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**DAB**  
WATERPUMP SYSTEMS

# INSTALLATION

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DAB PUMPS S.p.A.  
Via Mazzini, 10 - 36030 Biadene dell'Istria (VI)  
Tel. 0445/93.1001 - Fax 0445/93.1002  
www.dabpumps.com

Water  
Aspirator  
Pump  
Kit

Accessories


Page

## Installation example with inverter

- A. Power supply line
- B. Valve
1. Invert to inverter (VDC)
2. Switching pump control (pump cap)
3. Motor
4. Inverter unit
5. Pressure sensor
6. Water supply
7. Water outlet
8. Water meter
9. Water filter
10. Water supply line
11. Water outlet

### RECOMMENDATIONS FOR CORRECT INSTALLATION

- Place a minimum distance of one metre from the bottom of the well or the water source and at least 10 cm from the delivery side of the pump.
- Install before suction valve at 30 cm distance.
- Eliminate airtight joints. Use alcohol the only dry agent.
- Use a rubber hose with 10 cm. the total distance from the pump to the water source must be less than 10 m.
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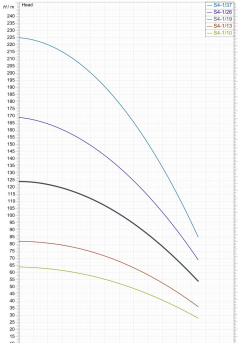
## PERFORMANCE CURVES

**COMPACT 0.5 L**  
 1000 mm³/min (1000 l/min)  
 14.1 bar (204.2 psi) max. fuel pressure  
 14.1 bar (204.2 psi) max. fuel pressure (20000  
 rpm/rev/min)

Parameter	Page 10	Page	Page
Reference Temperature			
Pressure			
Rotation			

**SA-110 W 200 400L**

Curve between injection and ISO 8006



Injection time [ms] (ISO 8006)	20.0 bar	18.0 bar	16.0 bar	14.0 bar	12.0 bar
0	210	190	170	150	130
2	205	185	165	145	125
4	200	180	160	140	120
6	195	175	155	135	115
8	190	170	150	130	110
10	185	165	145	125	105
12	180	160	140	120	100
14	175	155	135	115	95
16	170	150	130	110	90
18	165	145	125	105	85
20	160	140	120	100	80
22	155	135	115	95	75
24	150	130	110	90	70
26	145	125	105	85	65
28	140	120	100	80	60

Customer no.

SA-110-001-001

Delivery date

11-03-09

Size

0.5 L

Order

0.5 L

Flow speed

2.000 l/min

Model/Project / Title

SA-110-001-001

Customer/Project/Job


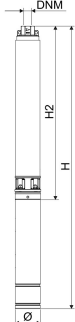
SA-110-001-001

Company

SA-110-001-001

Order Date

SA-110-001-001

	<h1 style="text-align: center;">DIMENSIONAL DRAWING</h1>	<p style="text-align: right;"><b>DAB PARTS S.p.A.</b> Via Molino, 10 - 36018 Montebelluna (TV) - Italy Tel. +39 0423 864111 Fax. +39 0423 864112 www.dabgroup.com</p>																													
Density Dimensions Material Finish Pallet Weight	Receiver	Tank																													
<div style="text-align: center;">  </div>																															
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