

2GS11M-L4C

Company Contact Phone number Email			Customer Contact Phone number Email			Date Item no. Project Project no.			1/7/2021	
Operating data										
1	Pumpe type	Single head pump			Fluid			Water, pure		
2	No. of pumps / Reserve	1 /			Operating temperature t A			°C 4		
3	Nominal flow	m ³ /h	0			pH-v value at t A			7	
4	Nominal head	m	0			Density at t A			kg/m ³ 1000	
5	Static head	m	0			Kin. viscosity at t A			mm ² /s 1.569	
6	Inlet pressure	kPa	0			Vapor pressure at t A			kPa 100	
7	Environmental temperature	°C	20			Solids			0	
8	Available system NPSH	m	0			Altitude			m 0	
Pump data										
9	Pump designation	2GS11M-L4C			Impeller Ø		Max.	mm	76	
10	Design	Borehole pumps					designed	mm	76	
11	Make	Lowara					Min.	mm	76	
12	Speed	rpm	2900			Flow		Nominal	m ³ /h ()	
13	Number of stages	20			Max-			m ³ /h	3	
14	Suction nozzle	/ /			Min-			m ³ /h		
15	Discharge nozzle	/ /			Head		Nominal	m		
16	Max. casing pressure	kPa					at Qmax	m	53.7	
17	Max. working pressure	kPa	1309.1				at Qmin	m	133.4	
18	Impeller type				Shaft power		kW	()		
19	Impeller design				Max. shaft power		kW	1		
20	Head H(Q=0)	m	130			Efficiency		%		
21	Weight	kg	16			NPSH 3%		m		
Materials										
22	Pump									
23	Valve cap	Stainless steel / AISI 304			Motor adapter		Stainless steel / CF-8 ASTM A743			
24	Valve gasket	NBR			Discharge head		Stainless steel / CF-8 ASTM A743			
25	Valve flange	Stainless steel / AISI 304			Screws, nuts, washers		Stainless steel / AISI 316			
26	Valve locking ring	Stainless steel / AISI 302			BUSH		Technopolymer PU			
27	Adapter ring	Technopolymer PPO			Diffuser		Technopolymer PPO			
28	Upper bush bracket	Technopolymer PPO			Impeller		Technopolymer PPO			
29	Thrust bearing	Stainless steel / AISI 304			Bowl		Stainless steel / AISI 304			
30	WASHER	Stainless steel / AISI 304			Intermediate bush		Stainless steel / CF-8 ASTM A743			
31	Intermediate bush	Technopolymer PPO			Cable guard		Stainless steel / AISI 304			
32	bracket_pos9 Shaft Sleeve	Stainless steel / AISI 304			Shim		Stainless steel / AISI 304			
33	Sleeve	Stainless steel / AISI 304			Upper pump shaft		Stainless steel / AISI 304			
34	Upper sleeve	Stainless steel / AISI 304			Intermediate coupling		Stainless steel / AISI 316			
35	Pump shaft	Stainless steel / AISI 304			Spacer		Stainless steel / AISI 304			
37	Coupling	Stainless steel / AISI 304								
36	Strainer	Stainless steel / AISI 304								
38										
Motor data					Cable					
39	Manufacturer	Lowara	Electric voltage	220 V	Cable type					
40	Specific design	1 phase submersible canned motor (e-GS)			Cable cross section		mm ²			
41	Type	L4C11M235	Electric current	8 A	Environmental temperature		°C	20		
42	Rated power	1.1 kW	Degree of protection	IP68	Cable length		0			
43	Speed	2820 rpm	Insulation class	155 (F)						
44	Frame size	56								
45	Weight	0 kg								
Base plate					Remarks:					
46	Name									
47	Weight	kg								

