

## SMB30/1SVE05F003/M2/UK

### Technical data

Company name  
Contact  
Phone number  
e-mail address

Operating data											
1	Nominal flow	m <sup>3</sup> /h	0	Fluid		Water, pure					
2	Nominal head	m	0	Operating temperature t A	°C	4					
3	Static head	m	0	pH-value at t A		7					
4	Inlet pressure	kPa	0	Density at t A	kg/m <sup>3</sup>	1000					
5	Env ironmental temperature	°C	20	Kin. viscosity at t A	mm <sup>2</sup> /s	1.569					
6	Av ailable system NPSH	m	0	Vapor pressure at t A	kPa	100					
7	Solids		0	Altitude	m	0					
8											
Pump data											
9	Pump designation			Impeller Ø	Max.	mm	73				
10	SMB30/1SVE05F003/M2/UK				designed	mm	73				
11	Design	Variable speed			Min.	mm	73				
12	Make			Flow	Nominal	m <sup>3</sup> /h	( )				
13					Max-	m <sup>3</sup> /h	2.8				
14	Speed	rpm	2900		Min-	m <sup>3</sup> /h	.8				
15				Head	Nominal	m					
16	Max. working pressure	kPa	441.4		at Qmax	m	21				
17	Head H(Q=0)	m	45		at Qmin	m	45.6				
18	Weight	kg	On demand	Shaft power	kW	( )					
19	Weight data include external package			Max. shaft power	kW	1.3					
20				Efficiency	%						
21				NPSH 3%	m						
Materials											
22			<b>Booster</b>		<b>Motor data</b>						
23	Manifolds		Stainless steel, 1.4301, AISI 304	Manufacturer	Lowara	Electric voltage	208 V				
24	On-off valves		Nickel-plated brass	Specific design	Single phase e-SM motor						
25	Non-return valves		Brass	Type	ESM90R/103 SVE	Electric current	4.38 A				
26	Pressure switches		Galvanized steel/AISI 301	Rated power	0.37 kW	Degree of protection	IP 55				
27	Pressure transmitters		Stainless steel, 1.4301, AISI 304	Speed	3600 rpm	Insulation class	F				
28	Caps/plugs/flanges		AISI 304 / 316	Frame size	90R					RAL 5010	
29	Fittings		AISI 304 / 316	Weight	0 kg						
30	Bracket		Galvanized/painted steel								
31	Base		Painted steel								
32											
Standard options											
33	Non return valve position			Non return valve in delivery side							
34	Set certificate										
35	Material Combination			Standard materials combination							
36	Pump Test			Set without certified pumps							
37	High pressure protection			Without high pressure protection on delivery							
38	Turned Delivery Manifold			Standard							
39	Oversize Piping			Standard manifold							
40	Control Panel			Standard							
41	Protection Against Dry Running			Without protection against dry running							
42	Control Devices Oversized			Standard							
43	Delivery Side			Standard delivery							
44	Suction side			Standard suction							
45	Pressure Transmitter			Standard							
46	Control Panel Position			Standard position							
47	Electric Pump Special Seals			Standard							
48	Non-return Valve			Standard non-return valve							

**SMB30/1SVE05F003/M2/UK**

**Performance curve**

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**Operating Data Specification**

