

SMB10/1HME11S07/T4

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			Impeller Ø	Max. mm
10	SMB10/1HME11S07/T4				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	949.1		at Qmax m 39.6
17	Head H(Q=0)	m	97		at Qmin m 99.1
18	Weight	kg	On demand	Shaft power	kW ()
19	Weight data include external package			Max. shaft power	kW .8
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		Specific design	Three phase e-SM motor
25	Pressure transmitters	Stainless steel, 1.4301, AISI 304		Type	ESM80/307 HM..
26	Caps/plugs/flanges	AISI 304 / 316		Rated power	0.75 kW
27	Fittings	AISI 304 / 316		Speed	3600 rpm
28				Frame size	80
29				Weight	0 kg
30					
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)

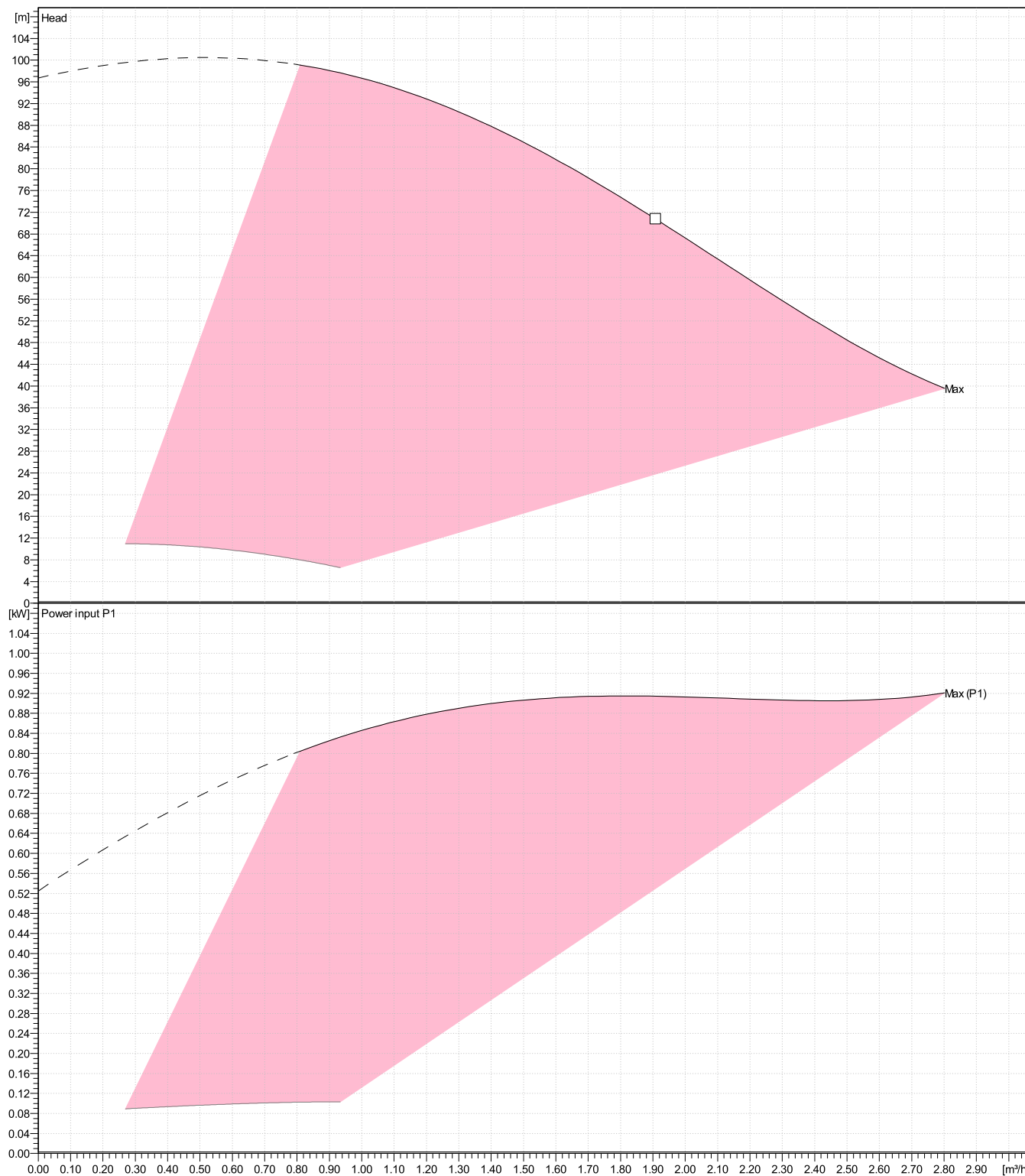
Flow
Head

Impeller design

