

6GS11M-L4C

Company		Customer		Date		1/7/2021	
Contact		Contact		Item no.		104152620	
Phone number		Phone number		Project			
Email		Email		Project no.			
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	6GS11M-L4C		Impeller Ø		Max. mm	
10	Design	Borehole pumps		designed		mm	
11	Make	Lowara		Min.		mm	
12	Speed	rpm	2900	Flow		Nominal m ³ /h ()	
13	Number of stages	10		Max-		m ³ /h 8.4	
14	Suction nozzle	/ /		Min-		m ³ /h 2.8	
15	Discharge nozzle	/ /		Head		Nominal m	
16	Max. casing pressure	kPa		at Qmax		m 20.7	
17	Max. working pressure	kPa	607.4	at Qmin		m 54.3	
18	Impeller type			Shaft power		kW ()	
19	Impeller design			Max. shaft power		kW 1	
20	Head H(Q=0)	m	62	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					

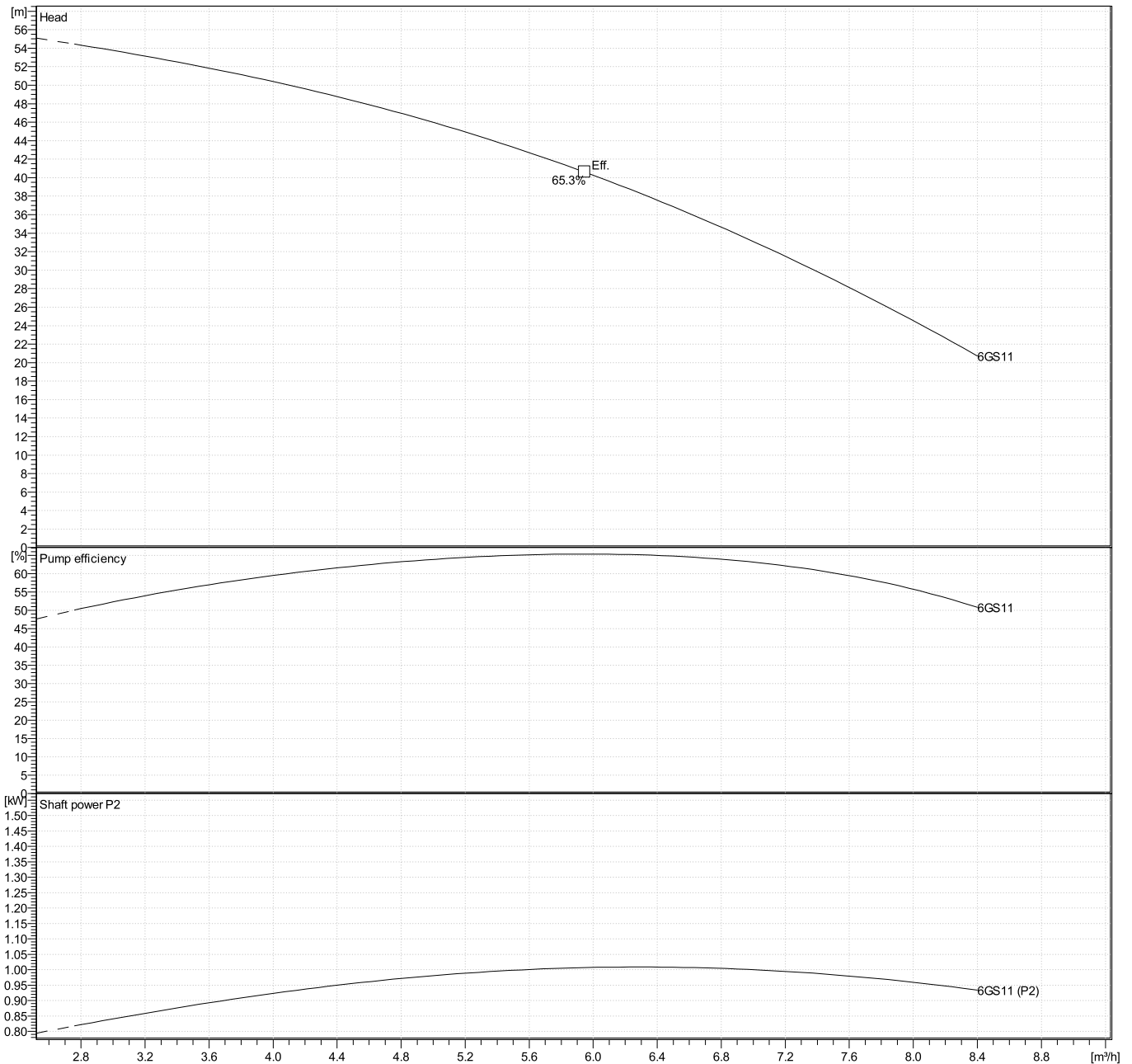
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Operating Data Specification	Hydraulic data (duty point)	Impeller design
Flow 0 m ³ /h Head 0 m Static head 0 m	Flow Head MEI >=0,4	Impeller R 0 mm Frequency 50 Hz Speed 2900 rpm

Power data referred to:

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

Performance according to ISO 9906:2012 – Grade 3B



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Dimensions

mm

DNM	Rp 1 ¼					Suction side	
L	814					/ PN	
						Discharge side	
						/ PN	
						Weight	16kg