Flow 0 m<sup>3</sup>/h  
Head 0 m  
Static head 0 m

**Hydraulic data (duty point)**

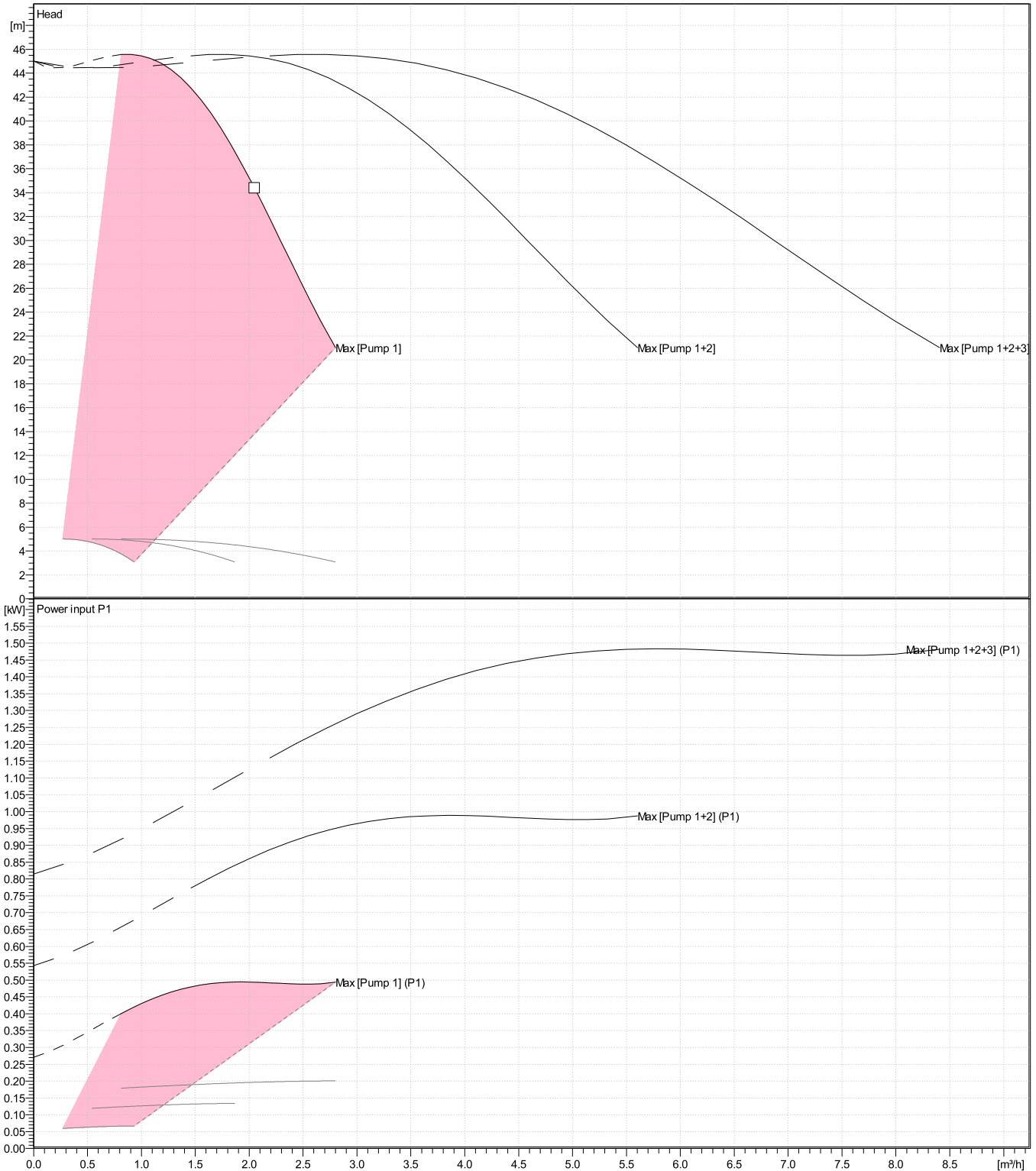
Flow  
Head

**Impeller design**

Impeller R 73 mm  
Frequency 50 Hz  
Speed 2900 rpm

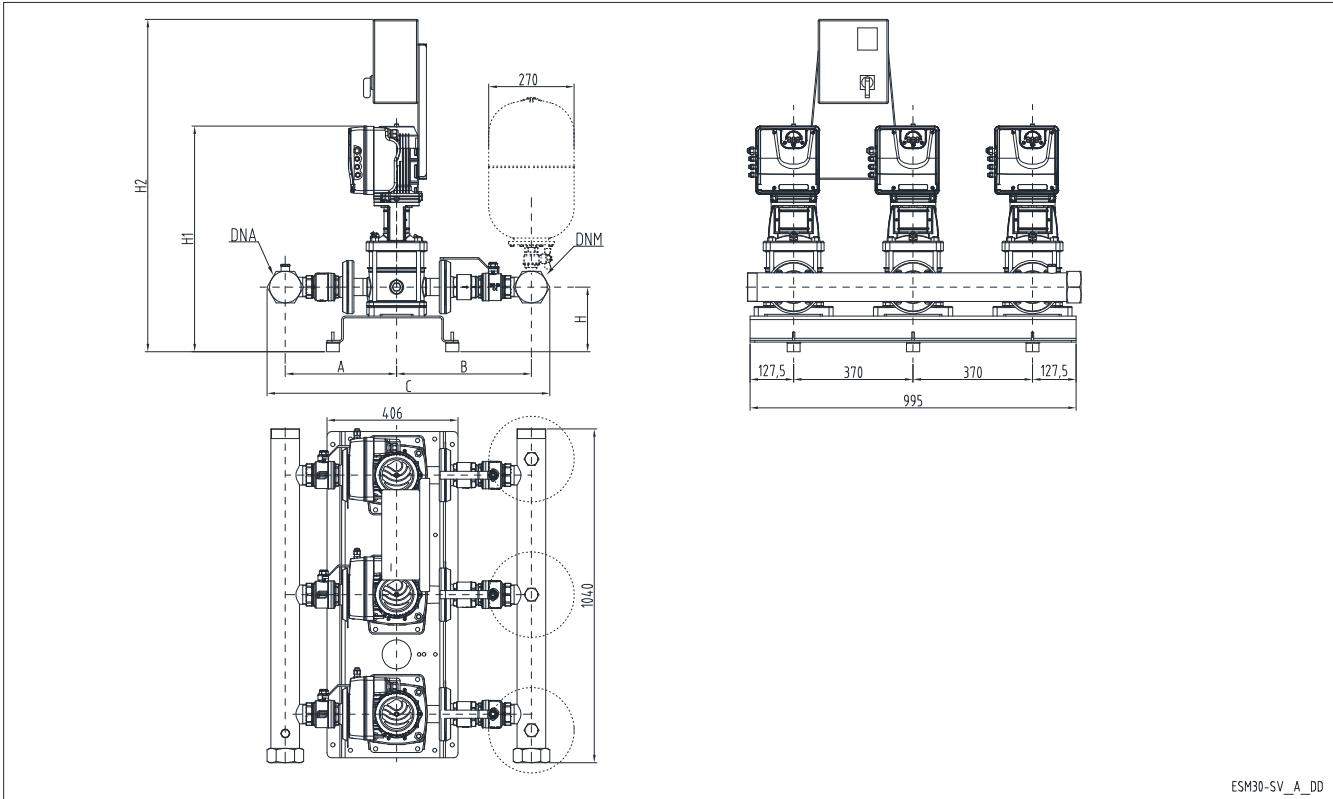
**Power datas referred to:**

Water, pure [100%]; 4°C; 1000kg/m<sup>3</sup>; 1.57mm<sup>2</sup>/s  
Performance according to ISO 9906:2012 – Grade 3B



**Dimensions**

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ESM30-SV\_A\_DD

**PLEASE NOTE:**

**Dimensions**

mm

A	256					Weight (Include external package) On demand
B	311					
C	627					
DNA	R2"					
DNM	R2"					
H	185					
H1	690					
H2	976					

<b>Project</b>	Xylect-20870696	<b>Created by</b>		<b>Last update</b>	7/18/2023
<b>Block</b>	SMB30/1SVE05F003/M2/UK	<b>Created on</b>	7/18/2023		