

Receiver

From

Company
Reference
Address
Phone
Fax
E-mail

Item n° : 60190995
Customer pos. no.:
Model : S4 2/28 T 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 : 1.5 m³/h
Head : 130 m
Fluid : Water
Fluid Temperature : 20 °C
Density : 998.19 kg/m³
Kinematic viscosity : 1.0004 mm²/s
Vapor pressure : 2.2045 kPa

Hydraulic data (duty point)

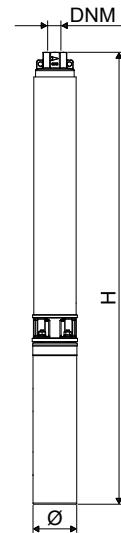
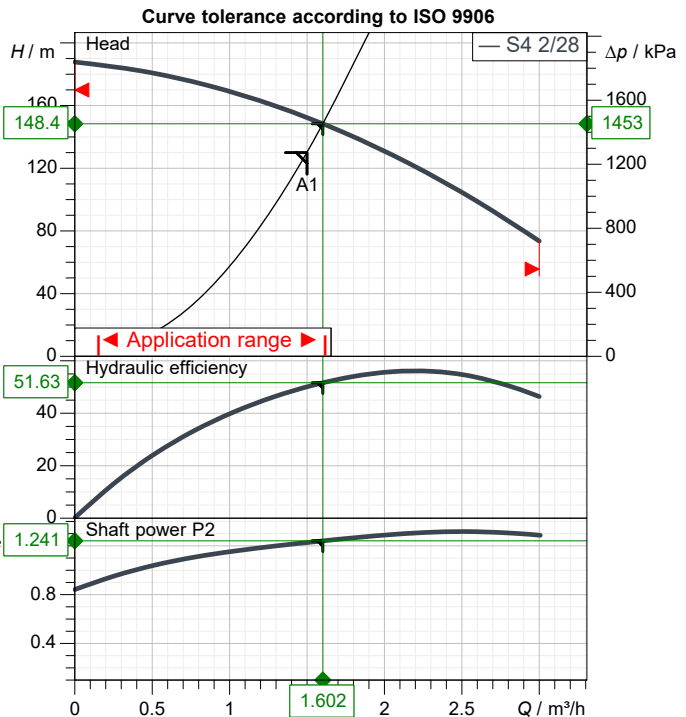
Flow : 1.6025 m³/h
Head : 148.37 m

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

Motor data

Motor type : 4GG
Nominal power P2 : 1.5 kW
Rated voltage : 3~ 230 V 50 Hz
Nominal current : 7.6 A
Number of poles : 2
Rated speed : 2830 1/min
Degree of protection : IP 68