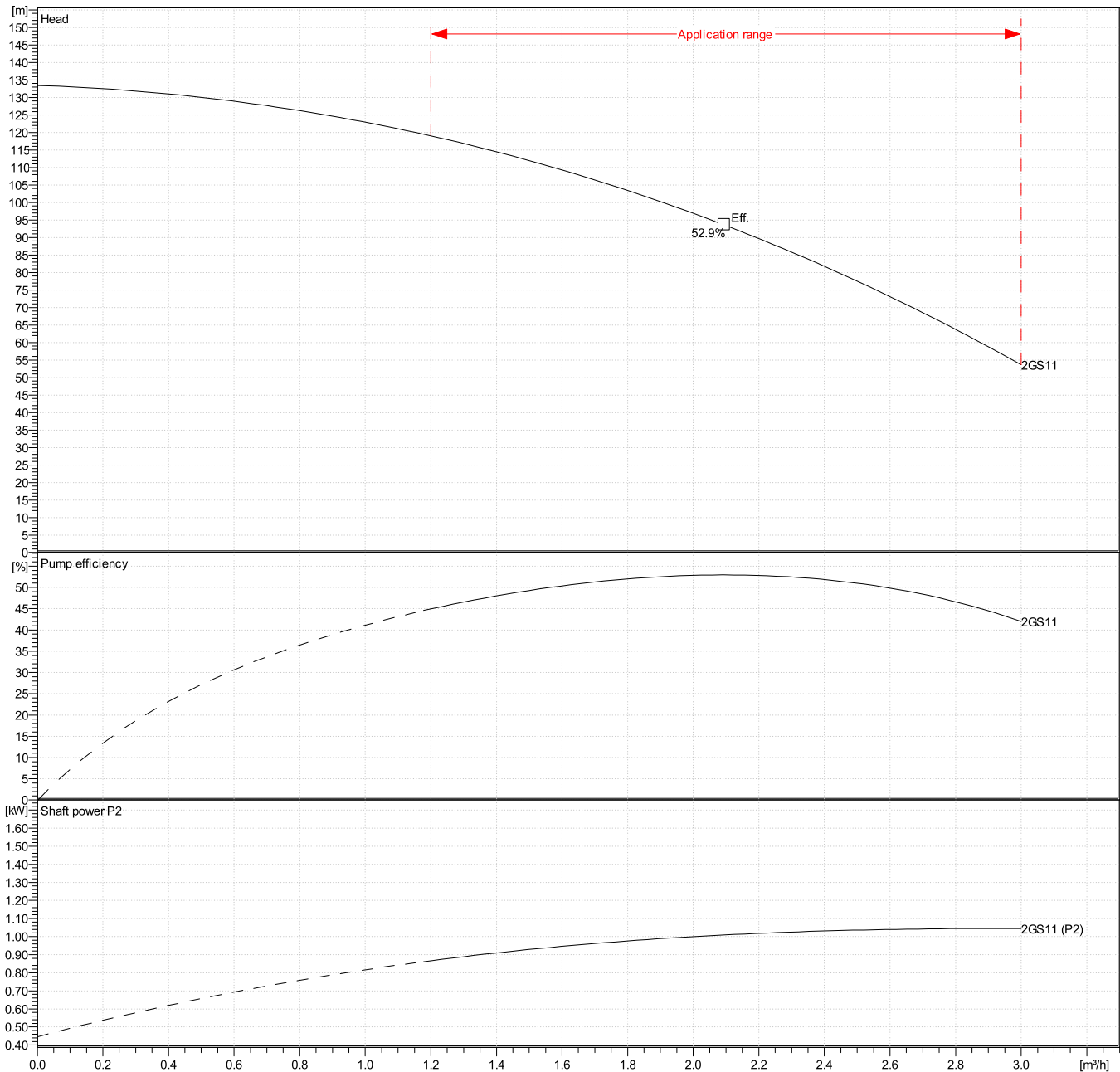
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Operating Data Specification Flow Head Static head	Hydraulic data (duty point) Flow Head MEI $\geq 0,4$	Impeller design Impeller R Frequency Speed	76 mm 50 Hz 2900 rpm

Power data referred to:

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

Performance according to ISO 9906:2012 – Grade 3B



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Dimensions

mm

DNM L	Rp 1 ¼ 836					Suction side / PN	
						Discharge side / PN	
						Weight	16.2kg

