

SMB10/1HME05S03/M2

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	Environmental temperature	°C	20	Kin. viscosity at t A	mm ² /s 1.569
6	Available system NPSH	m	0	Vapor pressure at t A	kPa 100
7	Solids		0	Altitude	m 0
8					
Pump data					
9	Pump designation			Max.	mm 73
10	SMB10/1HME05S03/M2			designed	mm 73
11	Design	Variable speed		Min.	mm 73
12	Make			Nominal	m ³ /h ()
13				Max-	m ³ /h 2.8
14	Speed	rpm	2900	Min-	m ³ /h .8
15				Nominal	m
16	Max. working pressure	kPa	441.5	at Qmax	m 19
17	Head H(Q=0)	m	45	at Qmin	m 45.4
18	Weight	kg	On demand	Shaft power	kW ()
19	Weight data include external package			Max. shaft power	kW .4
20				Efficiency	%
21				NPSH 3%	m
Materials					
22		Booster		Motor data	
23	Non-return valves	Brass		Manufacturer	Lowara
24	Pressure switches	Galvanized steel/AISI 301		Electric voltage	208 V
25	Pressure transmitters	Stainless steel, 1.4301, AISI 304		Specific design	Single phase e-SM motor
26	Caps/plugs/flanges	AISI 304 / 316		Type	ESM80/103 HM
27	Fittings	AISI 304 / 316		Rated power	0.37 kW
28				Speed	3600 rpm
29				Frame size	80
30				Weight	0 kg
31					
32					
Standard options					
33	Non return valve position		Non return valve in delivery side		
34	Set certificate				
35	Material Combination		SMB10 - Standard materials combination		
36	Pump Test		Set without certified pumps		
37	High pressure protection		Without high pressure protection on delivery		
38	Turned Delivery Manifold				
39	Oversize Piping				
40	Control Panel				
41	Protection Against Dry Running		Without protection against dry running		
42	Control Devices Oversized		Standard		
43	Delivery Side				
44	Suction side				
45	Pressure Transmitter				
46	Control Panel Position				
47	Electric Pump Special Seals				
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)

