

## SMB30/15SVE01F011/T4/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	
10	SMB30/15SVE01F011/T4/UK				designed	mm	
11	Design	Variable speed			Min.	mm	
12	Make			Flow	Nominal	m <sup>3</sup> /h	( )
13					Max-	m <sup>3</sup> /h	29
14	Speed	rpm	2900		Min-	m <sup>3</sup> /h	10.2
15				Head	Nominal	m	
16	Max. working pressure	kPa	202.3		at Qmax	m	3.2
17	Head H(Q=0)	m	21		at Qmin	m	19.4
18	Weight	kg	On demand	Shaft power	kW	( )	
19	Weight data include external package			Max. shaft power	kW	3.5	
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	240 V
24	On-off valves	Nickel-plated brass		Specific design	Three phase e-SM motor		
25	Non-return valves	Brass		Type	ESM90R/311 SVE	Electric current	4.69 A
26	Pressure switches	Galvanized steel/AISI 301		Rated power	1.1 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				

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## 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)

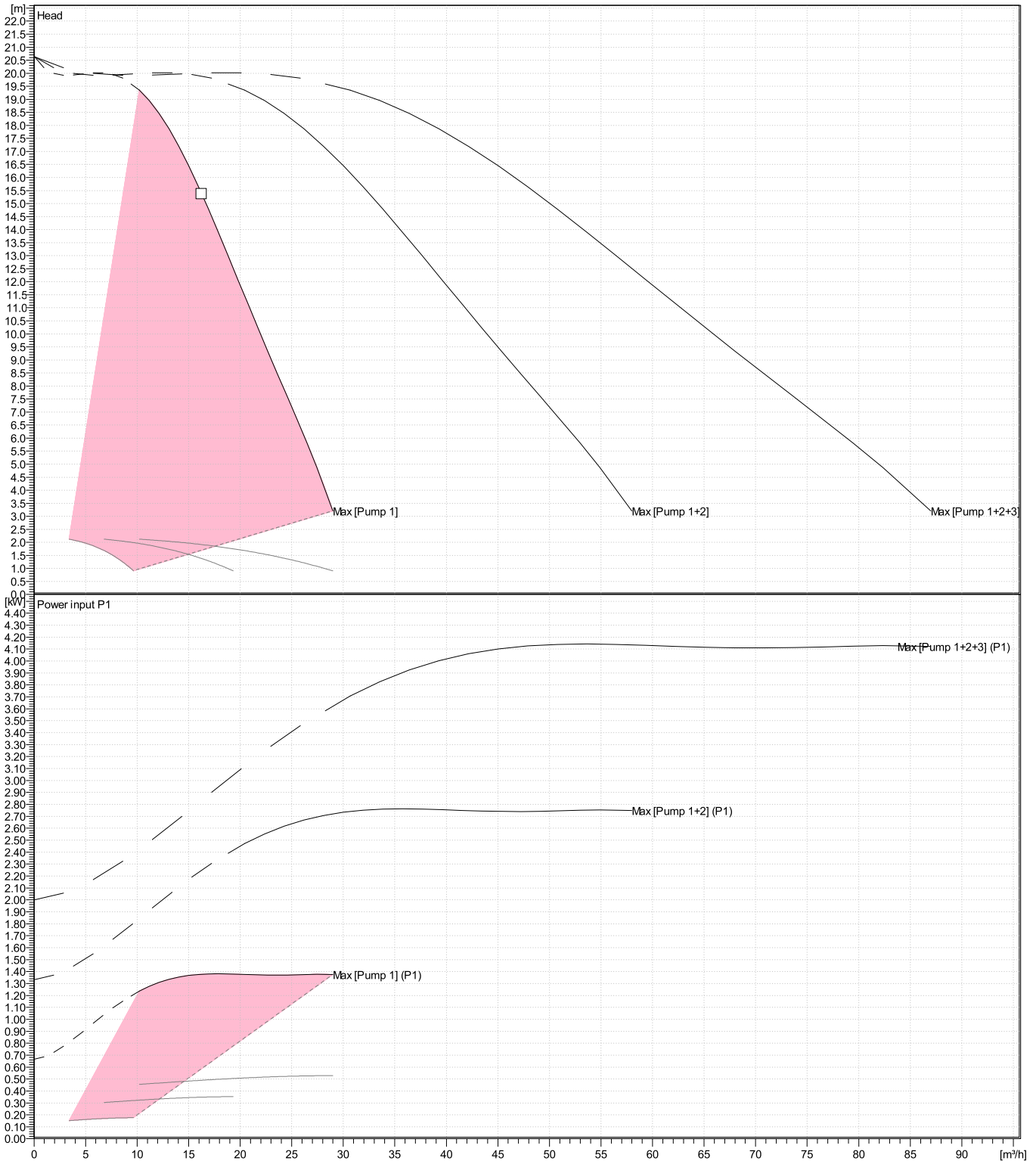
Flow  
Head

### Impeller design

Impeller R 0 mm  
Frequency 50 Hz  
Speed 2900 rpm

### Power datas referred to:

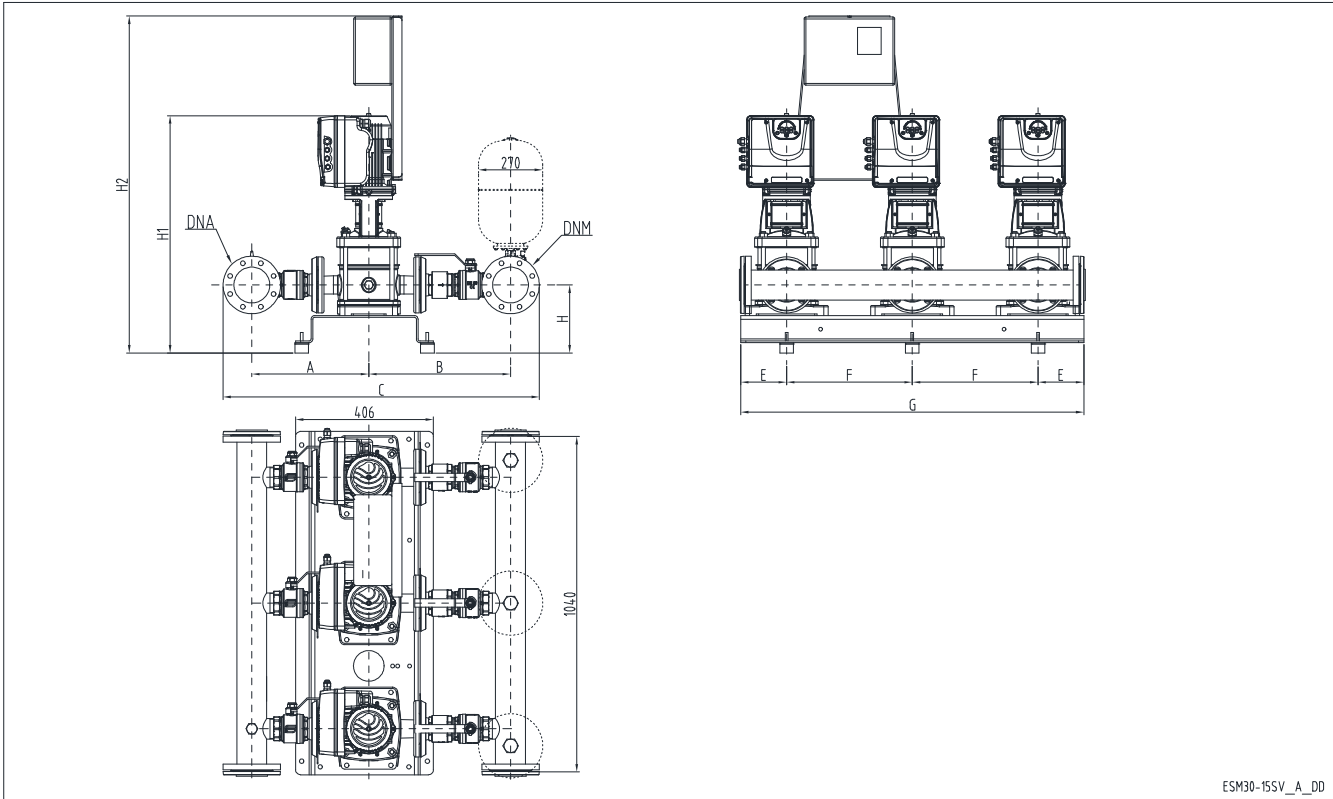
Water, pure [100%]; 4°C; 1000kg/m<sup>3</sup>; 1.57mm<sup>2</sup>/s  
Performance according to ISO 9906:2012 – Grade 3B



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**Dimensions**

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**PLEASE NOTE:**

**Dimensions**

mm

A	357					Weight (Include external package) On demand
B	418					
C	984					
DNA	100					
DNM	80					
H	200					
H1	771					
H2	1057					

<b>Project</b>	Xylect-20871157	<b>Created by</b>		<b>Last update</b>	7/18/2023
<b>Block</b>	SMB30/15SVE01F011/T4/UK	<b>Created on</b>	7/18/2023		