



WATER • TECHNOLOGY

QUOTATION

2017-05-31

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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

Receiver

From

Society
Reference
Address
Phone
Fax
E-mail

Ref.	Item no.	Description	Q.ty	Unit pr.	Price
	503150210	<p>SERIES AQUAPROF AQUAPROF BASIC 40/50</p> <p>WORK DATA Liquid : Water, pure Min. flow rate : 0 m³/h Total flow rate : Head : Field of application H(Qmax.) : 19.788 m Field of application H(Qmin.) : 56.615 m Field of application Q(max.) : 4.8 m³/h Field of application Q(min.) : 0 m³/h Temperature : 20 °C Operating pressure : Delivery diameter : Intake diameter : Motor type : 1~230 V/50 Hz</p> <p>MOTOR Rated power : 0.75 kW Speed : 2800 1/min Brand : DAB Protection rating : IP 44</p> <p>DATI GENERALI</p> <p>Applications</p> <p>The AQUAPROF unit is used for the management and distribution of rain water. The unit detects the lack of water in both rain water and mains collection system and corrects it to guarantee that the system operates correctly (or rather, it never lets the identified users run out of water). Notify in the event of faults and indicate the type of problem incurred. The system is generally limited to irrigation, washing machine, WC flushing tank and floor cleaner systems. The main objective of the AQUAPROF system is to give priority to the use of rain water over that of the mains water. When the rain water contained in the collection tank is insufficient, the control unit passes to the mains water supply thereby ensuring a flow of water at the extraction points (The water supplied by the AQUAPROF is not drinkable). The connection between the rain water collection tank and the mains water collection tank, which is integrated into the system, is selected by a three-way valve fitted to the pump suction.</p> <p>The pump operates exactly the same as a pump with a "startstop" system using flow and pressure control. When the pressure drops below the set value the pump starts, when the tap is turned off the pump stops, if there is a lack of water the pump stops and a warning is signalled on the pump's control panel. After a preset time the pump automatically starts again and if all operations are within the set parameters the pump carries on operating normally. The system also includes a special anti-stench and anti-draining trap. The system performs an operational control of the 3-way valve every 24 hours.</p> <p>The system renews the content of the internal mains water tank every week (the renewal is limited to the request of water used).</p>	1 1	On req.	On req.
Project	Project ID	Created by	Created on	Last update	
			2017-05-31		



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Ref.	Item no.	Description	Q.ty	Unit pr.	Price
		<p>Constructional features</p> <p>The system comprises a recyclable polyethylene console, a completely automatic electronic control unit, three-way automatic valve and electropump Euroinox 30/50 M or Euroinox 40/50 M series. Supplied with wall bracket as a standard and float switch with 20 mt of cable for AQUAPROF BASIC version, or probe sensor level with 20 mt of cable for AQUAPROF TOP.</p> <p>Technical specifications</p> <ul style="list-style-type: none"> - IP protection class: 42 - Ambient temperature: min. +5°C - max. +40°C - Flow rate (lt/min - m³/h): 80 l/min - Head max (H m): 42,2 Aquaprof 30/50 57,7 Aquaprof 40/50 - Pumped liquid temperature: from +5°C to +35°C - Maximum system pressure: 6bar (600 KpA) - Maximum mains pressure: 4bar (400 KpA) - Maximum usage height: 15mt - Capacity of the tank: 12 lt. - Mains water pipe dimensions: 3/4" - Discharge pipe dimensions: 1" - Suction pipe dimensions: 1" - Overflow dimensions: DN50 			
		Subtotal:		On req.	On req.
	503150200	<p>SERIES AQUAPROF AQUAPROF BASIC 30/50</p> <p>WORK DATA</p> <p>Liquid : Water, pure</p> <p>Min. flow rate : 0 m³/h</p> <p>Total flow rate :</p> <p>Head :</p> <p>Field of application H(Qmax.) : 13.971 m</p> <p>Field of application H(Qmin.) : 41.657 m</p> <p>Field of application Q(max.) : 4.8 m³/h</p> <p>Field of application Q(min.) : 0 m³/h</p> <p>Temperature : 20 °C</p> <p>Operating pressure :</p> <p>Delivery diameter :</p> <p>Intake diameter :</p> <p>Motor type : 1~230 V/50 Hz</p> <p>MOTOR</p> <p>Rated power : 0.55 kW</p> <p>Speed : 2800 1/min</p> <p>Brand : DAB</p> <p>Protection rating : IP 44</p>	1 1	On req.	On req.
Project		Project ID	Created by	Created on 2017-05-31	Last update