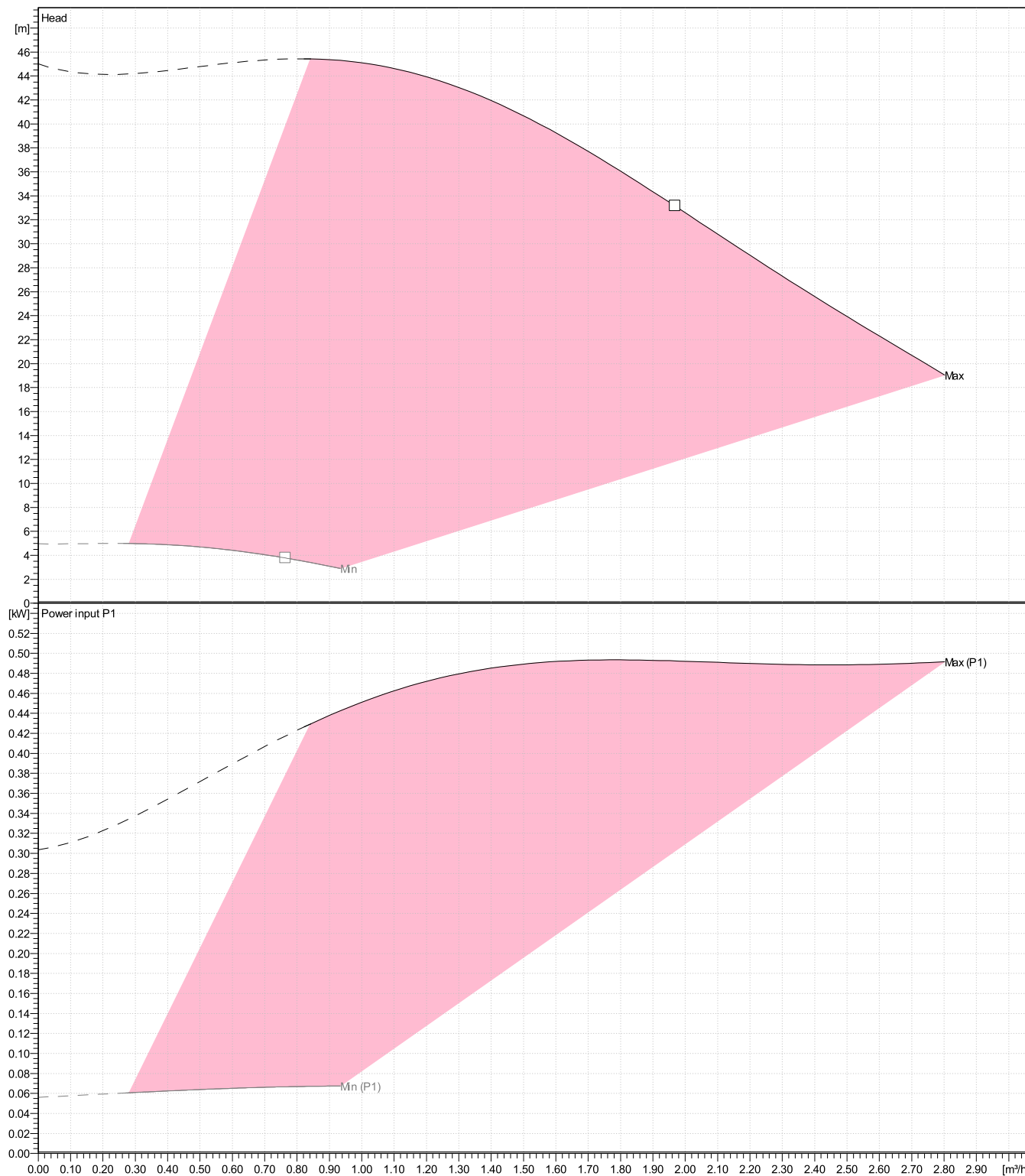
Flow
Head

Impeller design

Impeller R 73 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



Project Xylet-20856480
Block SMB10/1HME05S03/M2

Created by
Created on 7/14/2023

Last update 7/14/2023

Program version
69.0 - 15/05/2023 (Build 33)

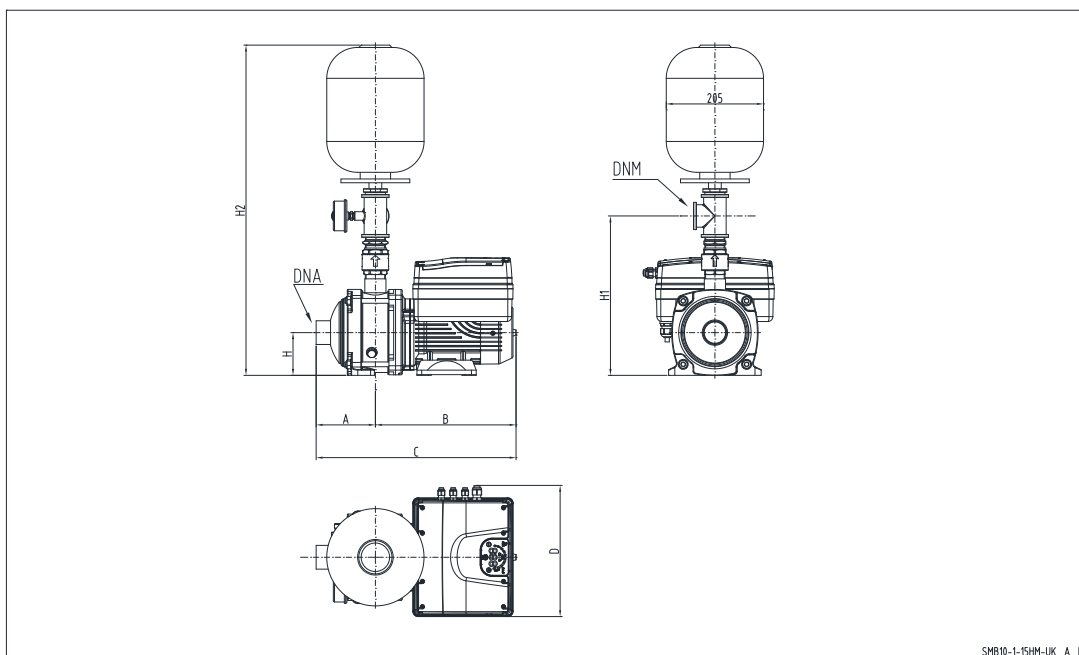
Data version
11/07/2023 09:15

User group(s)
Xylem: United Kingdom - EXT

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Dimensions

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PLEASE NOTE:

Dimensions

mm

A	127					Weight (Include external package) On demand
B	287					
C	414					
D	224					
DNA	Rp 1"					
DNM	Rp 1"					
H	90					
H1	285					
H2	633					

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