

SMB20/A/10SVE02F007/M2

Company
Contact
Phone number
Email

Customer
Contact
Phone number
Email

Date
Item no.
Project
Project no.

11/14/2017

Operating data

1	Pumpe type	Single-/Multi-pump set	Fluid	Water
2	No. of pumps / Reserve	2 / 0	Operating temperature t A	°C 4
3	Nominal flow	l/s 0	pH-value at t A	7
4	Nominal head	m 0	Density at t A	kg/m³ 1000
5	Static head	m 0	Kin. viscosity at t A	mm²/s 1.569
6	Inlet pressure	bar 0	Vapor pressure at t A	bar 1
7	Environmental temperature	°C 20	Solids	0
8	Available system NPSH	m 0	Altitude	m 0

Pump data

9	Pump designation		Impeller Ø	Max.	mm	
10	SMB20/A/10SVE02F007/M2			designed	mm	
11	Design			Min.	mm	
12	Make			Nominal	l/s	()
13			Flow	Max-	l/s	4.7
14	Speed	rpm 3500		Min-	l/s	1.7
15				Nominal	m	
16	Max. working pressure	bar	Head	at Qmax	m	11
17	Head H(Q=0)	m 0.012		at Qmin	m	1.4
18	Weight	kg On demand	Shaft power	kW	()	
19	Weight data include external package		Max. shaft power	kW		
20			Efficiency	%		
21			NPSH 3%	m		

Materials

22		Booster	Motor data			
23	Manifolds	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/111 SVE	Electric current	8.57 A
26	Pressure switches	Galvanized steel/AISI 301	Rated power	1.1 kW	Degree of protection	IP 55
27	Pressure transmitters	AISI 304	Speed	3600 rpm	Insulation class	B
28	Caps/plugs/flanges	AISI 304 / 316	Frame size	56		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	/A	WRAS, ACS set certificate
35	Material Combination		SMB - 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

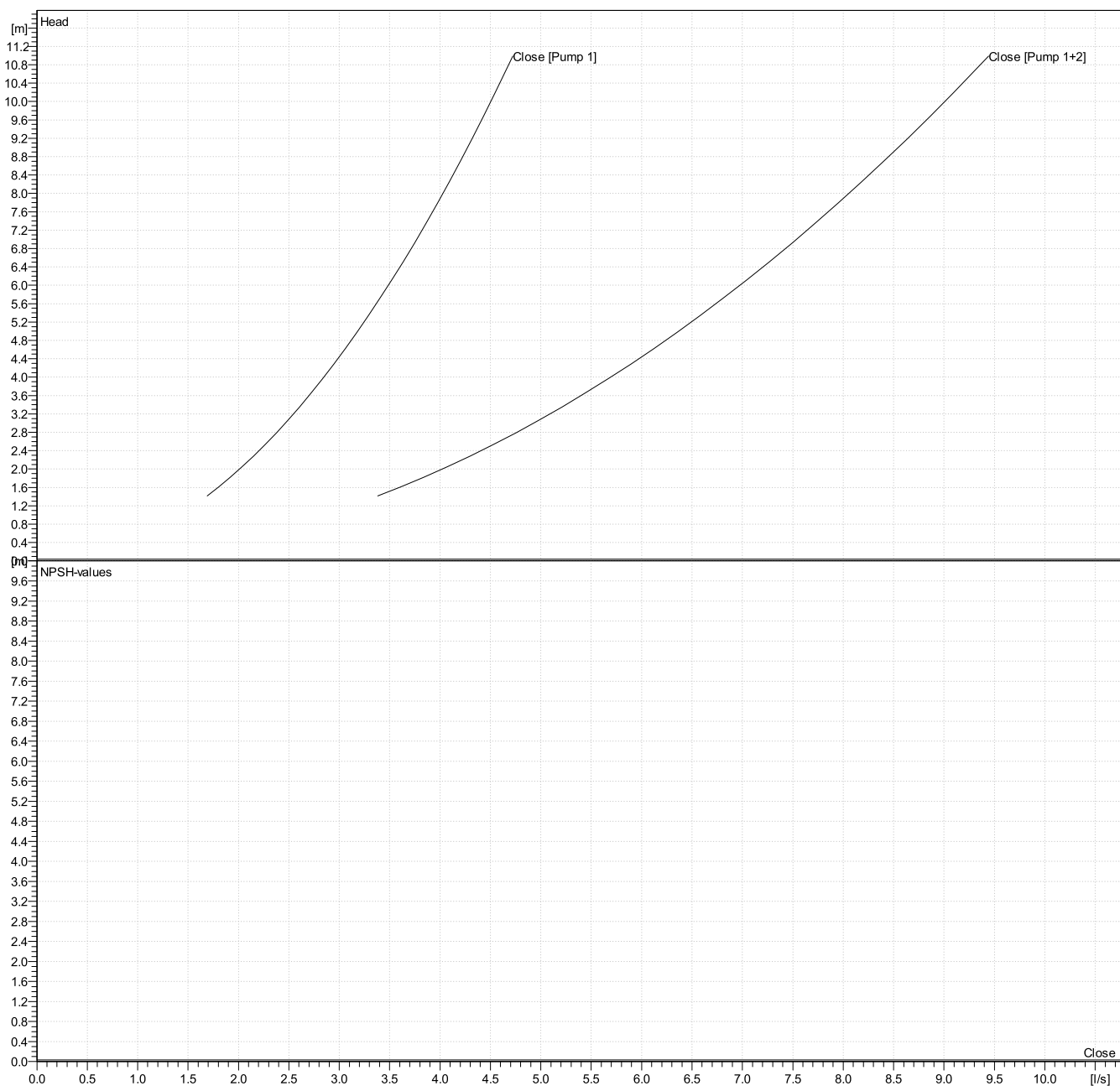
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Operating Data Specification	Hydraulic data (duty point)	Impeller design
Flow Head Static head	Flow Head	Impeller R Frequency Speed
0 l/s 0 m 0 m		0 mm 50 Hz 3500 rpm

