

Receiver

From

Society
Reference
Address
Phone
Fax
E-mail

Item n° :

60191415

Model :

S4 3/13 M 230 V 4OL + KIT 30 m AMEIRA

Inverter application : Allowed - min. 30Hz

Pump data

MEI \geq 0,4

P2 nominal requested : 0.75 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 : 2.34 kPa

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

Motor data

Motor type : 4OL

Nominal power P2 : 0.75 kW

Rated voltage : 1~ 230 V 50 Hz

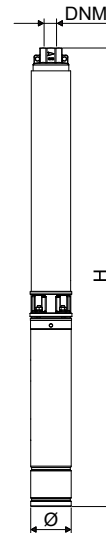
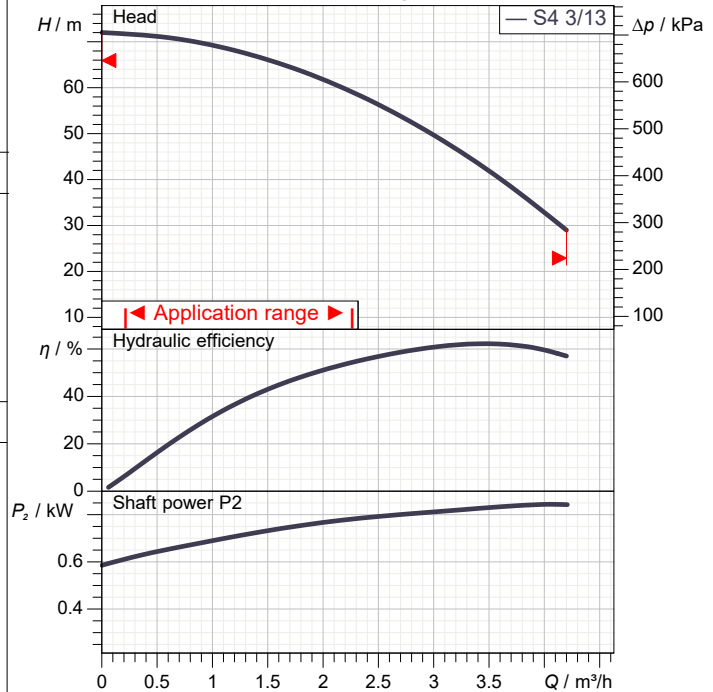
Nominal current : 6.3 A

