

# Technical Data

Pump name RIGHT 100

Customer	Date 04-April-2013	Company
Contact	Item no.	Issued by
Phone	Project	Phone
E-mail	Project ID EBARA Pump Selector - Spaix®	Phone configurator-2015208

## Requested data

1	Pump type	SUBMERSIBLE SEWAGE PUMP	Fluid	Water, clean
2	Number of pumps / Reserve	1 / 0	Liquid temperature °C	20
3	Flow m <sup>3</sup> /h	0	Kin. viscosity mm <sup>2</sup> /s	1
4	Head m	0	Vapour pressure kPa	2.2
5	Static head m	0	PH value	7
6	Inlet pressure kPa	10	Density kg/m <sup>3</sup>	1000
7	Available system NPSH	0	Solids Weight %	0
8	Environmental temperature °C	20	Altitude kPa	0

## Pump

9	Pump name	RIGHT 100	Frequency Hz	50
10	Design	SUBMERSIBLE SEWAGE PUMP	Impeller type	
11	Manufacturer	EPE	Impeller Dia.	Max. mm 100
12	Speed rpm	2900		Designed mm 100
13	No. of Stage	1		Min. mm 100
14	Connection Suction side		Flow	Operating m <sup>3</sup> /h
15	Connection Discharge side			Max- m <sup>3</sup> /h 18
16	Max Working Pressure kPa	102.0		Min- m <sup>3</sup> /h 2.4
17	Head H(Q=0) m	10.4	Head	Operating m
18	Total weight kg	0		- (Qmax.) m 2.1
19	Shaft power kW			- (Qmin.) m 9.6
20	Self-Priming	<input type="checkbox"/> Yes	Max. Shaft Power at max. impeller kW	0.00
21	NPSH 3% m		Efficiency %	

## Materials

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## Motor

28	Manufacturer	EPE Standard	Insulation class	F
29	Type	RIGHT 100_Motor_400	Phases	3~
30	Specific design	Submersible dry type / 50 Hz / Pole pairs	Frame size	
31	Rated power kW	0.75	Weight; motor kg	0
32	Number of poles	2	Electric voltage V	400
33	Speed rpm	3000	Electric current A	0
34	Degree of protection	IP 68		
35				

## Remarks

# Performance curve

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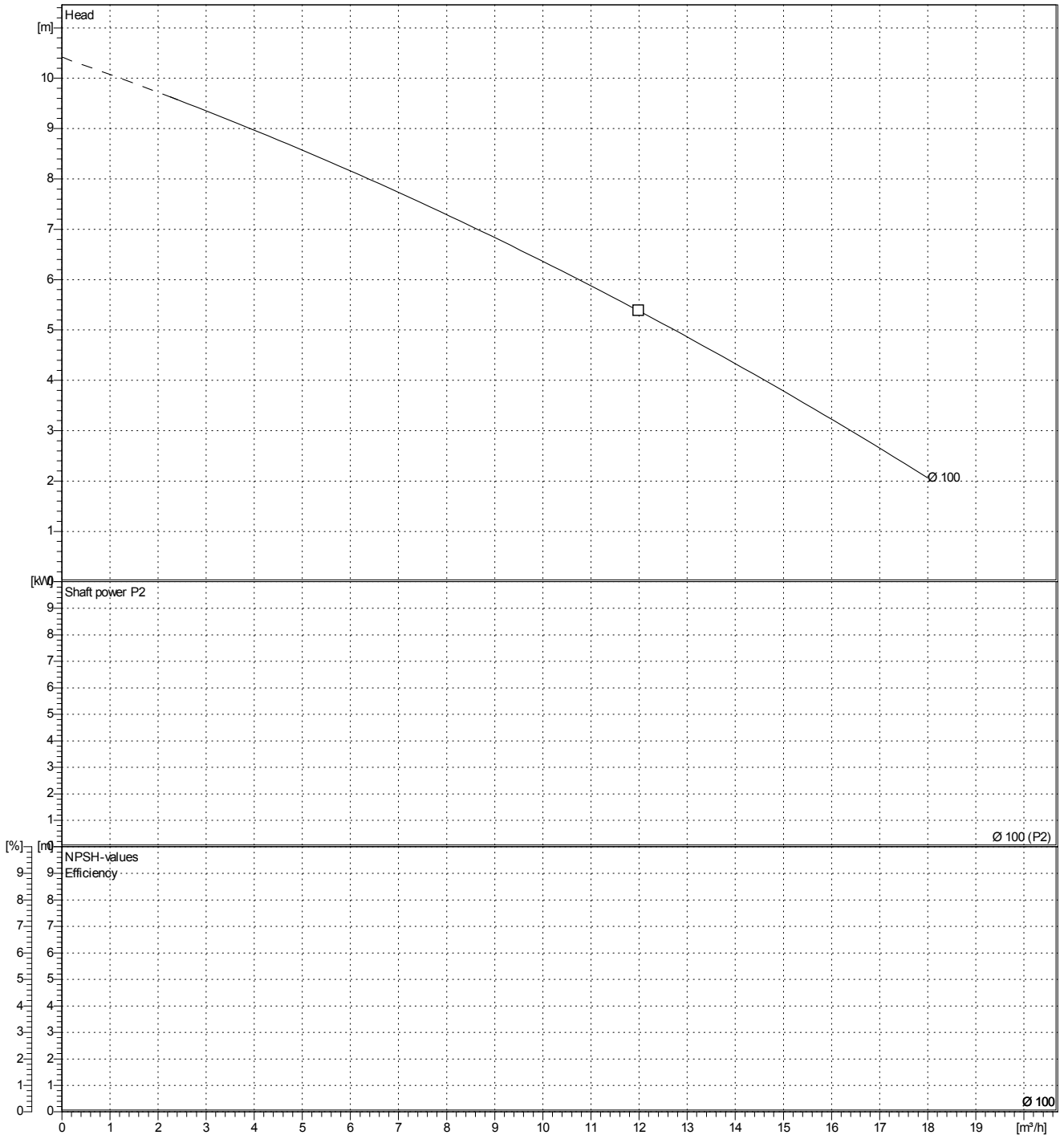
### Requested data