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Ref.	Item no.	Description	Q.ty	Unit pr.	Price
		<p>DATI GENERALI</p> <p>Applications</p> <p>The AQUAPROF unit is used for the management and distribution of rain water. The unit detects the lack of water in both rain water and mains collection system and corrects it to guarantee that the system operates correctly (or rather, it never lets the identified users run out of water). Notify in the event of faults and indicate the type of problem incurred. The system is generally limited to irrigation, washing machine, WC flushing tank and floor cleaner systems. The main objective of the AQUAPROF system is to give priority to the use of rain water over that of the mains water. When the rain water contained in the collection tank is insufficient, the control unit passes to the mains water supply thereby ensuring a flow of water at the extraction points (The water supplied by the AQUAPROF is not drinkable). The connection between the rain water collection tank and the mains water collection tank, which is integrated into the system, is selected by a three-way valve fitted to the pump suction.</p> <p>The pump operates exactly the same as a pump with a "startstop" system using flow and pressure control. When the pressure drops below the set value the pump starts, when the tap is turned off the pump stops, if there is a lack of water the pump stops and a warning is signalled on the pump's control panel. After a preset time the pump automatically starts again and if all operations are within the set parameters the pump carries on operating normally. The system also includes a special anti-stench and anti-draining trap. The system performs an operational control of the 3-way valve every 24 hours.</p> <p>The system renews the content of the internal mains water tank every week (the renewal is limited to the request of water used).</p> <p>Constructional features</p> <p>The system comprises a recyclable polyethylene console, a completely automatic electronic control unit, three-way automatic valve and electropump Euroinox 30/50 M or Euroinox 40/50 M series. Supplied with wall bracket as a standard and float switch with 20 mt of cable for AQUAPROF BASIC version, or probe sensor level with 20 mt of cable for AQUAPROF TOP.</p> <p>Technical specifications</p> <ul style="list-style-type: none"> - IP protection class: 42 - Ambient temperature: min. +5°C - max. +40°C - Flow rate (lt/min - m³/h): 80 l/min - Head max (H m): 42,2 Aquaprof 30/50 57,7 Aquaprof 40/50 - Pumped liquid temperature: from +5°C to +35°C - Maximum system pressure: 6bar (600 KpA) - Maximum mains pressure: 4bar (400 KpA) - Maximum usage height: 15mt - Capacity of the tank: 12 lt. - Mains water pipe dimensions: 3/4" - Discharge pipe dimensions: 1" 			
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Ιδρυσέη ΙΙΑ
Αάεία, Οίαιθ
Ϊείιαάέα, Ϊάçàðáæèèéι σιñά 6-òè èι
+359 882 469 523
-
trade@prof ilbg.com

Ref.	Item no.	Description	Q.ty	Unit pr.	Price
		- Discharge pipe dimensions: 1" - Suction pipe dimensions: 1" - Overflow dimensions: DN50			

Subtotal:

On req.

On req.

