

## 4GS11T-L4C

Company	Rolearmais	Customer	Date	8/16/2018
Contact		Contact	Item no.	
Phone number	808 202 816	Phone number	Project	
Email	apoio.cliente@rolearmais.pt	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	l/s 0	pH-v value at t A	7
4	Nominal head	m 0	Density at t A	kg/dm <sup>3</sup> 1
5	Static head	m 0	Kin. viscosity at t A	mm <sup>2</sup> /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	4GS11T-L4C	Impeller Ø	Max.	mm	72
10	Design	Electrical borehole pump		designed	mm	72
11	Make	Lowara		Min.	mm	72
12	Speed	1/min 2900	Flow	Nominal	l/s	( )
13	Number of stages	14		Max-	l/s	1.5
14	Suction nozzle	/ /		Min-	l/s	
15	Discharge nozzle	/ /	Head	Nominal	m	
16	Max. casing pressure	kPa		at Qmax	m	29.8
17	Max. working pressure	kPa 918.5		at Qmin	m	93.6
18	Impeller type		Shaft power	kW	( )	
19	Impeller design		Max. shaft power	kW	1.1	
20	Head H(Q=0)	m 94	Efficiency	%		
21	Weight	kg 13	NPSH 3%	m		

### Materials

22	<b>Pump</b>			
23	Deliv ery Port	Stainless steel	Filter	Stainless steel
24	Valv e cap	Stainless steel	ADAPTER	Stainless steel
25	Valv e support	Stainless steel	COUPLING	Stainless steel
26	Valv e gasket	Nitrile rubber (NBR)	Cable cover screw	Stainless steel
27	Valv e locking ring	Stainless steel	Cable cover	Stainless steel
28	Upper support	Technopoly mer		
29	Bush Bearing	Technopoly mer		
30	Split ring	Stainless steel		
31	DIFFUSER	Technopoly mer		
32	IMPELLER	Technopoly mer		
33	Stage housing	Stainless steel		
34	Shim	Stainless steel		
35	Pump shaft	Stainless steel		
37	Outer sleev e	Stainless steel		
36	SPACER	Stainless steel		
38				

### Motor data

39	Manufacturer	Lowara	Electric voltage	400 V	<b>Cable</b>	
40	Specific design	3 phase submersible canned motor		Cable type		
41	Type	L4C11T405	Electric current	3.4 A	Cable cross section	mm <sup>2</sup>
42	Rated power	1.1 kW	Degree of protection	IP68	Environmental temperature	°C 20
43	Speed	2830 1/min	Insulation class	F	Cable length	0
44	Frame size	4				
45	Weight	8.2 kg				

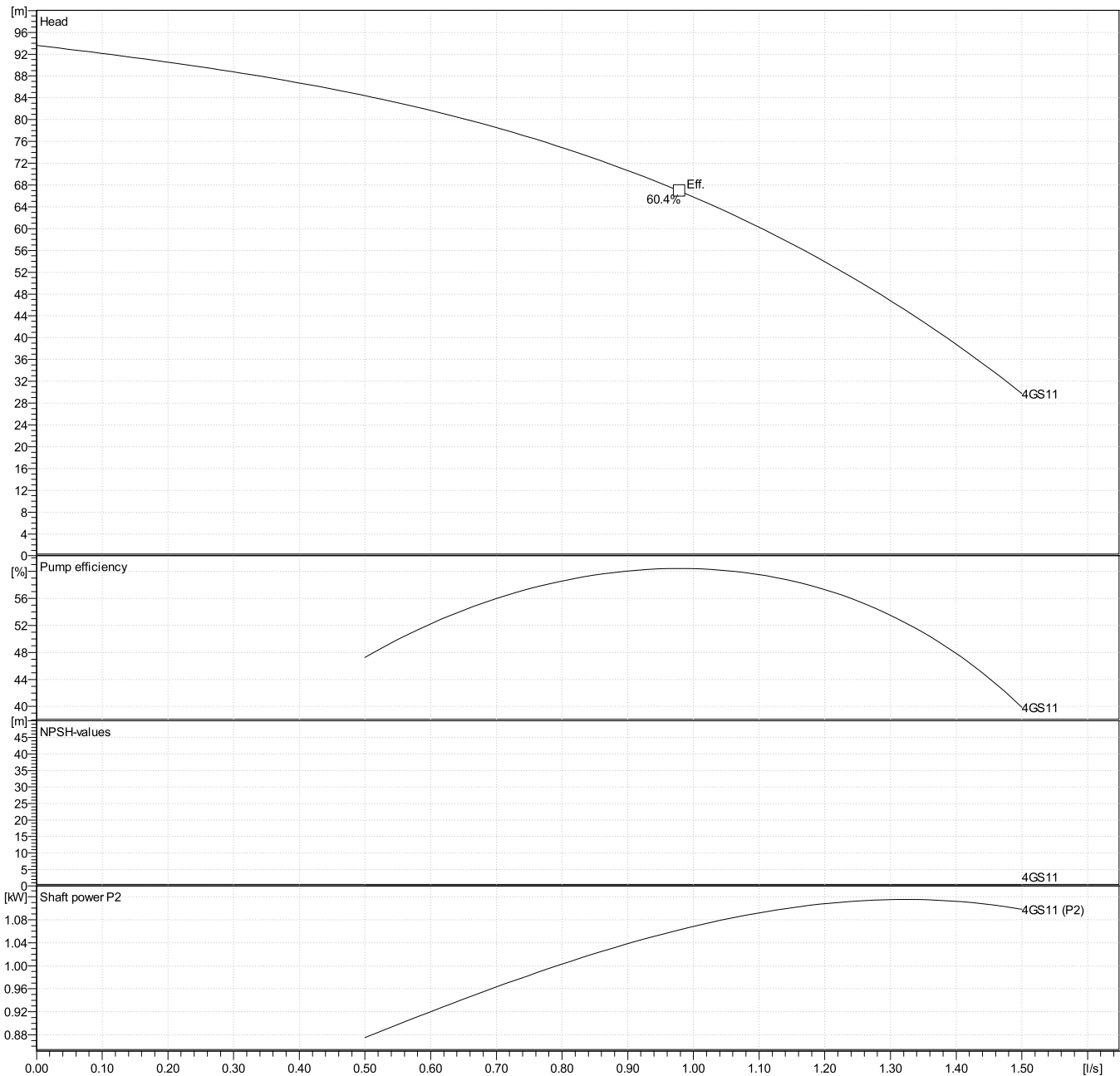
### Base plate

46	Name		<b>Remarks:</b>
47	Weight	kg	

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<b>Operating Data Specification</b>		<b>Hydraulic data (duty point)</b>		<b>Impeller design</b>
Flow	0 l/s	Flow	Impeller R	72 mm
Head	0 m	Head	Frequency	50 Hz
Static head	0 m		Speed	2900 1/min

**Power datas refered to:**  
**Water, pure [100%] ; 4°C; 1kg/dm<sup>3</sup>; 1.57mm<sup>2</sup>/s**  
 Performance according to ISO 9906:2012 – Grade 3B



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Dimensions		mm				
DNM	Rp 1 1/4					Suction side / PN
						Discharge side / PN
						Weight 12.8kg