Number of poles : 2

Rated speed : 2820 1/min

Degree of protection : IP 68

Curve tolerance according to ISO 9906



Weight : 12.9 kg

Dimensions in mm

DNM	1" 1/4 G-F				
H	906				
Ø	99				

Pump connection

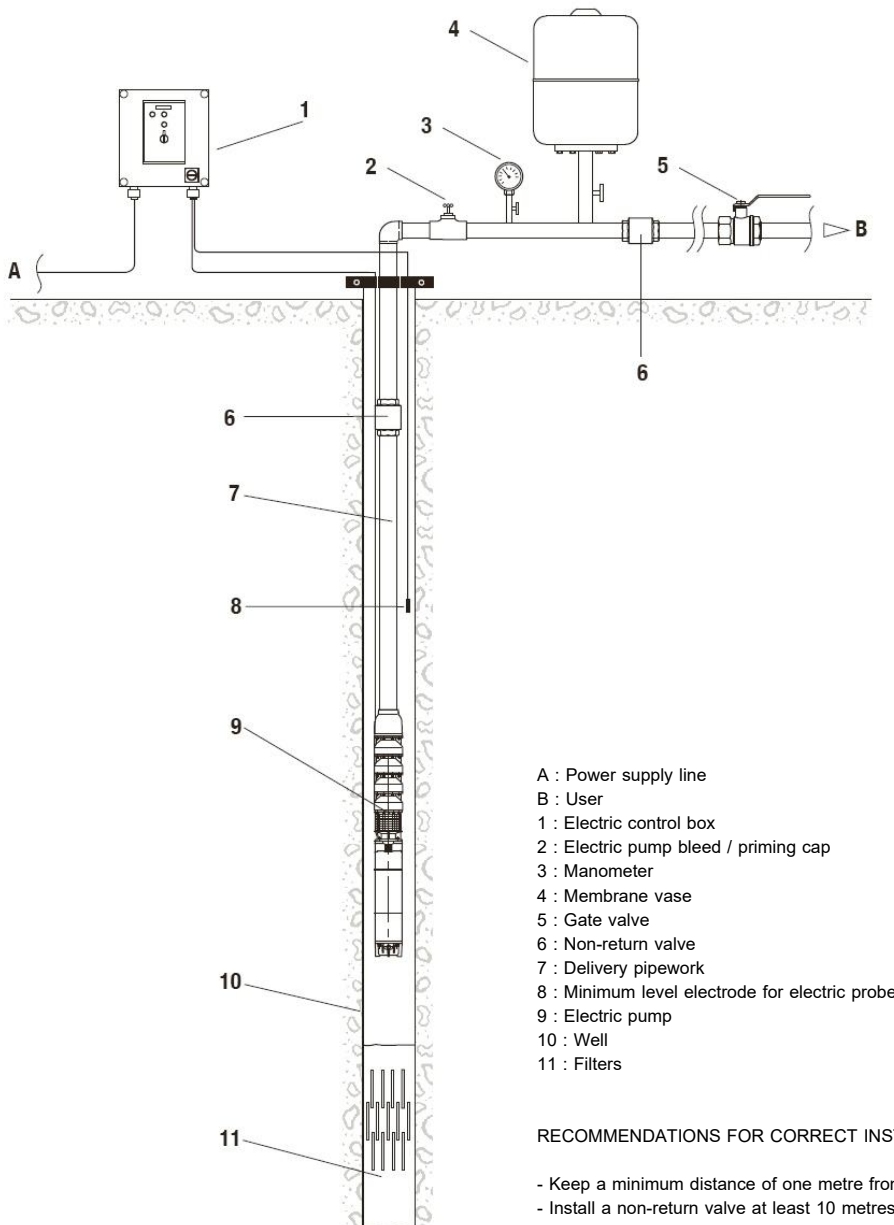
Suction side : /
Discharge side : 1" 1/4 G-F / --

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Installation example without inverter