Total price excl. VAT

VAT in %

Total price incl. VAT

16

Project

Project ID

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Receiver

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Item n° :

503150210

Model :

AQUAPROF BASIC 40/50

Pump data

 Impeller size : 0 mm
 Type of installation : Self-priming pumps
 Pressure rating :
 Min. fluid temperature : 5 °C
 Max. fluid temperature : 35 °C

Minimum suction head :

 Temperature : °C
 Minimum suction head : m

Requested data

 Flow :
 Head :
 Fluid : Water
 Fluid Temperature : 20 °C
 Density : 0.9983 kg/dm³
 Kinematic viscosity : 1.005 mm²/s
 Vapor pressure : 2.2045 kPa

Hydraulic data (duty point)

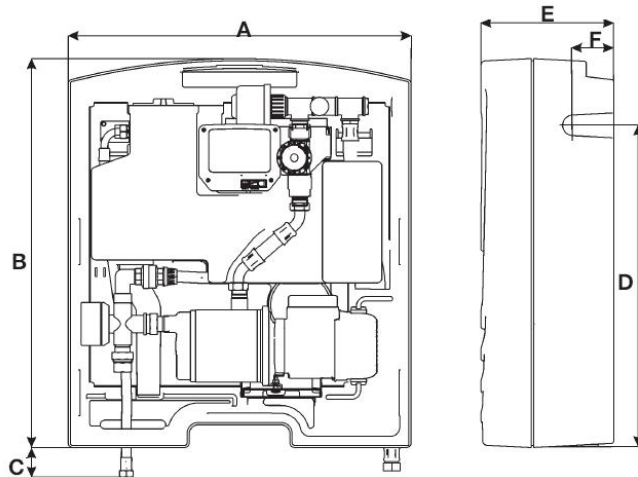
 Flow : 0 m³/h
 Head : 0 m
 Power input P1 : 1.2 kW
 Rated speed : 2800 1/min

Materials

 Pump body : AISI 304 X5 Cr Ni 1810 UNI 6900/71
 Impeller : Technopolymer
 Shaft with rotor : AISI 304 X5 Cr Ni 1810 UNI 6900/71
 OR ring : NBR
 Diffuser : Technopolymer
 Mechanical seal : Carbon/Ceramic
 Disc seal : AISI 304 X5 Cr Ni 1810 UNI 6900/71

Motor data

 Motor brand : DAB
 Nominal power P2 : 0.75 kW
 Rated speed : 2800 1/min
 Rated voltage : 1~ 220-240 V 50 Hz
 Nominal current : 5.3 A
 Degree of protection : IP 44

