

Receiver

From

Company
Reference
Address
Phone
Fax
E-mail

Customer pos. no.:

Pump model: S4-3/13 M 230 V 4OL

Item n° : 60197397

4OL 0,75 kW 230 V M

Inverter application : Allowed - min. 30Hz

Pump data

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 : 0,33938 psi

Hydraulic data (duty point)

Flow :

Head :

Efficiency :

NPSH :

P2 nominal requested :

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 420

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

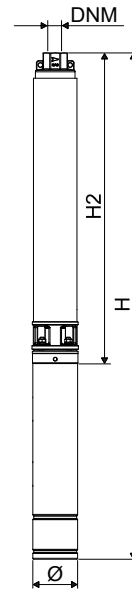
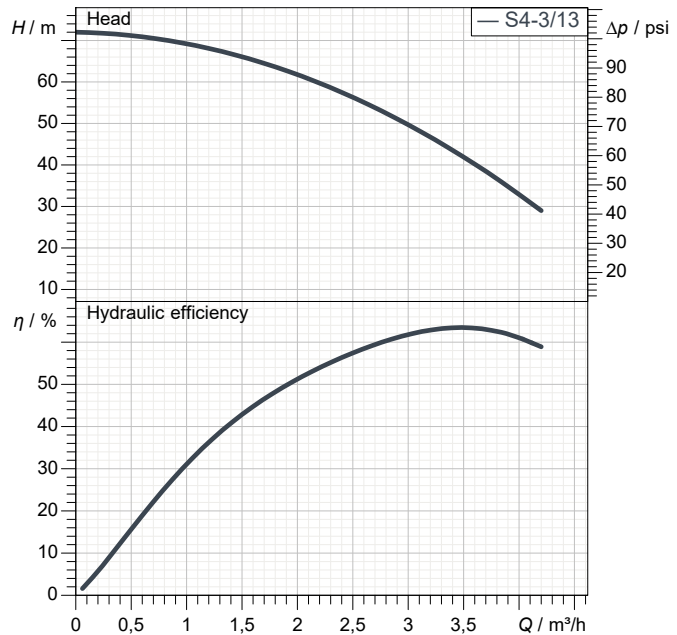
Nominal current : 6,3 A

