

4GS07M-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	4GS07M-L4C		Impeller Ø		Max.	mm 72
10	Design	Borehole pumps				designed	mm 72
11	Make	Lowara				Min.	mm 72
12	Speed	rpm	2900	Flow		Nominal	m ³ /h ()
13	Number of stages	9				Max-	m ³ /h 5.4
14	Suction nozzle	/ /				Min-	m ³ /h
15	Discharge nozzle	/ /		Head		Nominal	m
16	Max. casing pressure	kPa				at Qmax	m 19.1
17	Max. working pressure	kPa	590.4			at Qmin	m 60.2
18	Impeller type			Shaft power		kW ()	
19	Impeller design			Max. shaft power		kW .7	
20	Head H(Q=0)	m	60	Efficiency		%	
21	Weight	kg	12	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	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					

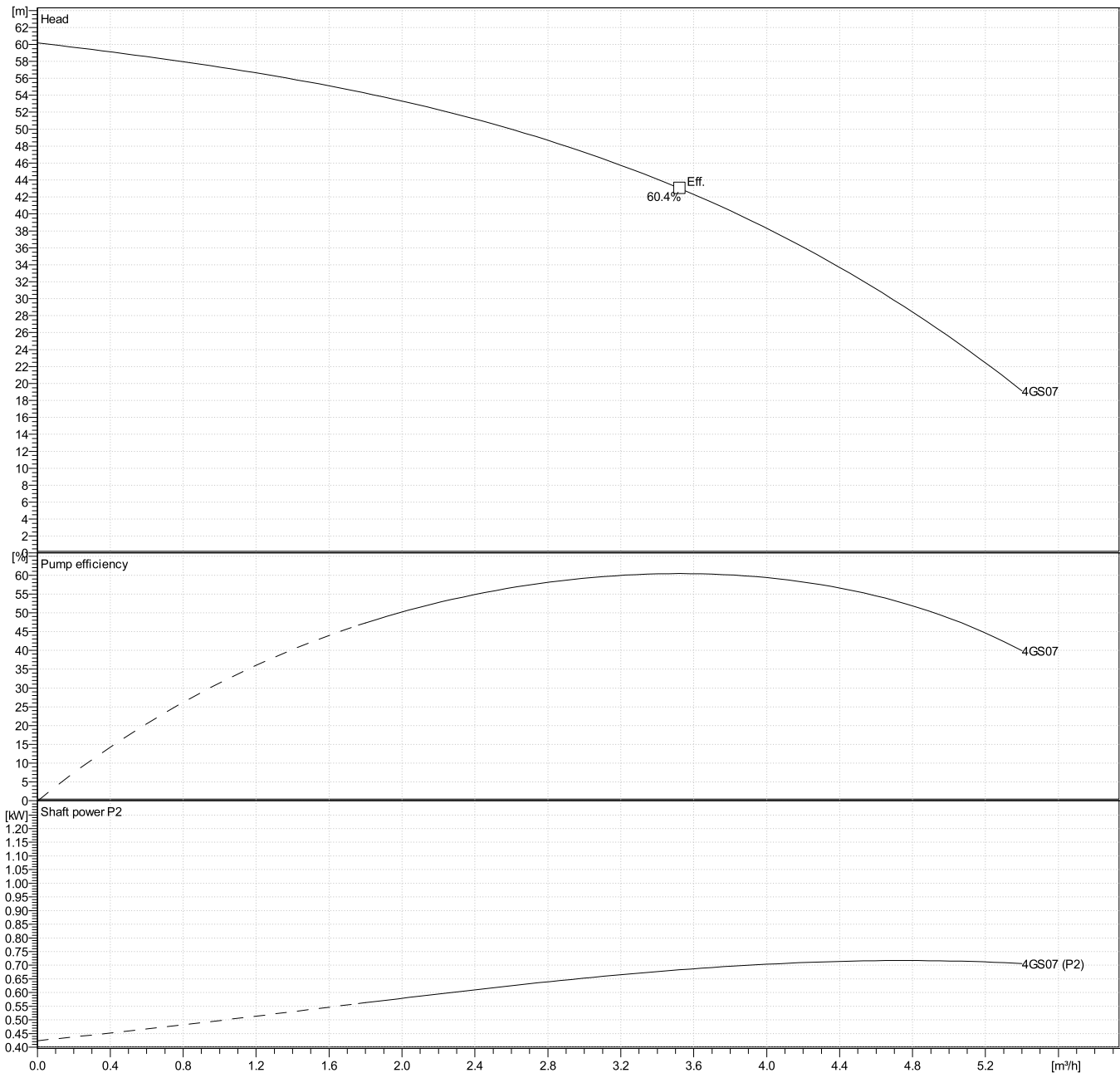
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Operating Data Specification	Hydraulic data (duty point)	Impeller design
Flow Head Static head	0 m ³ /h 0 m 0 m MEI >=0,4	Impeller R Frequency Speed
		72 mm 50 Hz 2900 rpm

Power datas refered 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 636					Suction side / PN	
						Discharge side / PN	
						Weight	11.9kg