1	Flow	m³/h	0
2	Head	m	0
3	Static head	m	0

### Pump

Operating Flow	m³/h	Impeller Dia. Designed	mm	100
Operating Head	m	Frequency	Hz	50
		Speed	rpm	

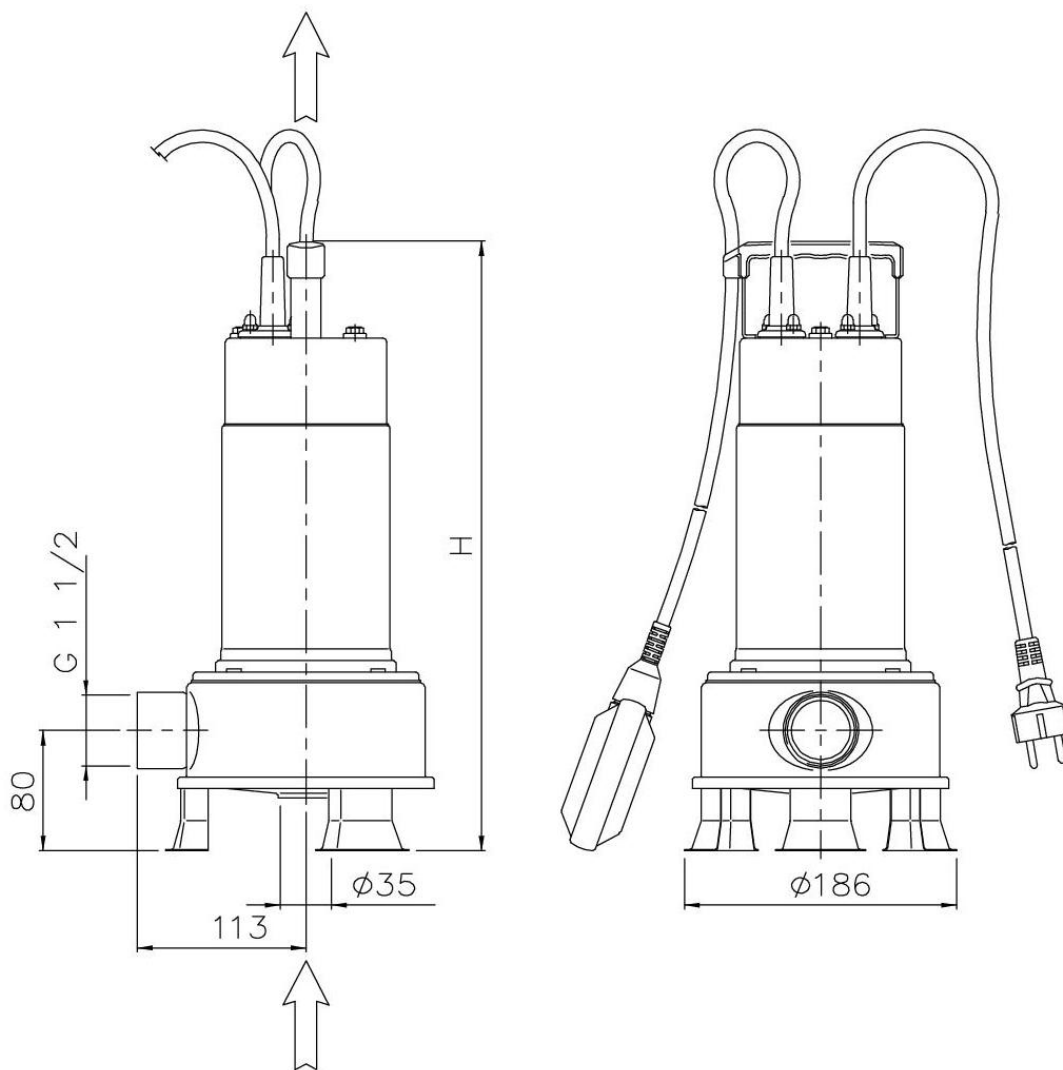
Test standard: ISO 9906-Annex A Water, clean [100%] ; 20°C; 998.3kg/m³; 0mm²/s