Weight : 18.4 kg

Dimensions in mm

H	1037				
Ø	99				

Pump connection

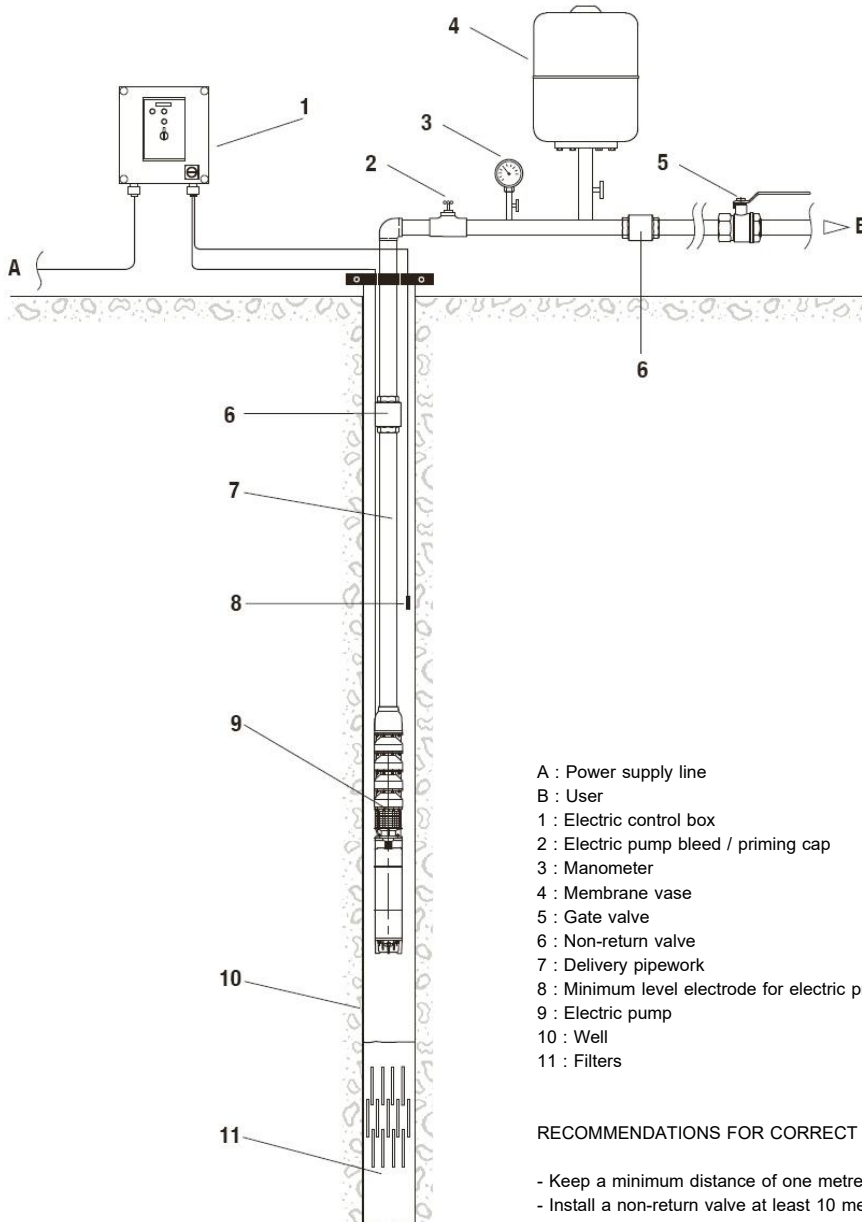
Suction side : /
Discharge side : 1" 1/4 G-F / --

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Installation example without inverter



- A : Power supply line
B : User
1 : Electric control box
2 : Electric pump bleed / priming cap
3 : Manometer
4 : Membrane vase
5 : Gate valve
6 : Non-return valve
7 : Delivery pipework
8 : Minimum level electrode for electric probe
9 : Electric pump
10 : Well
11 : Filters