Number of poles : 2

Rated speed : 2.820 1/min

Degree of protection : IP 68

Curve tolerance according to ISO 9906



Weight : 12,7 kg

Dimensions in mm

H	891				
H2	557				
Ø	99				

Pump connection

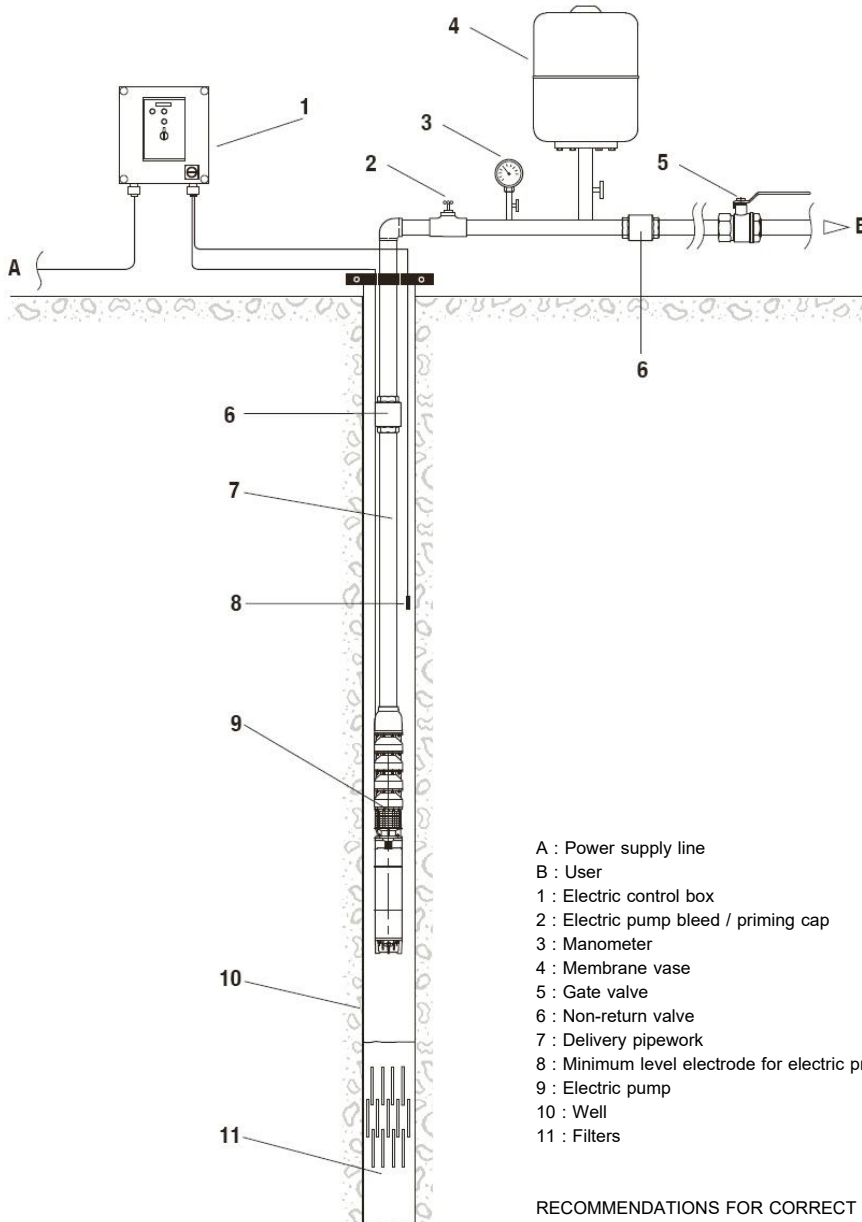
Discharge side : 1 " 1/4 G-F

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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

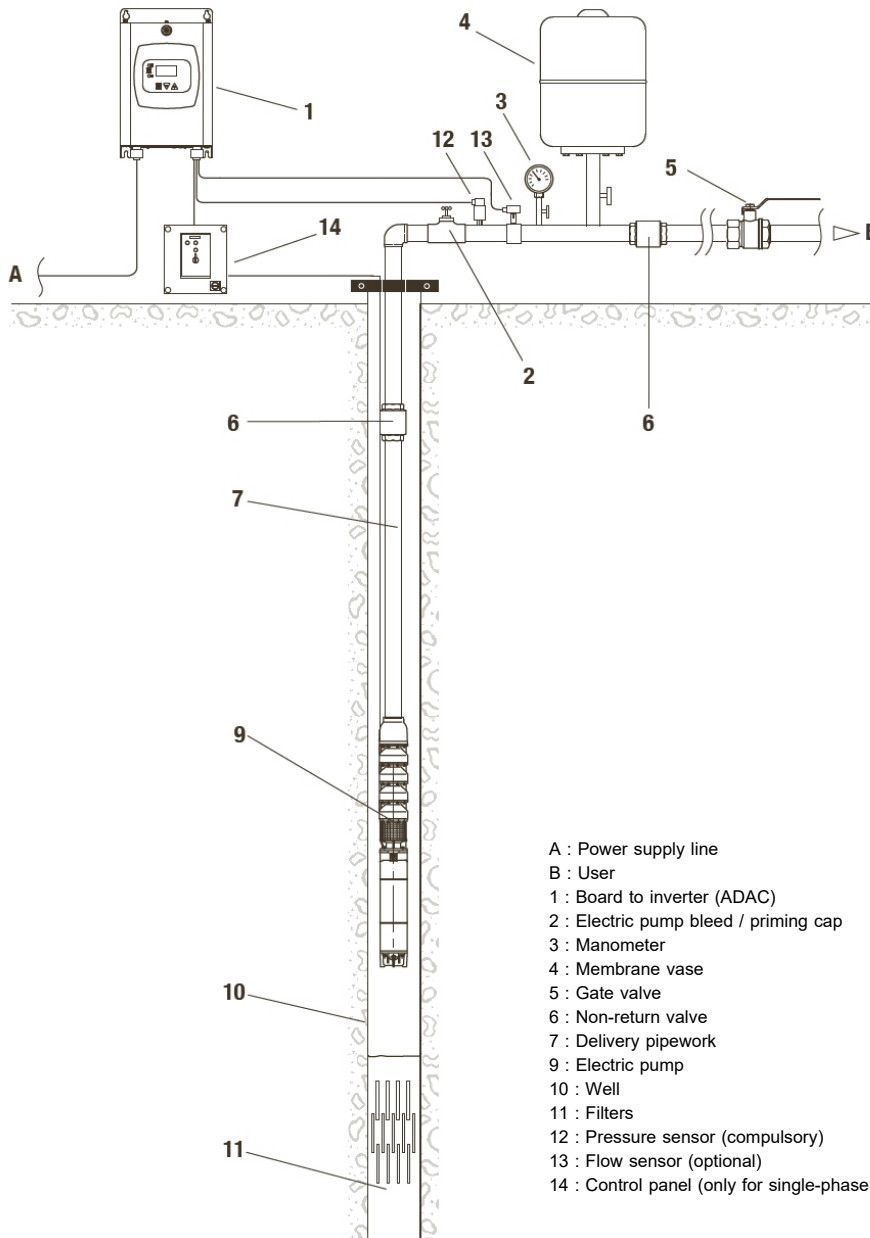
RECOMMENDATIONS FOR CORRECT INSTALLATION