Curve tolerance according to ISO 9906

Dimensions in mm

A	750	E	290				
B	850	F	148				
C	50.5						
D	747						

 Suction side : /
 Discharge side : /
 Weight : 28 kg



PERFORMANCE CURVES

2017-05-31

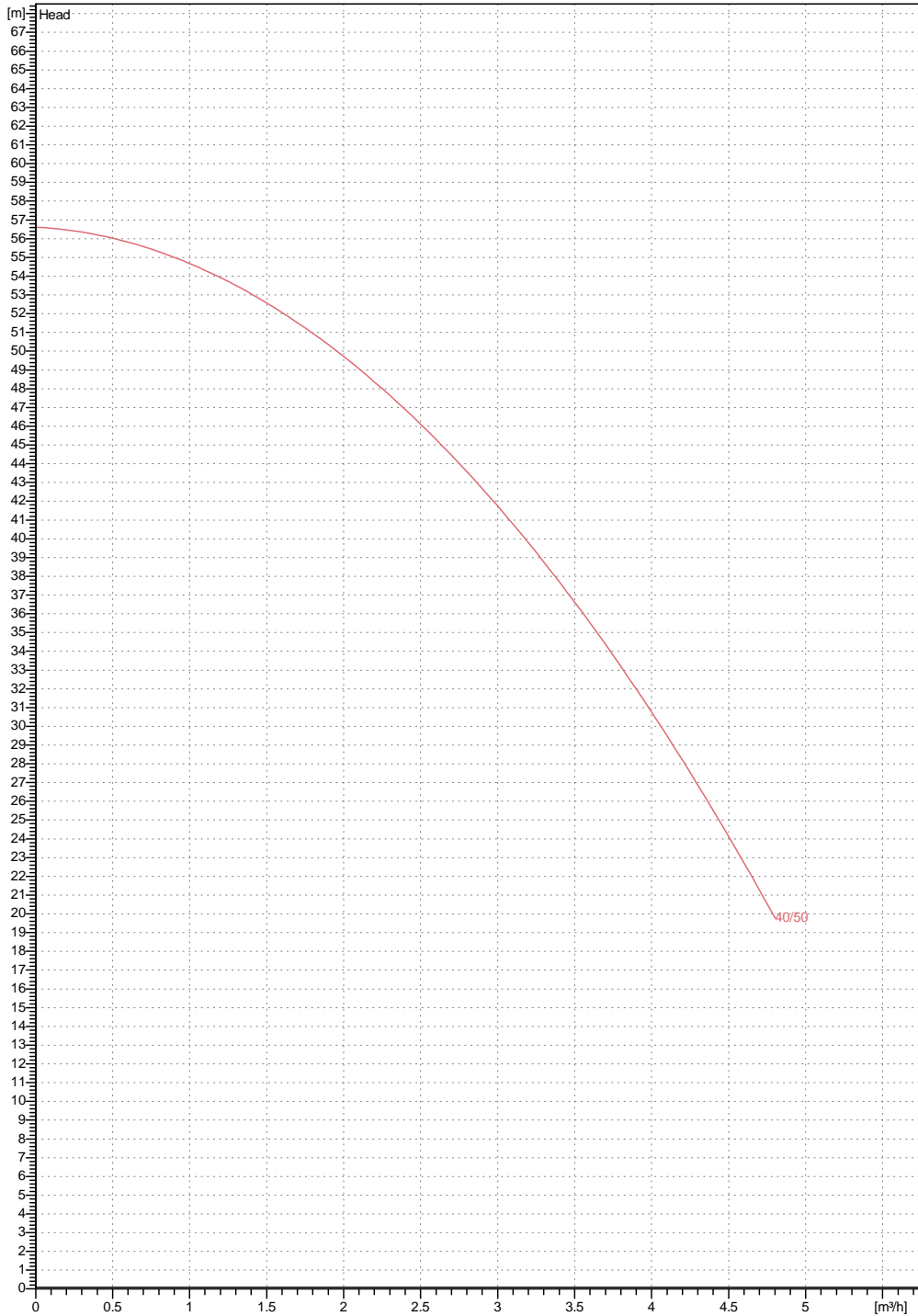
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AQUAPROF BASIC 40/50

Curve tolerance according to ISO 9906



Hydraulic data (duty point)

Suction side :	Discharge side :	Flow : 0 m³/h	Head : 0 m	Rated speed : 2800 1/min
Project	Project ID	Created by	Created on 2017-05-31	



