

SMB30/3SVE09F011/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	SMB30/3SVE09F011/T4/UK				designed	mm	
11	Design	Variable speed			Min.	mm	
12	Make			Flow	Nominal	m ³ /h	()
13					Max-	m ³ /h	5.2
14	Speed	rpm	2900		Min-	m ³ /h	1.4
15				Head	Nominal	m	
16	Max. working pressure	kPa	983.7		at Qmax	m	30.6
17	Head H(Q=0)	m	100		at Qmin	m	101.3
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 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 m³/h
Head 0 m
Static head 0 m

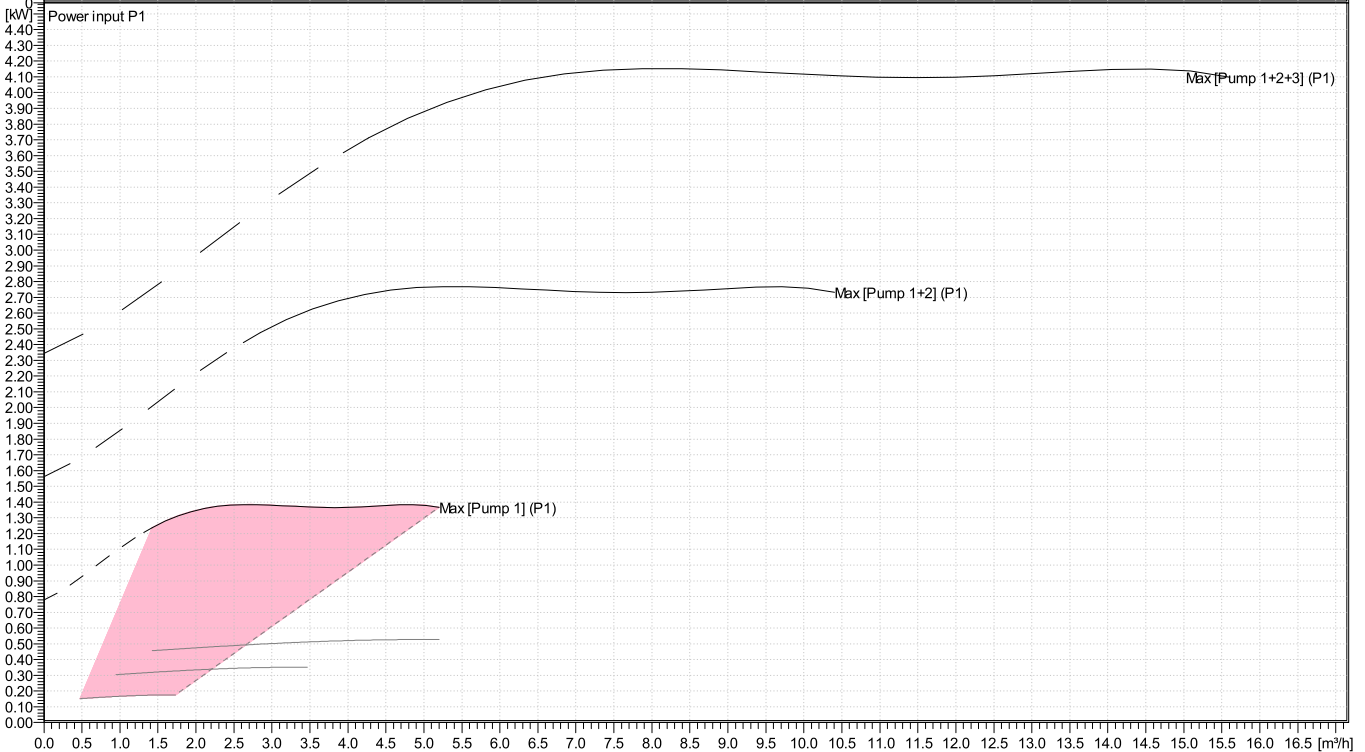
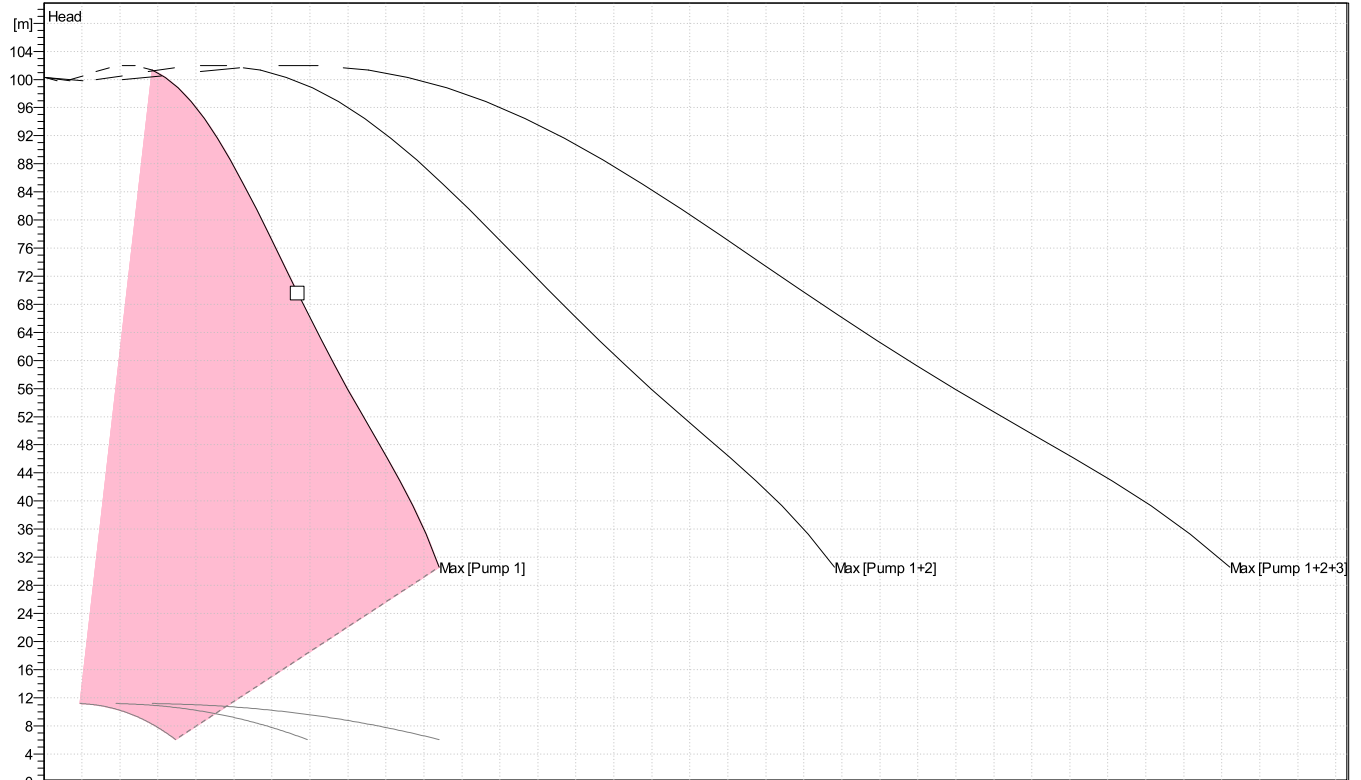
Hydraulic data (duty point)

