

1GSL07M-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	Env ironmental temperature	°C 20			Solids			0	
8	Av ailable system NPSH	m 0			Altitude			m 0	
Pump data									
9	Pump designation	1GSL07M-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	24						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 61.7	
17	Max. working pressure	kPa 1558.2						at Qmin m 158.8	
18	Impeller type				Shaft power			kW ()	
19	Impeller design				Max. shaft power			kW .8	
20	Head H(Q=0)	m 160			Efficiency			%	
21	Weight	kg 14			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			Technopoly mer PU	
27	Adapter ring	Technopoly mer PPO			Diffuser			Technopoly mer PPO	
28	Upper bush bracket	Technopoly mer PPO			Impeller			Technopoly mer 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	Technopoly mer 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	L4C07M235		Electric current	6 A		Environmental temperature °C 20		
42	Rated power	0.75 kW		Degree of protection	IP68		Cable length 0		
43	Speed	2810 rpm		Insulation class	155 (F)				
44	Frame size	56							
45	Weight	0 kg							
Base plate					Remarks:				
46	Name								
47	Weight	kg							

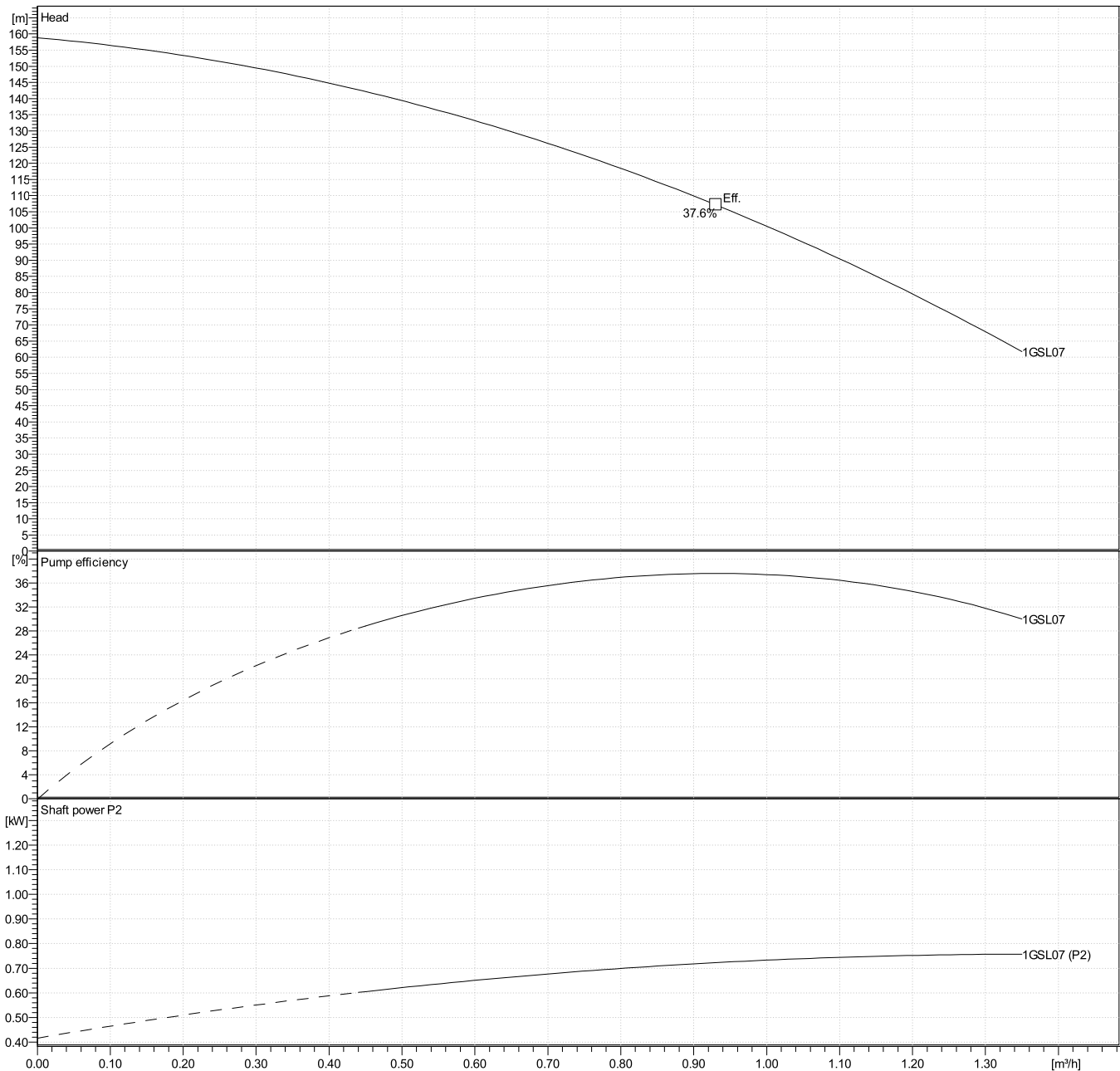
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Operating Data Specification	Hydraulic data (duty point)	Impeller design
Flow Head Static head	0 m ³ /h 0 m 0 m MEI >=0,4	Impeller R Frequency Speed
		76 mm 50 Hz 2900 rpm

Power datas 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 862					Suction side / PN	
						Discharge side / PN	
						Weight	14.2kg