WATER • TECHNOLOGY

DIMENSIONAL DRAWING

2017-05-31

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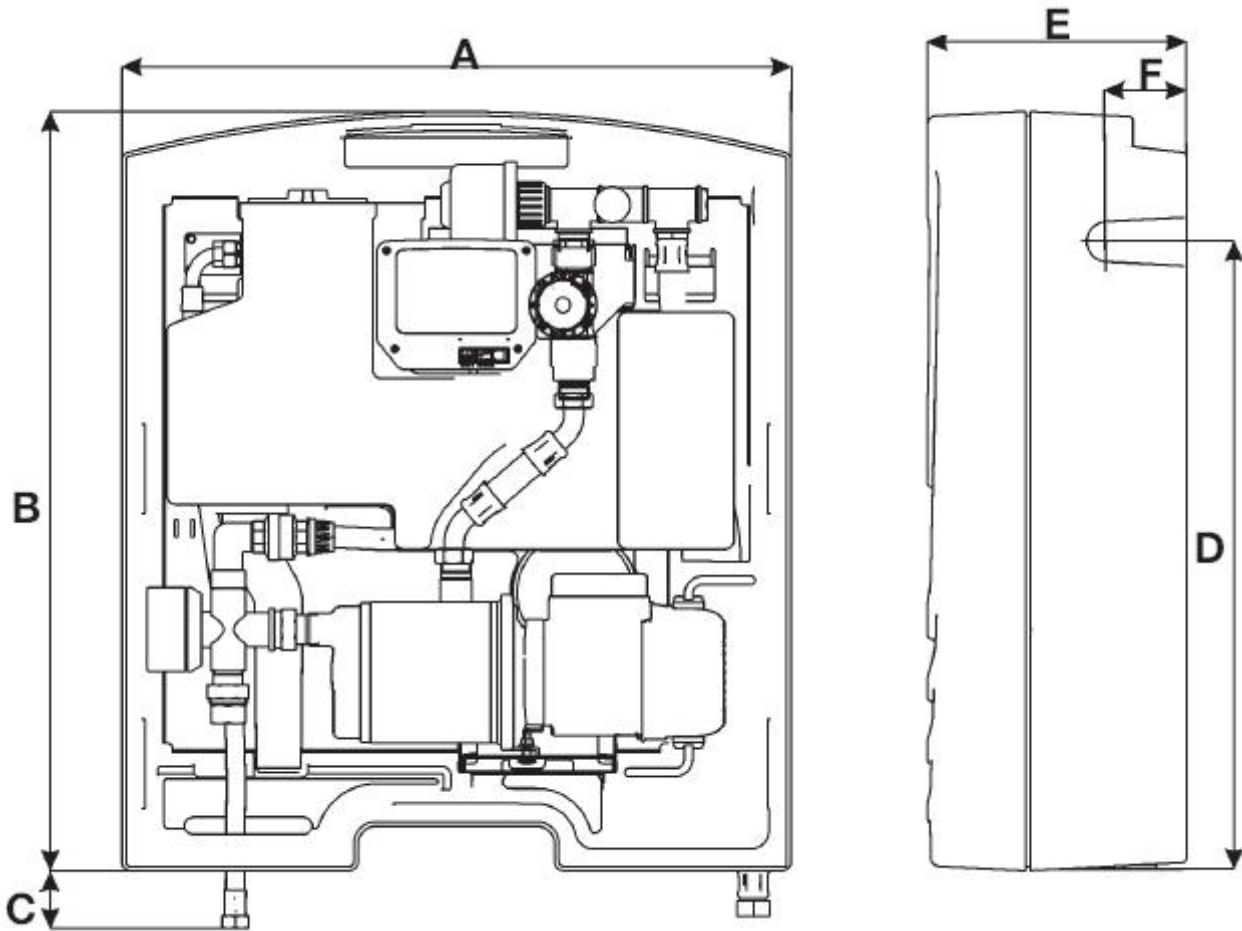
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AQUAPROF BASIC 40/50



Dimensions in mm

1	A	750
2	B	850
3	C	50.5
4	D	747
5	E	290
6	F	148

Pump connection

Suction

Discharge

Project

Project ID

Created by

Created on

2017-05-31

Receiver

 Society
 Reference
 Address
 Phone
 Fax
 E-mail

Item n° :

503150200

Model :

AQUAPROF BASIC 30/50

Pump data

 Impeller size : 0 mm
 Type of installation : Self-priming pumps
 Pressure rating :
 Min. fluid temperature : 5 °C
 Max. fluid temperature : 35 °C

Minimum suction head :

 Temperature : °C
 Minimum suction head : m

Requested data

 Flow :
 Head :
 Fluid : Water
 Fluid Temperature : 20 °C
 Density : 0.9983 kg/dm³
 Kinematic viscosity : 1.005 mm²/s
 Vapor pressure : 2.2045 kPa

Hydraulic data (duty point)