# Dimensions

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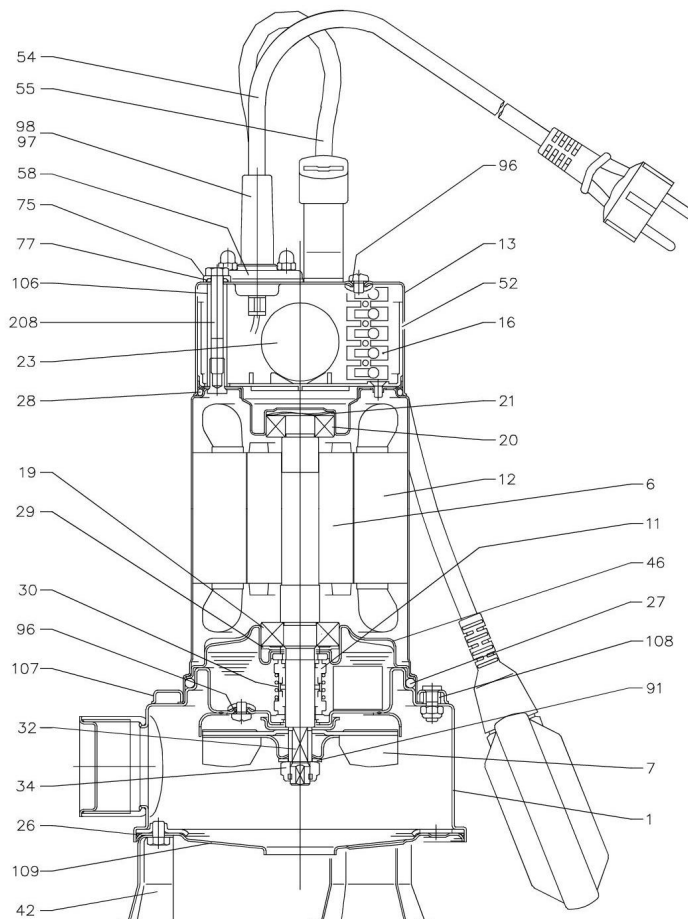


Dimensions in		mm						
1	H	430						
2	Weight kg	11.5						

# Construction

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E-mail	Project ID EBARA Pump Selector - Spaix®	Phone number 24-Configurator-2015208



N°	PART NAME	MATERIAL	Q.TY	N°	PART NAME	MATERIAL	Q.TY
1	Casing	AISI 304	1	42	Foot	AISI 304	3
6	Shaft with rotor	AISI 303	1	46	Lower bearing bracket	AISI 304	1
7	Impeller	AISI 304	1	52	Capacitor box	PA66 glass fibre reinforced	1
11	Mechanical seal	Ceramic/Carbon/NBR	1	54	Submersible power cable	-	1
12	Motor frame with stator	-	1	55	Float switch [1]	-	1
13	Cover	AISI 304	1	58	Cable gland	AISI 304	1
16	Terminal	-	1	75	Washer	AISI 303	1
19	Lower ball bearing	-	1	77	"O" Ring	NBR	1
20	Upper ball bearing	-	1	91	Washer	AISI 304	1
21	Adjusting washer	AISI 304	1	96	"O" Ring	NBR	1
23	Capacitor [2]	-	1	97	Cable connector	NBR	1
26	"O" Ring	NBR	1	98	Cable connector [1]	NBR	1
27	"O" Ring	NBR	1	106	Spacer	AISI 304	1
28	"O" Ring	NBR	1	107	Stopper ring	AISI 304	1
29	Washer	AISI 304	1	108	Gasket	NBR	1
30	Mechanical seal spacer	Brass	1	109	Suction cover	AISI 304	1
32	Key	AISI 304	1	208	Screw	AISI 304	1
34	Nut	AISI 303	1	-	-	-	-

[1] Only for single phase version with float switch

[2] Only for single phase version