RECOMMENDATIONS FOR CORRECT INSTALLATION

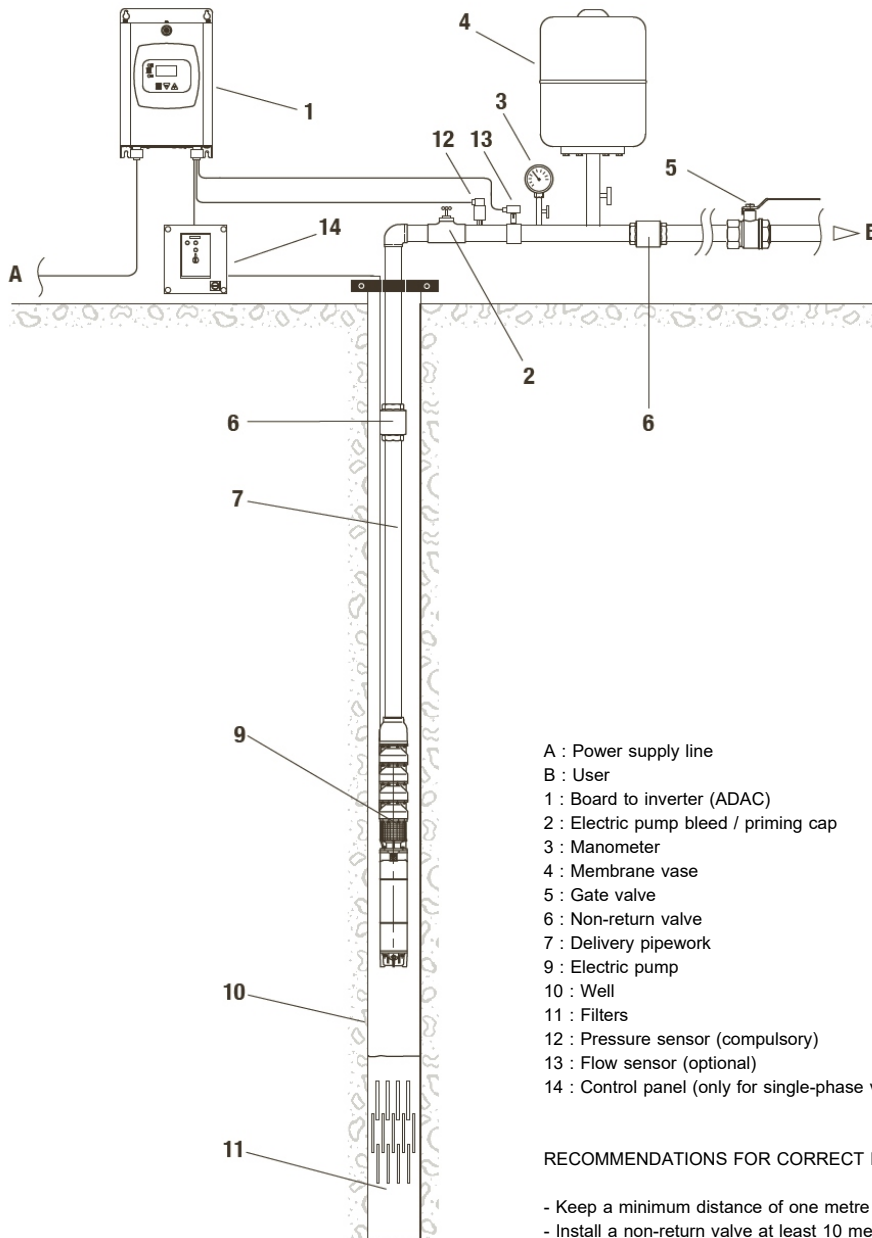
- Keep a minimum distance of one metre from the bottom of the well.
- Install a non-return valve at least 10 metres from the delivery outlet of the pump.
- Install further non-return valves at 30-40 metre intervals.
- Ensure a minimum cooling flow around the motor during operation (for further information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