Impeller R 0 mm
Frequency 50 Hz
Speed 2900 rpm

Power data referred to:

Water, pure [100%] ; 4°C; 1000kg/m³; 1.57mm²/s
Performance according to ISO 9906:2012 – Grade 3B



Project Block Xylect-20856480
SMB10/1HME11S07/T4

Created by
Created on 7/14/2023

Last update 7/14/2023

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

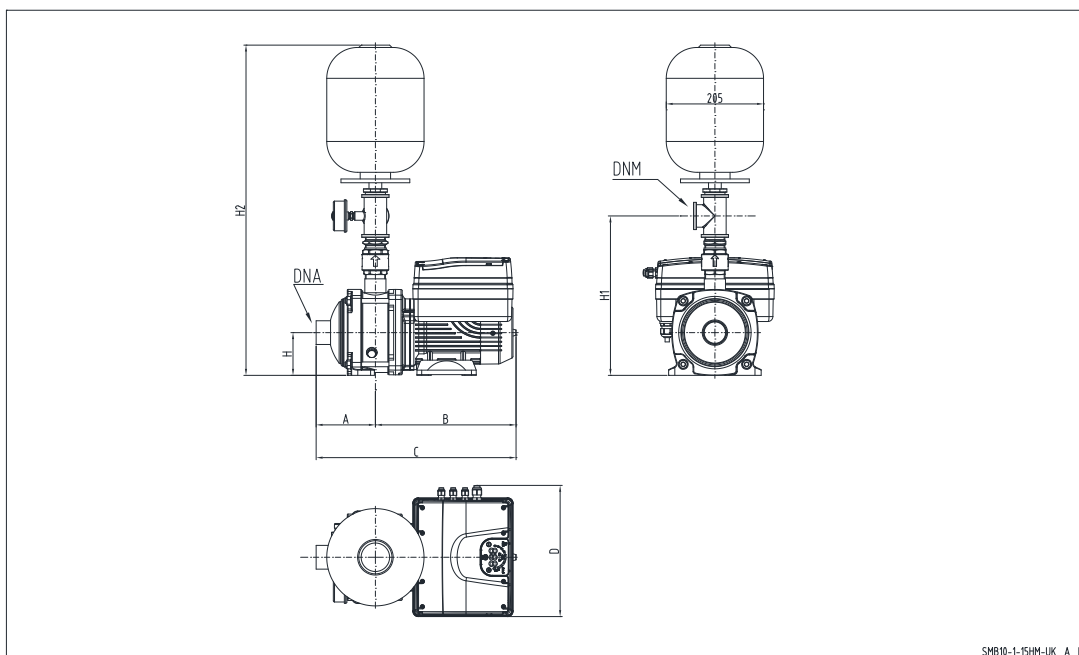
Data version
11/07/2023 09:15

User group(s)
Xylem: United Kingdom - EXT

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Dimensions

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PLEASE NOTE:

Dimensions

mm

A	231					Weight (Include external package) On demand
B	296					
C	527					
D	277					
DNA	Rp 1"					
DNM	Rp 1"					
H	90					
H1	285					
H2	633					

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