RECOMMENDATIONS FOR CORRECT INSTALLATION

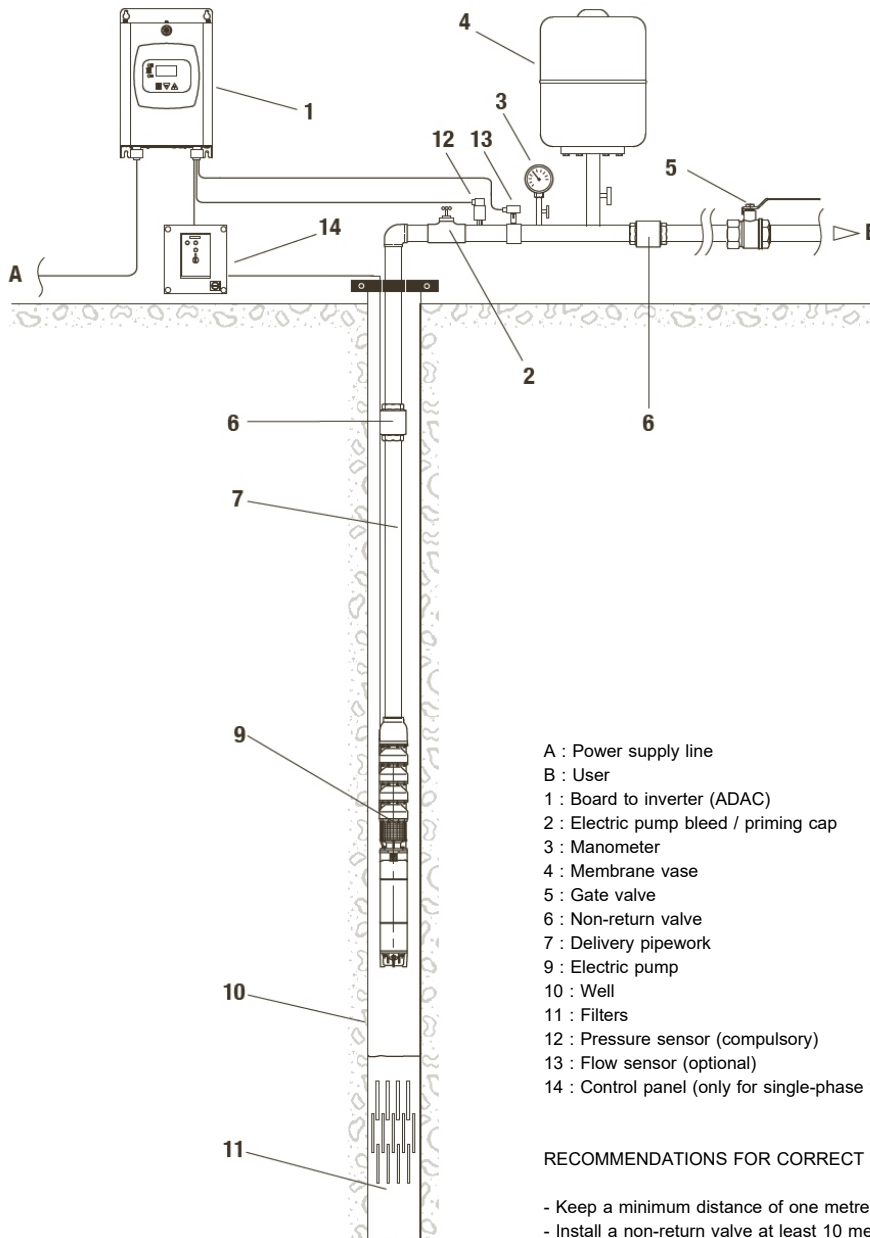
- Keep a minimum distance of one metre from the bottom of the well.
- Install a non-return valve at least 10 metres from the delivery outlet of the pump.
- Install further non-return valves at 30-40 metre intervals.
- Ensure a minimum cooling flow around the motor during operation (for further information 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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PERFORMANCE CURVES

2024-03-07

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DAB PUMPS S.p.A.
Via Marco Polo, 14 - 35035 Mestrino (PD), Italy
Tel. +39 049 5125000 - Fax +39 049 5125950
www.dabpumps.com