RECOMMENDATIONS FOR CORRECT INSTALLATION

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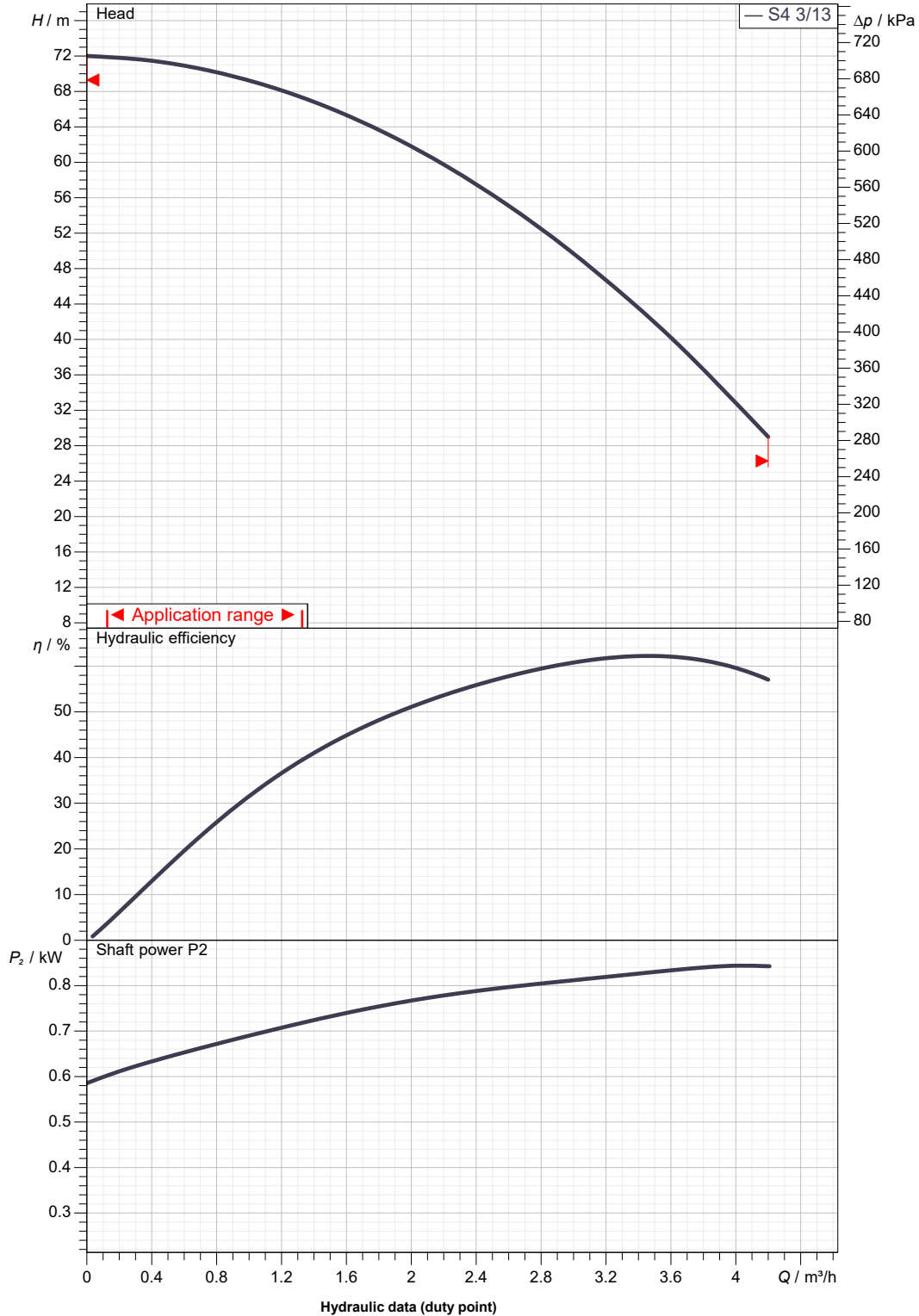
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S4 3/13 M 230 V 40L + KIT 30 m AMEIRA

Curve tolerance according to ISO 9906



Suction side :

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

Flow :

Head :

 Rated speed :
 2820 1/min

MAIN_PROJECT_TITLE

BUSINESS_PROCESS_ID

OWNER_

 ISSUE_DATE
 2021-09-21



DIMENSIONAL DRAWING

2021-09-21

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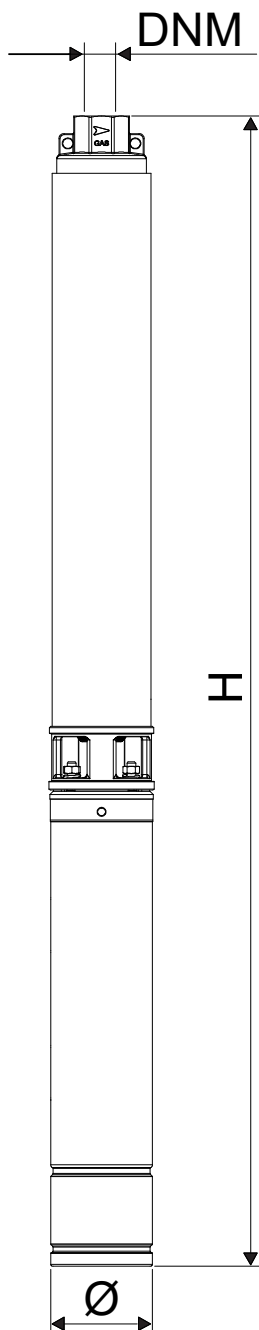
DAB PUMPS S.p.A.
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Tel. +39 049 5125000 - Fax +39 049 5125950
www.dabpumps.com

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S4 3/13 M 230 V 4OL + KIT 30 m AMEIRA



Dimensions in mm					Pump connection	
1	DNM	1" 1/4 G-F				
2	H	906				Suction
3	Ø	99				
4						
5						
6						
7						Discharge
8						1" 1/4 G-F
9						--
10						
11						
12						

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