- 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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- Ensure that the dynamic level of the water in the well is at least one metre above the pump delivery



PERFORMANCE CURVES

2023-06-16

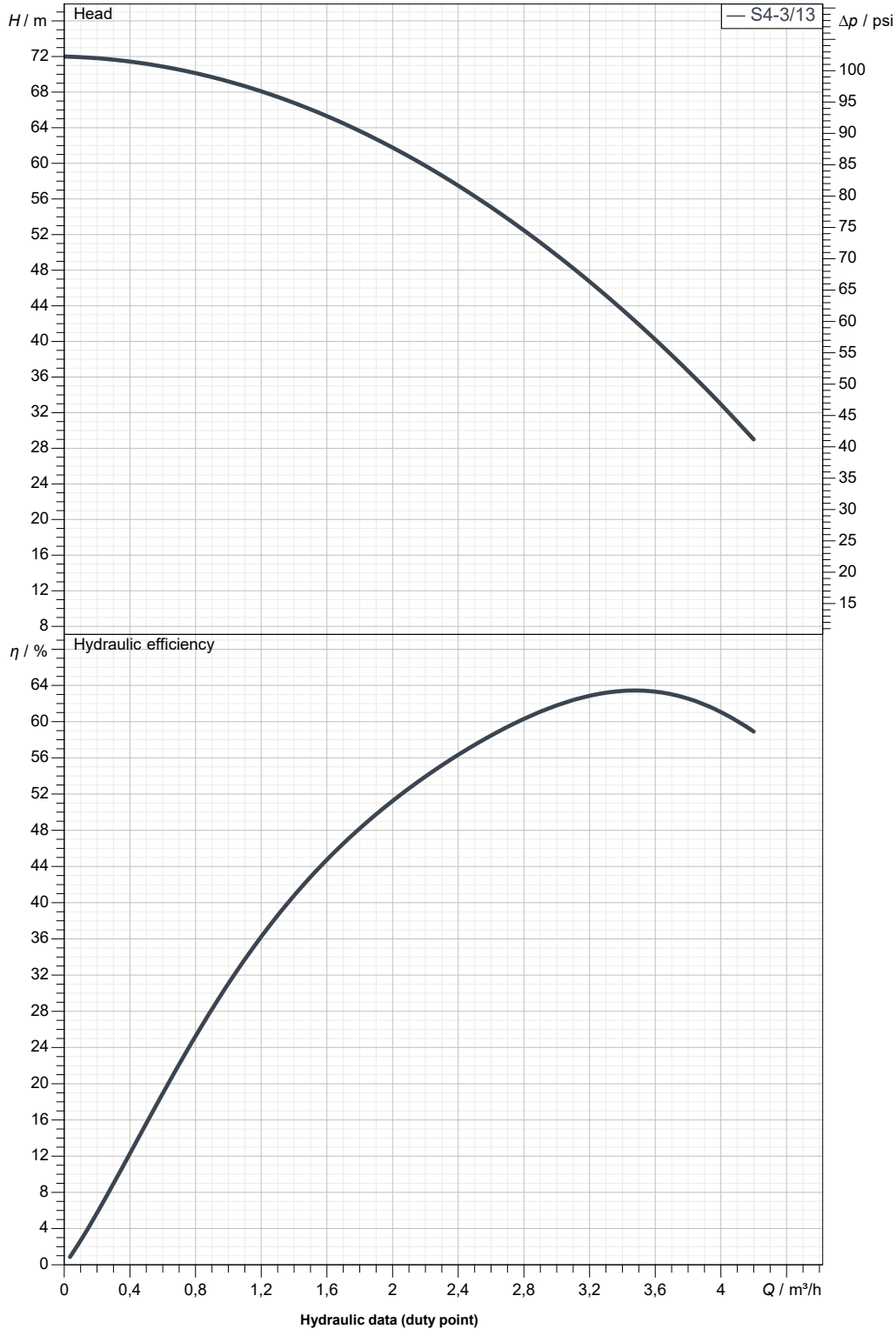
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Via Marco Polo, 14 - 35035 Mestrino (PD), Italy
Tel. +39 049 5125000 - Fax +39 049 5125950
www.dabpumps.com