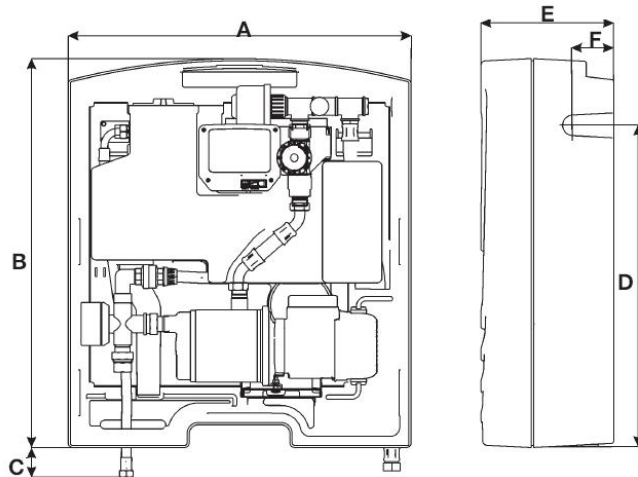
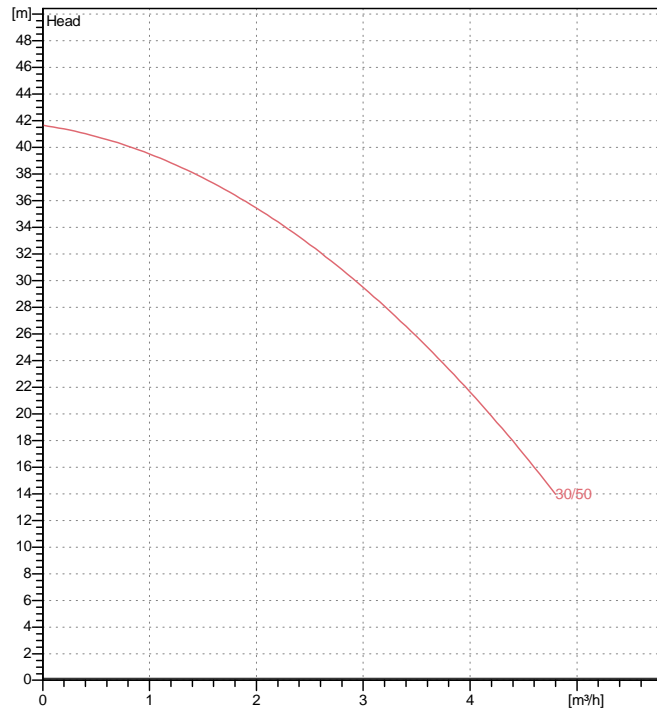
 Flow : 0 m³/h
 Head : 0 m
 Power input P1 : 0.88 kW
 Rated speed : 2800 1/min

Materials

 Pump body : AISI 304 X5 Cr Ni 1810 UNI 6900/71
 Impeller : Technopolymer
 Shaft with rotor : AISI 304 X5 Cr Ni 1810 UNI 6900/71
 OR ring : NBR
 Diffuser : Technopolymer
 Mechanical seal : Carbon/Ceramic
 Disc seal : AISI 304 X5 Cr Ni 1810 UNI 6900/71

Motor data

 Motor brand : DAB
 Nominal power P2 : 0.55 kW
 Rated speed : 2800 1/min
 Rated voltage : 1~ 220-240 V 50 Hz
 Nominal current : 3.9 A
 Degree of protection : IP 44

