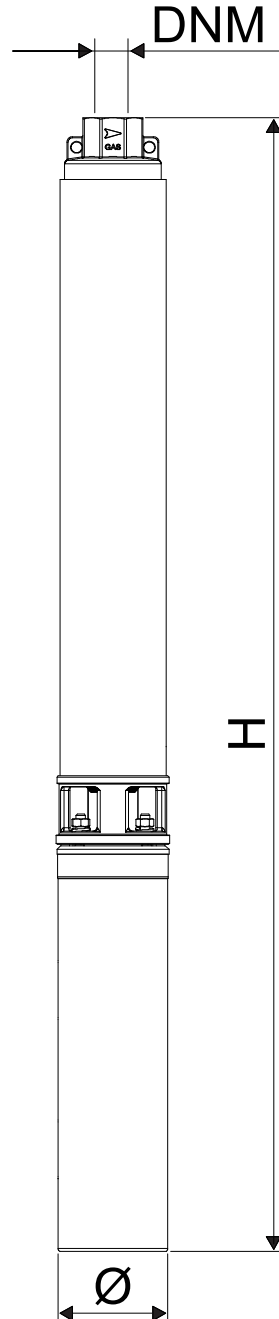
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Tel. +39 049 5125000 - Fax +39 049 5125950
www.dabpumps.com

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Dimensions in mm

Pump connection

1	H	1.087								
2	Ø	99								
3										
4										
5										
6										
7										
8										
9										
10										
11										

Suction

Discharge
1" 1/4 G-F
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