

SMB30/1SVE15F011/T4/UK

Technical data

Company name
Contact
Phone number
e-mail address

Operating data									
1	Nominal flow	m ³ /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 ³	1000			
5	Env ironmental temperature	°C	20	Kin. viscosity at t A	mm ² /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	SMB30/1SVE15F011/T4/UK				designed	mm			
11	Design	Variable speed			Min.	mm			
12	Make			Flow	Nominal	m ³ /h	()		
13					Max-	m ³ /h	2.8		
14	Speed	rpm	2900		Min-	m ³ /h	.8		
15				Head	Nominal	m			
16	Max. working pressure	kPa	1325.5		at Qmax	m	61.9		
17	Head H(Q=0)	m	140		at Qmin	m	136.8		
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		Booster			Motor data				
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 delive 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 m³/h
Head 0 m
Static head 0 m

Hydraulic data (duty point)

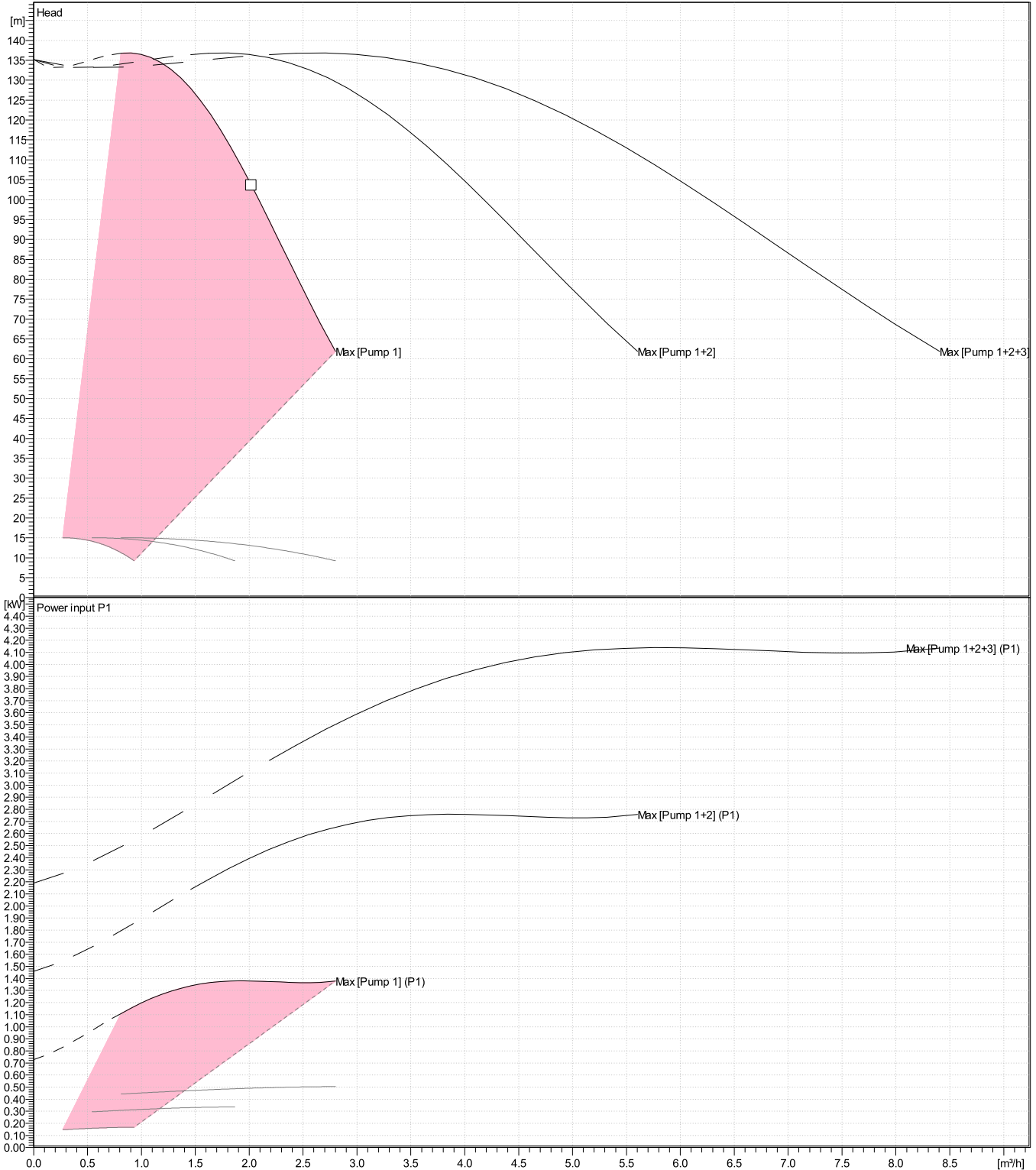
Flow
Head

Impeller design

Impeller R 0 mm
Frequency 50 Hz
Speed 2900 rpm

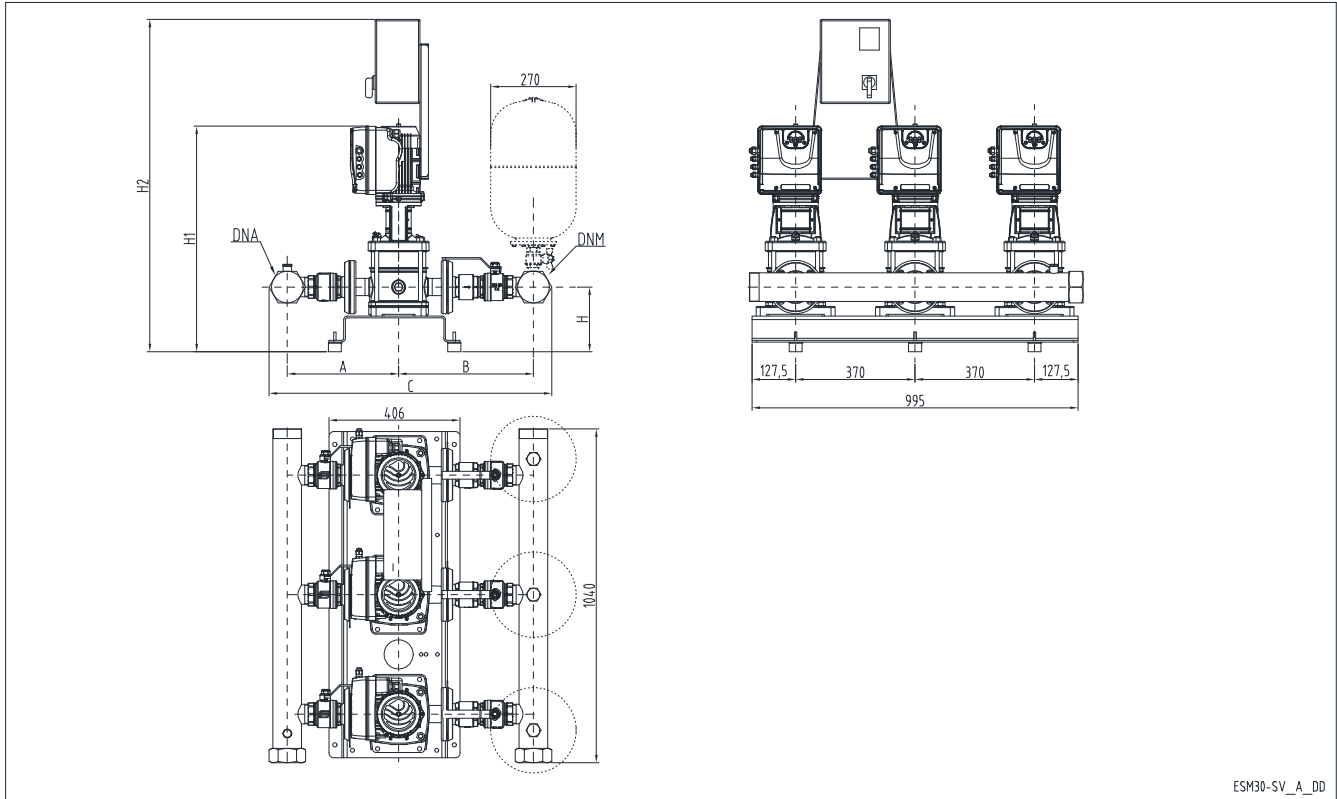
Power datas referred to:

Water, pure [100%] ; 4°C; 1000kg/m³; 1.57mm²/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	890					
H2	1176					

Project	Xylect-20871043	Created by		Last update	7/18/2023
Block	SMB30/1SVE15F011/T4/UK	Created on	7/18/2023		