

Receiver

From

Company  
Reference  
Address  
Phone  
Fax  
E-mail

**Customer pos. no.:**

**Pump model:** SS6C3

**Hydraulic Part Code :** 60170156

**Motor Code :**

Inverter application :

**Pump data**

MEI  $\geq 0,40$

P2 nominal requested : 3 kW

Min. fluid temperature : 0 °C

Max. fluid temperature : 30 °C

Max. Permitted amount of sand : 50 g/m3

**Requested data**

Flow :

Head :

Fluid : Water

Fluid Temperature : 20 °C

Density : 998,3 kg/m<sup>3</sup>

Kinematic viscosity : 1,005 mm<sup>2</sup>/s

Vapor pressure : 0,33938 psi

**Hydraulic data (duty point)**

Flow :

Head :

Efficiency :

NPSH :

**Materials**

Impeller : Stainless Steel AISI 304 L

Suction case : Stainless Steel AISI 304 L

Pump shaft : AISI 420

Filter : Stainless Steel AISI 304 L

Tie rod : Stainless Steel AISI 304 L

Non-return valve : Stainless Steel AISI 304

Diffuser : Stainless Steel AISI 304 L

**Motor data**

Motor brand :

Nominal power P2 :

Rated voltage :

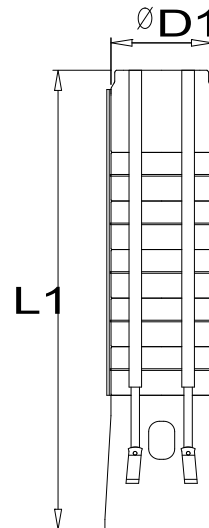
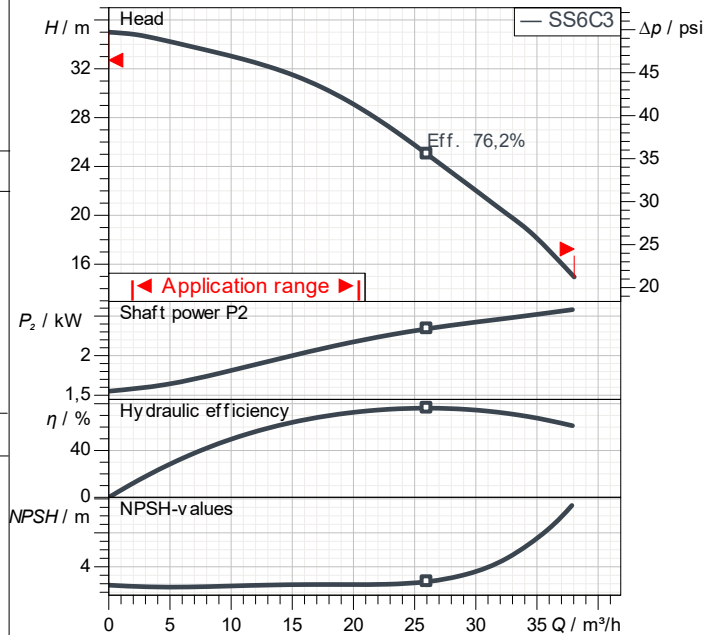
Nominal current :

Number of poles :

Rated speed :

Degree of protection :

**Curve tolerance according to ISO 9906**



**Weight :** 11 kg

**Dimensions in mm**

D1	132				
L1	554				

**Pump connection**

Discharge side : 3" G



# DATA SHEET

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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**Receiver**

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**Motor Code :**

**Motor :**

**Materials**

**Motor data**

Motor brand :  
 Nominal power P2 :  
 Rated voltage :  
 Nominal current :  
 Number of poles :  
 Rated speed :  
 Degree of protection :  
 Inverter application :  
 Power factor :  
 Efficiency :  
 Cable section Ø mm<sup>2</sup> :  
 Cable length m :  
 Cooling flow :

