

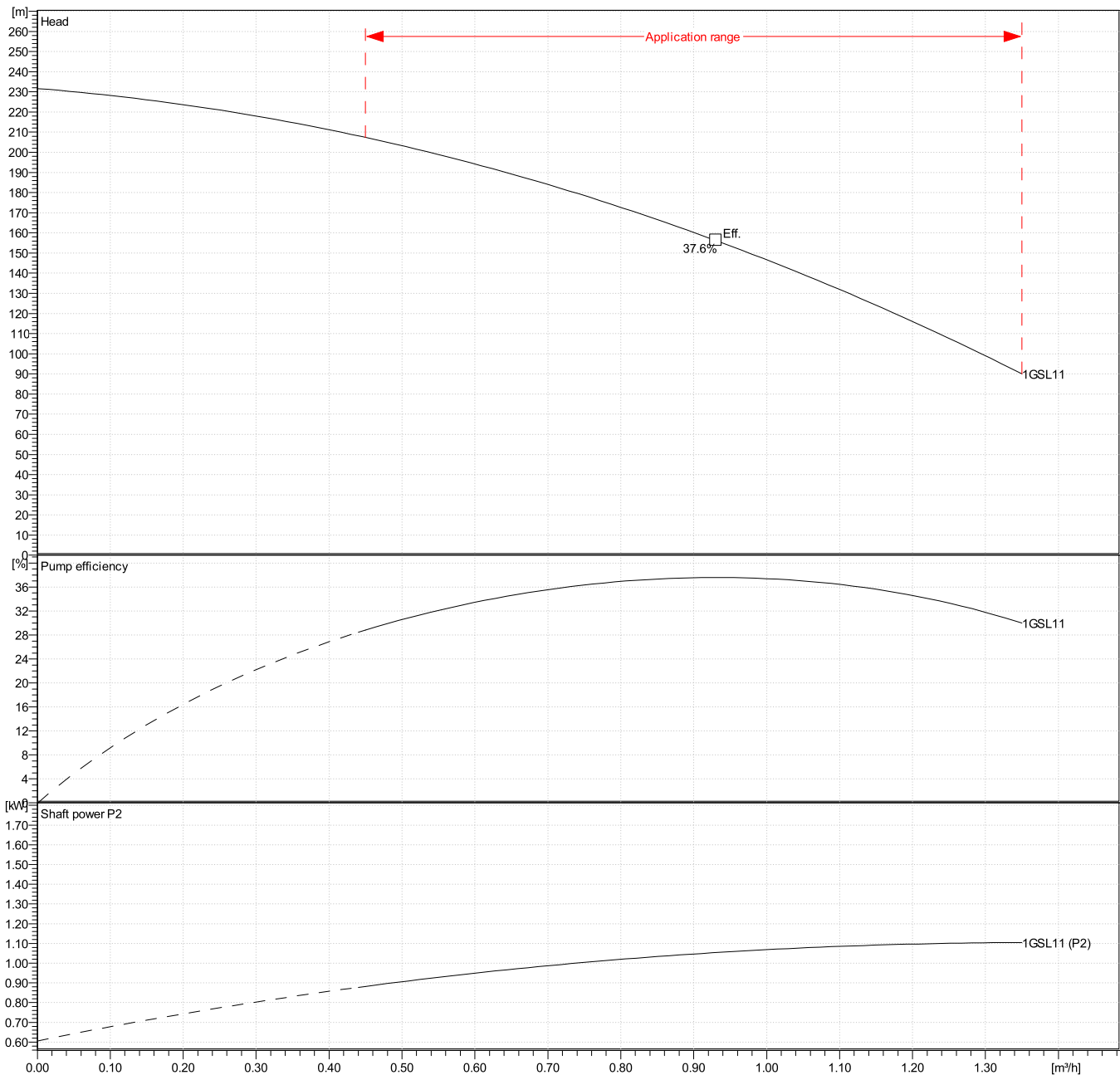
1GSL11M-L4C

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	1GSL11M-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	35			Max-				m ³ /h	1.4	
14	Suction nozzle	/ /			Min-				m ³ /h		
15	Discharge nozzle	/ /			Head			Nominal	m		
16	Max. casing pressure	kPa						at Qmax	m	90	
17	Max. working pressure	kPa	2272.4					at Qmin	m	231.6	
18	Impeller type				Shaft power			kW	()		
19	Impeller design				Max. shaft power			kW	1.1		
20	Head H(Q=0)	m	230			Efficiency			%		
21	Weight	kg	20			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 1153					Suction side / PN	
						Discharge side / PN	
						Weight	19.6kg