Curve tolerance according to ISO 9906

Dimensions in mm

A	750	E	290				
B	850	F	148				
C	50.5						
D	747						

 Suction side : /
 Discharge side : /
 Weight : 28 kg



PERFORMANCE CURVES

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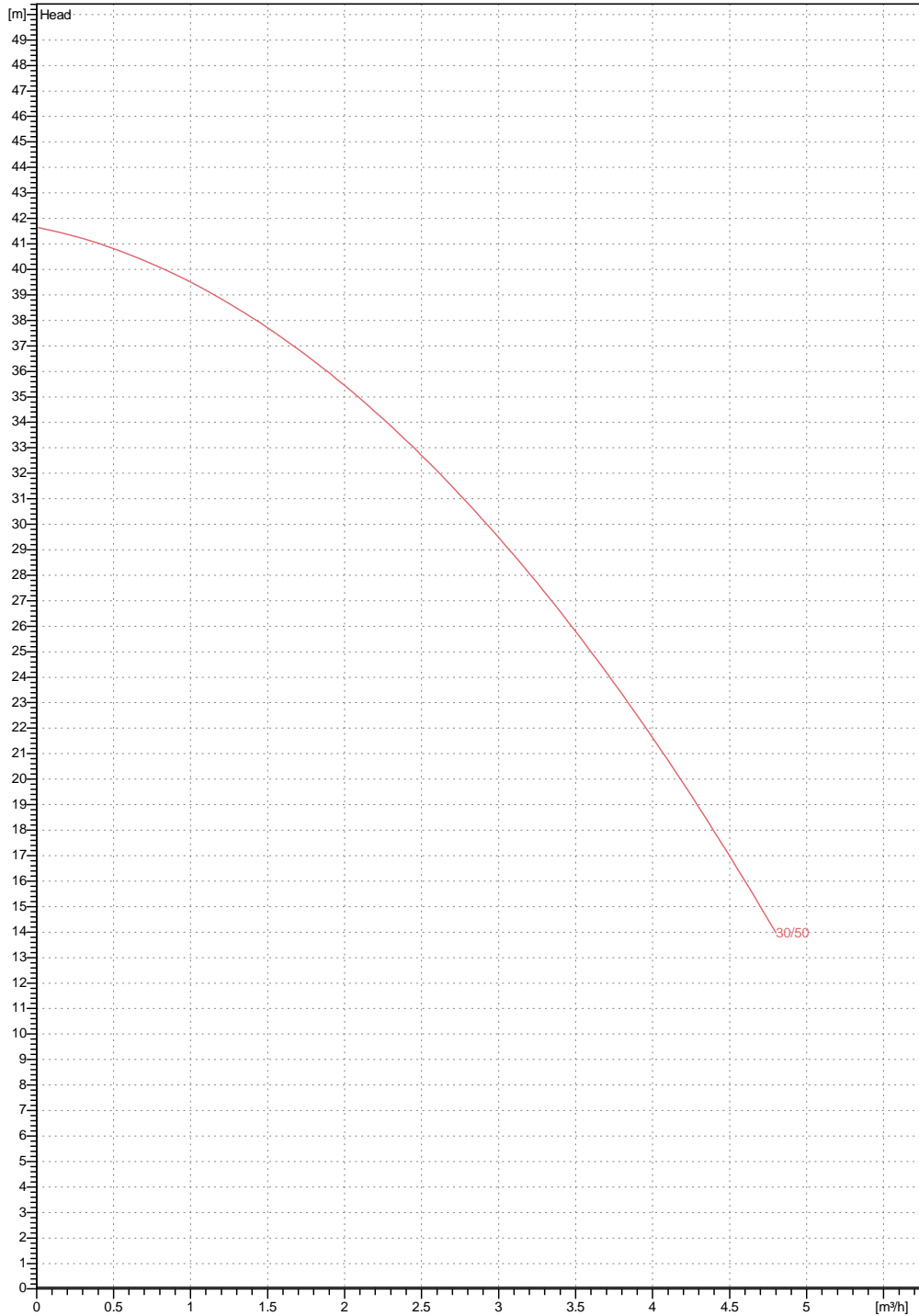
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AQUAPROF BASIC 30/50

Curve tolerance according to ISO 9906



Hydraulic data (duty point)

Suction side :	Discharge side :	Flow : 0 m³/h	Head : 0 m	Rated speed : 2800 1/min
Project	Project ID	Created by	Created on 2017-05-31	