**Weight :**

**Dimensions in mm**

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# DERATING

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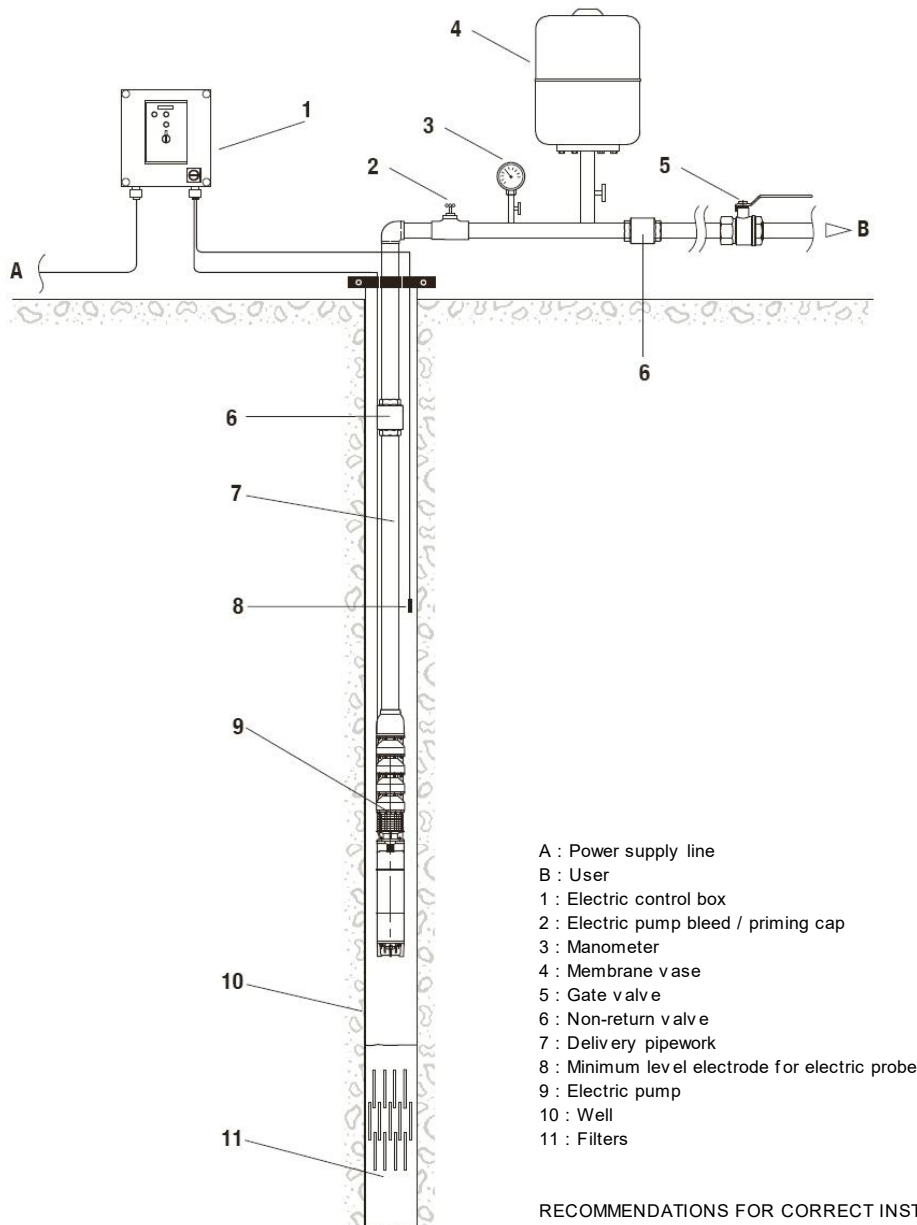
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## Installation example without inverter