Power datas referred to:

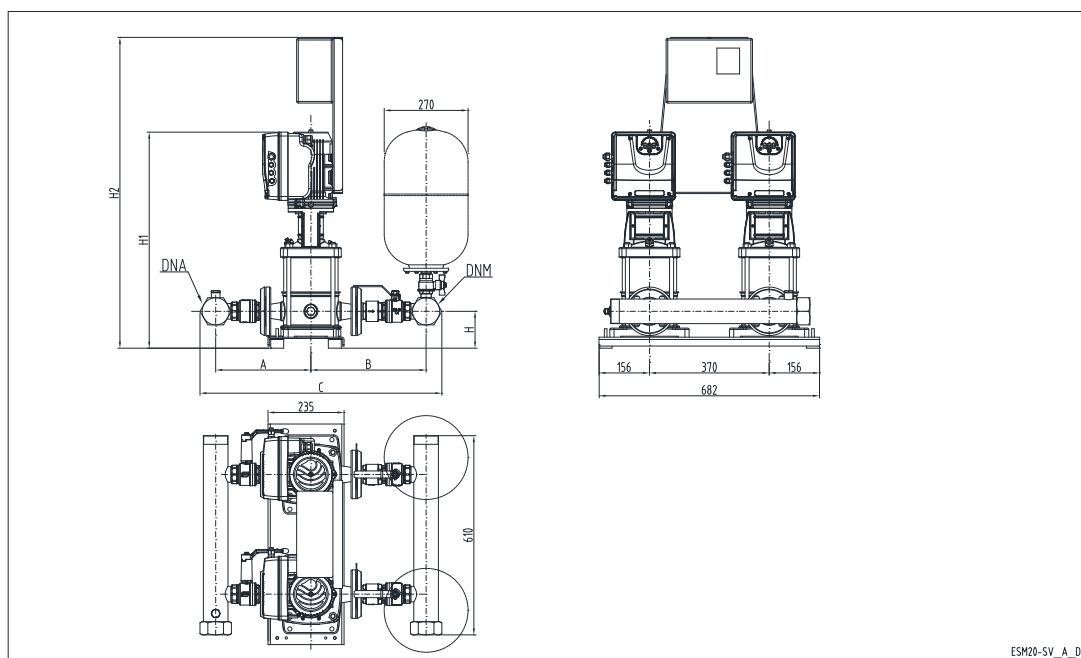
Water [100%] ; 4°C; 1000kg/m³; 1.57mm²/s

Performance according to ISO 9906:2012 – Grade 3B



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PLEASE NOTE:

Dimensions

mm

A	294					Weight (Include external package) On demand
B	356					
C	726					
DNA	R2"1/2					
DNM	R2"1/2					
H	114					
H1	643					
H2	930					