LOWARA
a xylem brand

2GS07M-L4C

Company Contact Phone number Email	Customer Contact Phone number Email	Date 1/7/2021 Item no. Project 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	m³/h 0	pH-value at t A		7
4	Nominal head	m 0	Density at t A	kg/m³	1000
5	Static head	m 0	Kin. viscosity at t A	mm²/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	2GS07M-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	m³/h	( )
13	Number of stages	14		Max-	m³/h	3
14	Suction nozzle	/ /		Min-	m³/h	
15	Discharge nozzle	/ /	Head	Nominal	m	
16	Max. casing pressure	kPa		at Qmax	m	37.6
17	Max. working pressure	kPa 916.4		at Qmin	m	93.4
18	Impeller type		Shaft power		kW	( )
19	Impeller design		Max. shaft power		kW	.7
20	Head H(Q=0)	m 93	Efficiency		%	
21	Weight	kg 13	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 bracket pos9	Technopolymer PPO	Cable guard bracket pos22	Stainless steel / AISI 304
32	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

39	Manufacturer	Lowara	Electric voltage	220 V
40	Specific design	1 phase submersible canned motor (e-GS)		
41	Type	L4C07M235	Electric current	6 A
42	Rated power	0.75 kW	Degree of protection	IP68
43	Speed	2810 rpm	Insulation class	155 (F)
44	Frame size	56		
45	Weight	0 kg		

Cable

Cable type			
Cable cross section	mm²		
Environmental temperature	°C	20	
Cable length		0	

Base plate

46	Name		
47	Weight	kg	

Remarks:

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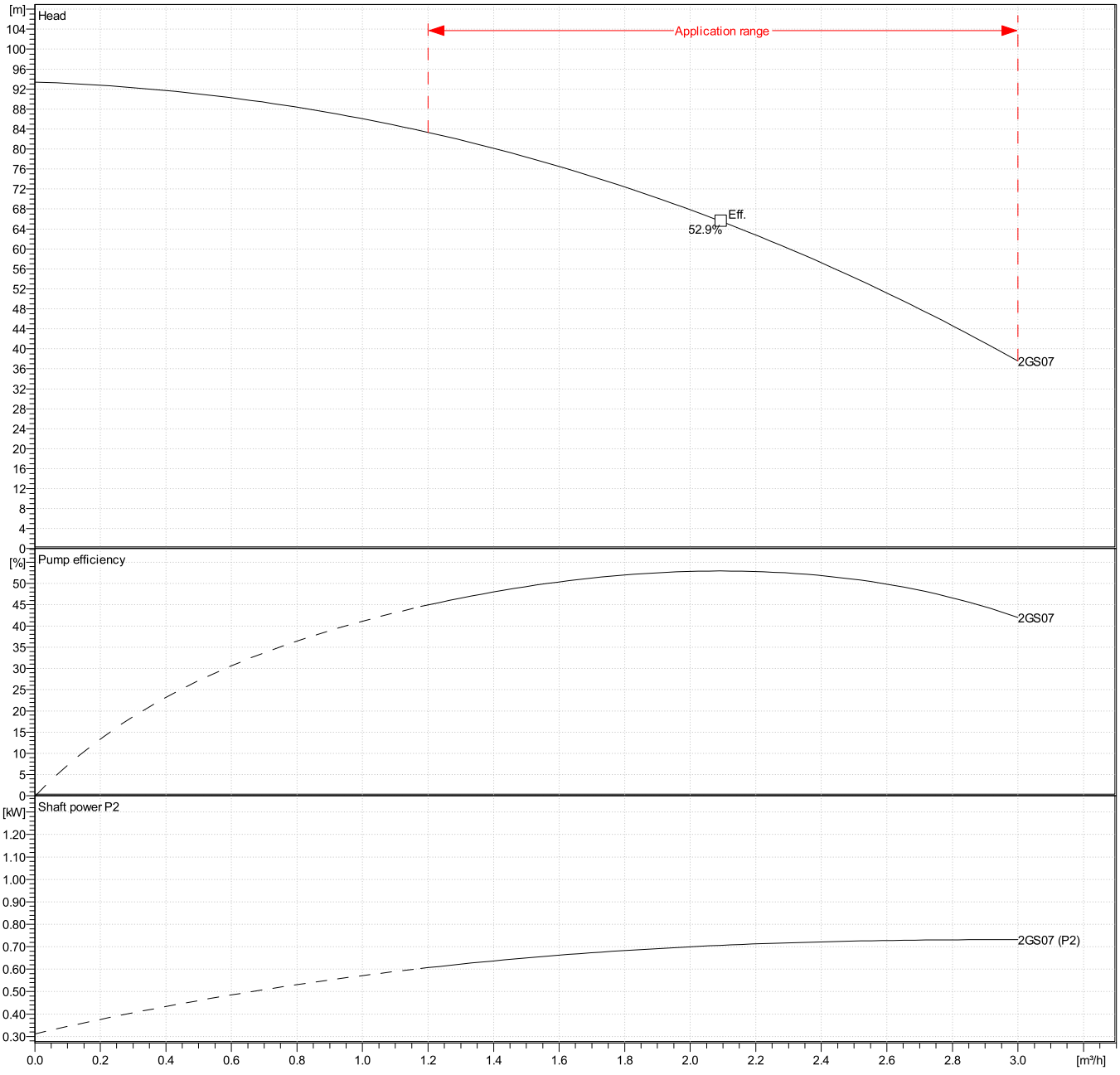
Operating Data Specification Flow 0 m³/h Head 0 m Static head 0 m	**Hydraulic data (duty point)** Flow Head MEI >=0,4	**Impeller design** Impeller R 76 mm Frequency 50 Hz Speed 2900 rpm

Power datas referced 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 686					Suction side / PN Discharge side / PN Weight 12.6kg