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DIMENSIONAL DRAWING

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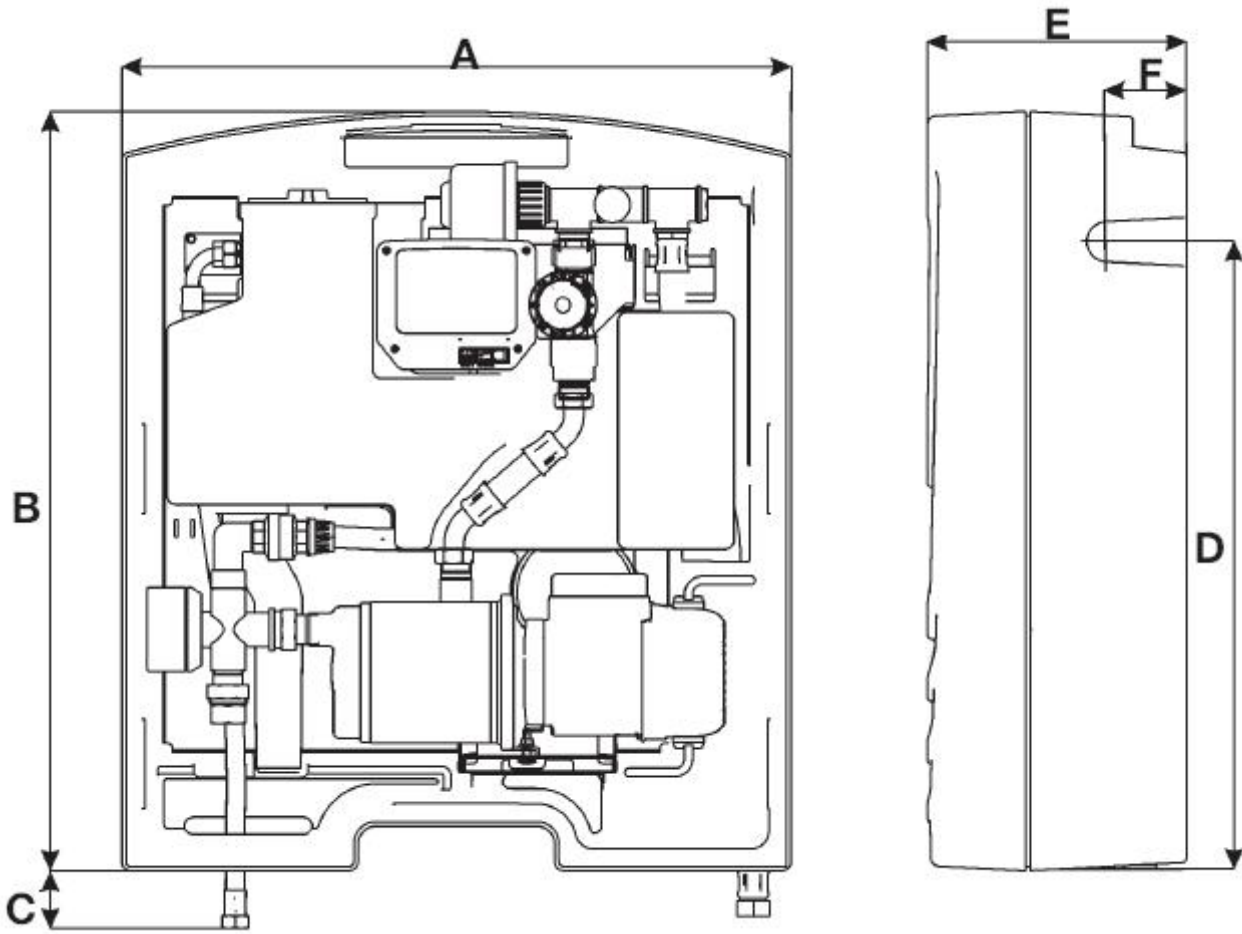
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Dimensions in mm

1	A	750				
2	B	850				
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5	E	290				
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Pump connection

Suction

Discharge

Project

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