### RECOMMENDATIONS FOR CORRECT INSTALLATION

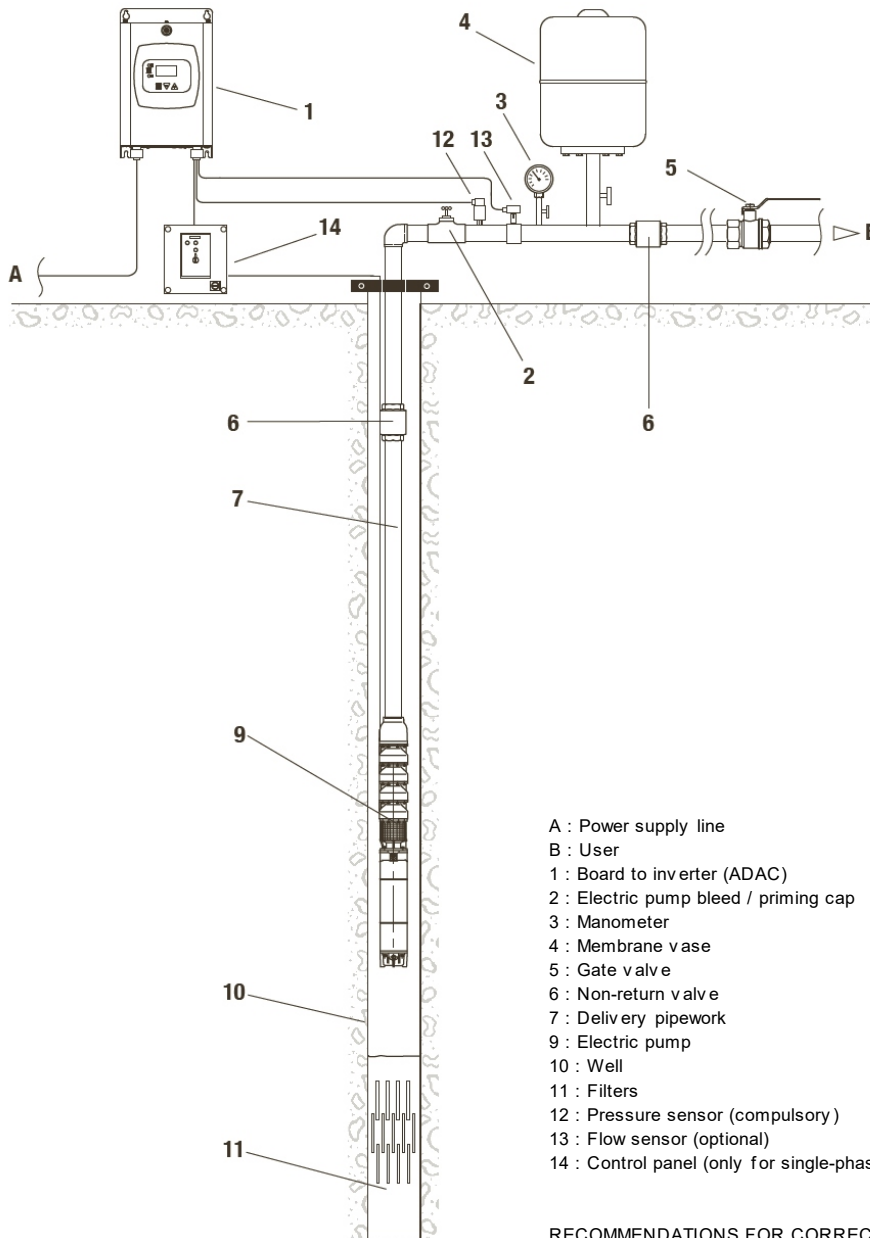
- Keep a minimum distance of one metre from the bottom of the well.
- Install a non-return valve at least 10 metres from the delivery outlet of the pump.
- Install further non-return valves at 30-40 metre intervals.
- Ensure a minimum cooling flow around the motor during operation (for further information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

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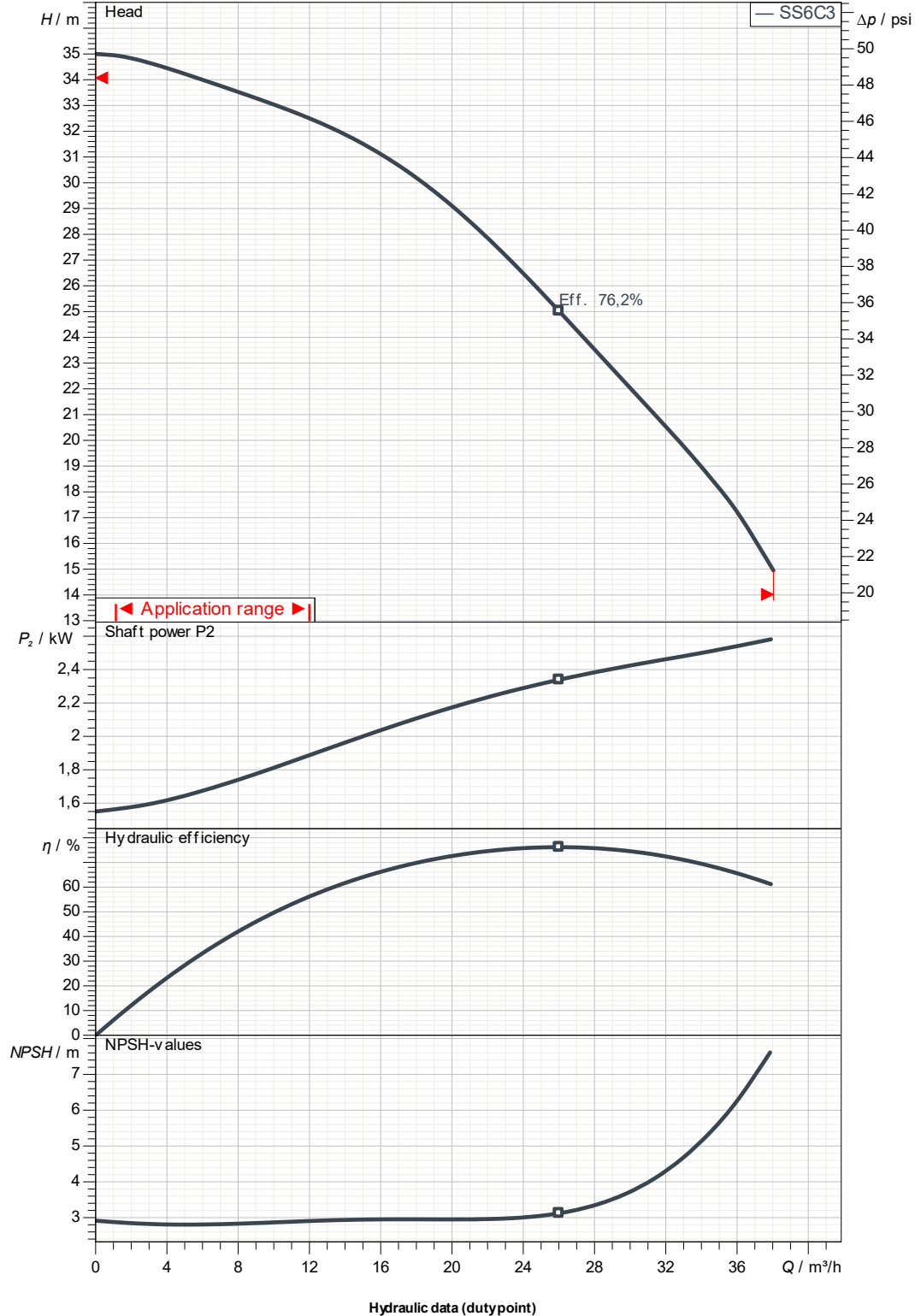
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## SS6C3

