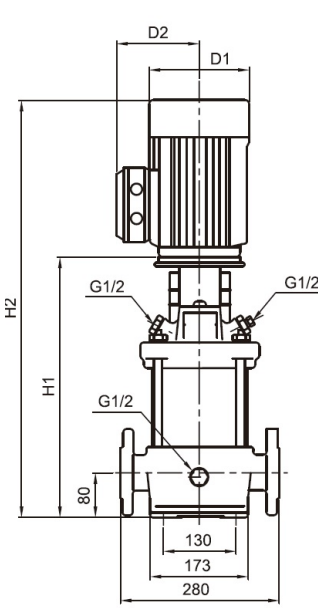
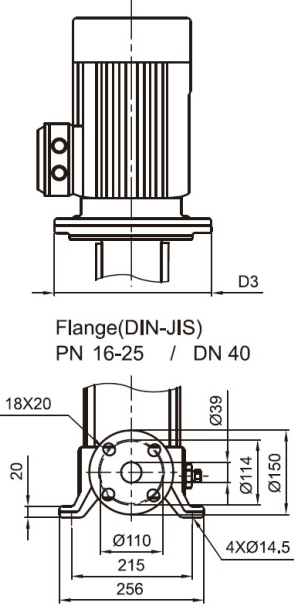


		Technische Daten SB 10 - 9				Revision number		Page: 1	
		Receiver				From			
Company name Department Issued by Phone number Fax no. e-mail address						EUROPUMP			
Operating data specification									
1	Fluid	Wastewater without faeces				Flow	m³/h	10	
2	Solids	Type				Head	m	60	
3		Weight %	0			Static head	m	0	
4	pH-Wert bei t A		7		NPSH - Wert der Anlage		m		
5	Operating temperature t A		°C 20		Vordruck		bar	0,097923	
6	Density at t A		kg/dm³ 0,99819		Altitude		m	1000	
7	Kin. viscosity at t A		mm²/s 1,0004						
8	Vapour pressure at t A		bar 0,022045						
9									
10	Pumpe								
11	Manufacturer	EUROPUMP				Impeller type	Radial impeller		
12	Pumpenbezeichnung	SB 10 - 9				Impeller construction	Closed		
13	Size	10				Impeller Ø	Max.	mm	0
14	Design						designed	mm	0
15	Selbstsaugend	☐ Yes					Min.	mm	0
16	Speed	1/min		2900		Flow	Nominal	m³/h	10
17	Max. working pressure	bar		8,92			Max-	m³/h	13
18	Max. diff. pressure	bar		8,83			Min-	m³/h	5
19	Stufenzahl	9				Head	Nominal	m	66,6
20	No. diffusers	9					Max-	m	48,1
21							Min-	m	88,3
22	Saugstutzen	Pressure rating				Nullförderhöhe		m	90,1
23		Nominal width				NPSH 3%		m	2,51
24	Discharge port	Pressure rating				Wellenleistung		kW	2,76
25		Nominal width				Max. shaft power at max. impeller		kW	6,89
26		Norm				Wirkungsgrad		%	69,5
27									
28	Materials								
29	Pumpe				Wellendichtung				
30	Pump head	(Cast iron / EN-GJL-250 (ASTM 35B))				Material code			
31	Impeller	SS304 / 1.4301 (AISI 304)							
32	Shaft	SS431 / 1.4057 (AISI 431)				Catridge Seal	Silicon carbide / Carbon		
33	Seal	Mechanical seal (Catridge type)							
34									
35									
37									
36									
38									
39									
40									
41									
42									
43									
44									
45									
46									
47									
48	Motor				Coupling				
49	Manufacturer / Type	EUROPUMP 100 L 2 -				Manufacturer / Type			
50	Specific design	3 PH DM STD				Series			
51	Rated power kW	3	Speed	1/min		Spacer length	mm		
52	Electric voltage V	400	Electric current	A	0	Frame size			
53	Degree of protection	IP 55	Frame size	100 L					
54	Type of protection	--	Explosion protection	--					
Remarks:									
Project		Project ID			Created by		Created on	Last update	
							2025-02-05		

	Types of installation SB 10 - 9		Revision number 	Page: 3
	Receiver		From	
Company name Department Issued by Phone number Fax no. e-mail address			EUROPUMP 	

Pumpset - SB

Flange(DIN-JIS)
 PN 16-25 / DN 40

Pump type	Motor P ₂ [kW]	SB					Net weight [kg]
		Dimension[mm]					
		DIN flange		D1	D2	D3	
		H1	H2				
SB 10-1	0.37	343	538	141	115	—	35.9
SB 10-2	0.75	347	582	141	115	—	38.2
SB 10-3	1.1	377	612	141	115	—	40.3
SB 10-4	1.5	423	714	177	141	—	50.1
SB 10-5	2.2	453	744	177	141	—	53.9
SB 10-6	2.2	483	774	177	141	—	55.0
SB 10-7	3	518	834	197	147	—	63.8
SB 10-8	3	548	864	197	147	—	64.9
SB 10-9	3	578	894	197	147	—	65.9
SB 10-10	4	608	934	220	161	—	70.3
SB 10-12	4	668	994	220	161	—	72.4
SB 10-14	5.5	760	1122	235	197	300	104.1
SB 10-16	5.5	820	1182	235	197	300	106.2
SB 10-18	7.5	880	1278	235	197	300	113.6
SB 10-20	7.5	940	1338	235	197	300	116.7
SB 10-22	7.5	1000	1398	235	197	300	118.8

Project	Project ID	Created by	Created on 2025-02-05	Last update
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