Flow
Head

Impeller design

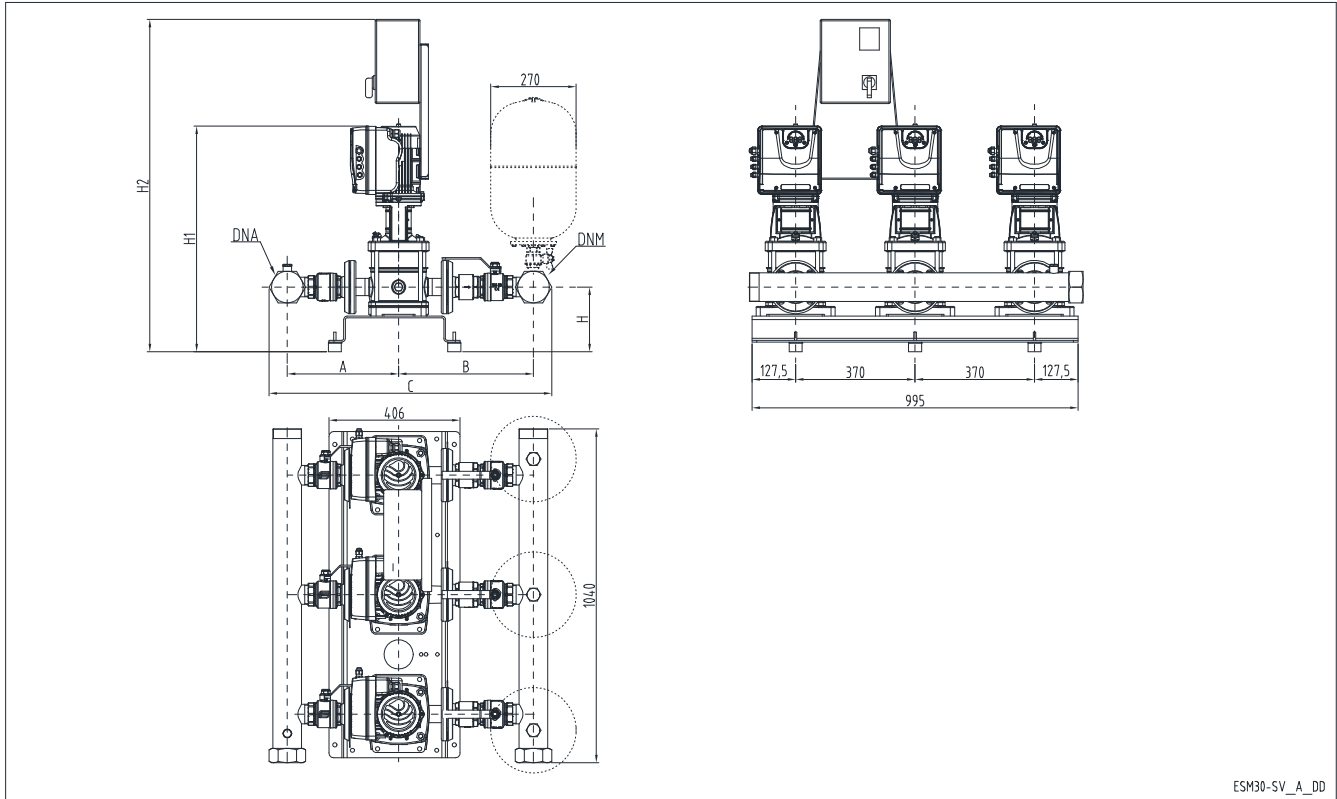
Impeller R 0 mm
Frequency 50 Hz
Speed 2900 rpm

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	770					
H2	1056					

Project Xylect-20871062
Block SMB30/3SVE09F011/T4/UK

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