Curve tolerance according to ISO 9906



Hydraulic data (duty point)

Discharge side: 3" G	Flow:	Head:	Rated speed:
MAIN_PROJECT_TITLE	BUSINESS_PROCESS_ID	OWNER_	ISSUE_DATE 2024-09-11



# DIMENSIONAL DRAWING

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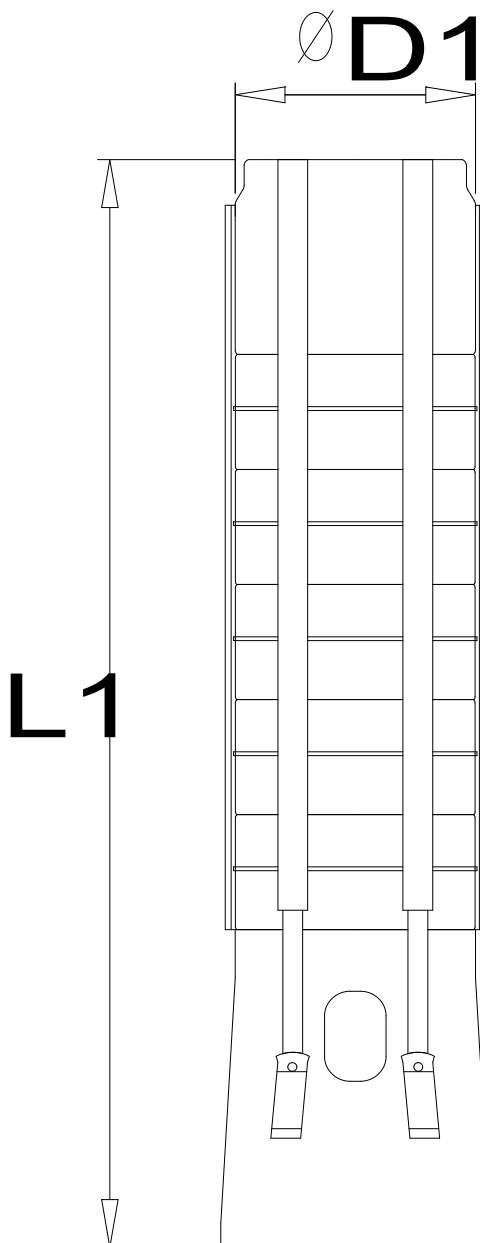
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SS6C3



Dimensions in mm

Pump connection

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12

D1  
L1

132  
554

Suction

Discharge  
3" G  
--

MAIN\_PROJECT\_TITLE

BUSINESS\_PROCESS\_ID

OWNER\_

ISSUE\_DATE

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