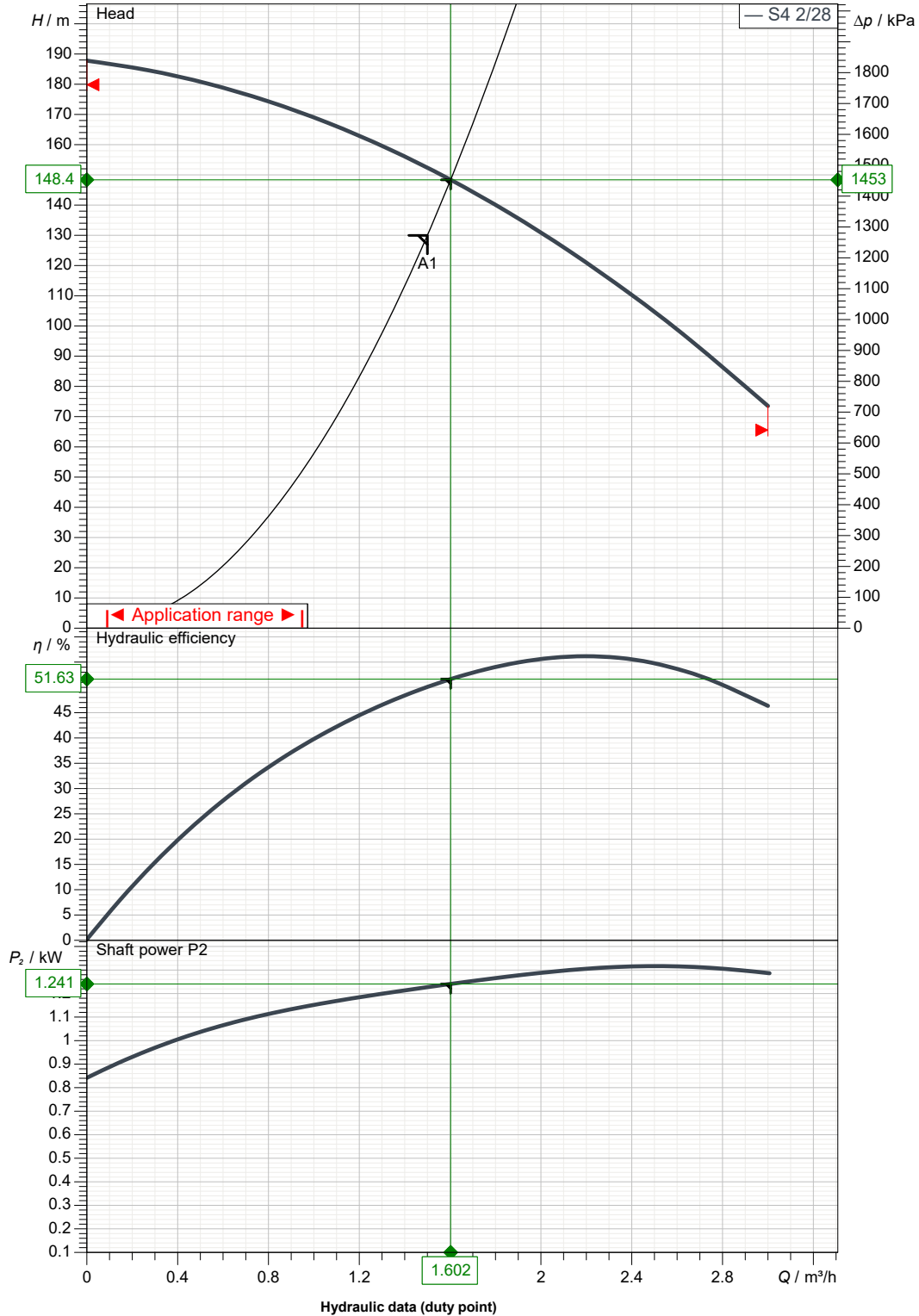
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S4 2/28 T 230 V 4GG AMEIRA

Curve tolerance according to ISO 9906



Suction side :

Discharge side :
1" 1/4 G-F
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Flow :
1.5 m³/h

Head :
130 m

Rated speed :
2830 1/min

MAIN_PROJECT_TITLE

BUSINESS_PROCESS_ID

OWNER_

ISSUE_DATE

2024-03-07



DIMENSIONAL DRAWING

2024-03-07

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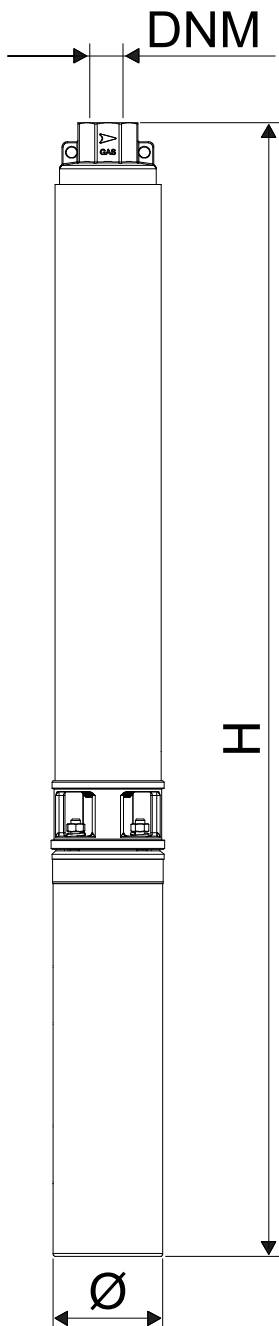
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Dimensions in mm						Pump connection
1	H	1037				Suction
2	Ø	99				
3						
4						Discharge 1" 1/4 G-F --
5						
6						
7						
8						
9						
10						
11						

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