	Receiver	From
Company Reference Address Phone Fax E-mail		

S4-3/13 M 230 V 40L

Curve tolerance according to ISO 9906



Suction side :	Discharge side : 1" 1/4 G-F --	Flow :	Head :	Rated speed : 2.820 1/min
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MAIN_PROJECT_TITLE	BUSINESS_PROCESS_ID	OWNER_	ISSUE_DATE 2023-06-16
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DIMENSIONAL DRAWING

2023-06-16

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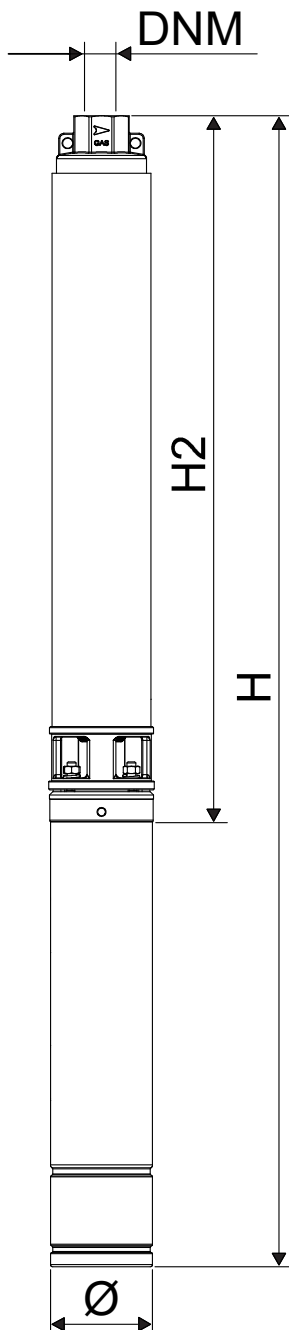
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S4-3/13 M 230 V 40L



Dimensions in mm			Pump connection			
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2	H2	557				
3	Ø	99				
4						Discharge 1" 1/4 G-F --
5						
6						
7						
8						
9						
10						
11						

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