

Technical Data

Pump Name

GS2 125-315-309/B/200

Customer	Date	2024-06-14	Company
Contact	Item no.		Issued by
Phone	Project		Phone
E-mail	Project ID	Proiect redenumit 2024-06-14 18:50:3	E-mail

Requested data

1	Pump type	End Suction Volute Pump	Fluid	Water
2	Number of pumps / Reserve	1 / 0	Liquid temperature	°C 20
3	Flow m³/h		Kin. viscosity	mm²/s 1.005
4	Head m		Vapour pressure	bar 0.0234
5	Geodetic head m		PH value	
6	Inlet pressure (pin) bar	0	Density	kg/m³ 998.3
7	Available system NPSH		Solids Weight %	0
8	Ambient temperature °C	20		

Pump

9	Pump Name	GS2 125-315-309/B/200	Frequency	Hz 50
10	Design	End Suction Volute Pump	Installation type	with fabricated base, motor
11	Manufacturer	EBARA	Impeller Diameter	Max. mm 309
12	Speed rpm	2900		Designed mm 309
13	No. of Stage	1		Min. mm 259
14	Connection Suction side	EN PN16	Flow	Operating m³/h
15	Connection Discharge side	EN PN16		Max- m³/h 681
16	Max Working Pressure bar	16		Min- m³/h 79.4
17	Shut-off head bar	12.40	Head	Operating m
18	Total weight kg	See the table of "Dimensions".		- (Qmax.) m 84.2
19	Shaft power kW			- (Qmin.) m 126.2
20			Max. Shaft Power at max. impeller	kW 196.08
21	Required pump NPSH m		Efficiency	%

Materials

22	Casing	Cast iron		
23	Impeller	Cast iron		
24	Shaft	Cr. Steel		
25	Case wear ring	Bronze		
26	O-ring	EPDM		
27	Mechanical seal	SiC/Carbon/EPDM		

Motor

28	Manufacturer	TECHTOP	Insulation class	F
29	Type	315L2_200_3_400	Phases	3~
30	Specific design	TEFC/B3/IE3/TC / 50 Hz / Pole pairs 1	Frame size	315L2_2P
31	Rated power kW	200	Weight kg	1366
32	Number of poles	2	Electric voltage V	400
33	Speed rpm	2945	Electric current A	339
34	Degree of protection	IP55		
35				

Remarks

Performance Curve

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Requested data

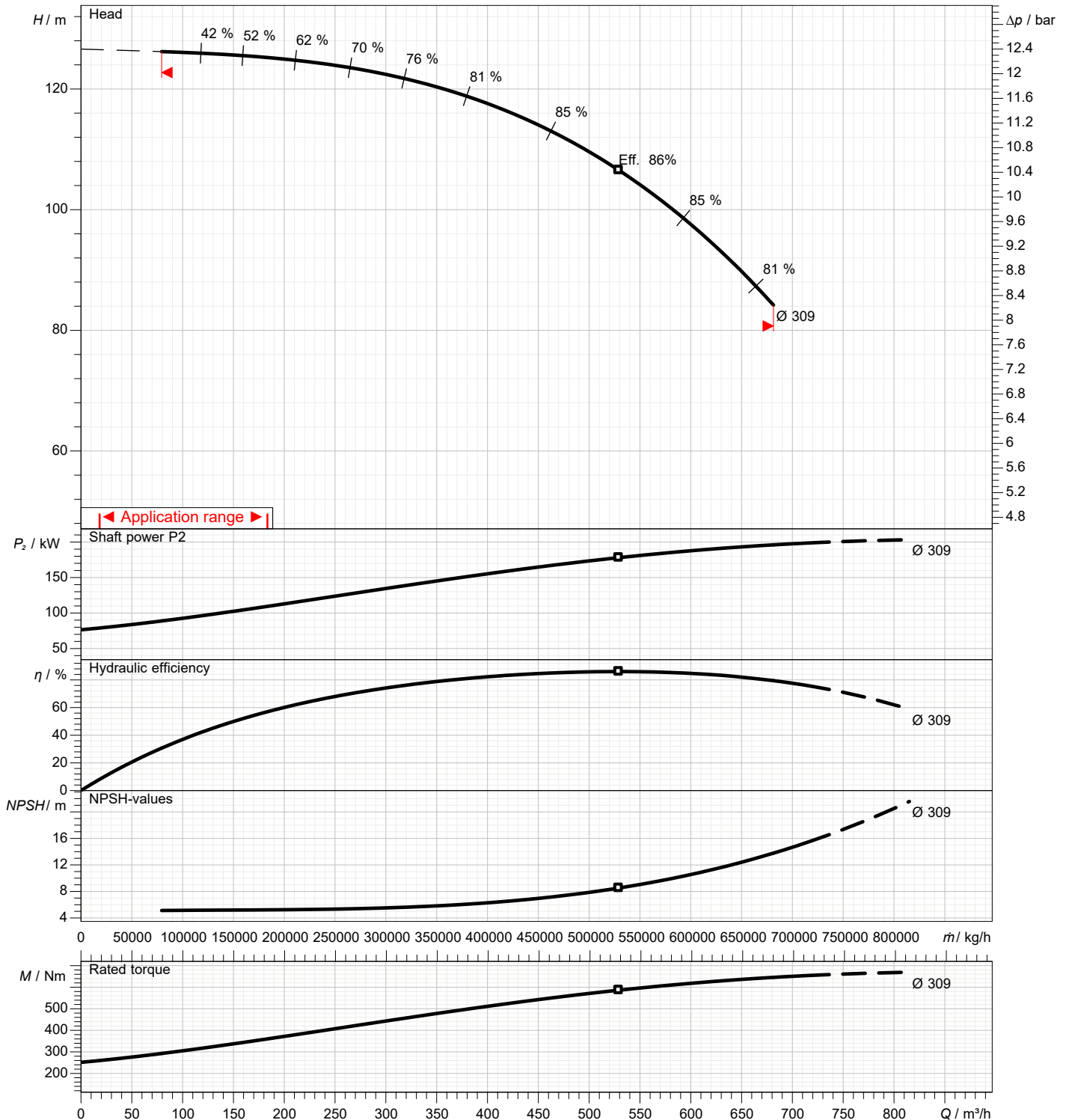
1	Flow	m³/h	
2	Head	m	
3	Geodetic head	m	

Pump

Operating flow	m³/h		Frequency	Hz	50
Operating head	m		Number of poles		2
Impeller diameter designed	mm	309	Speed	rpm	2900

Test standard: ISO 9906:2012 - Grade3B

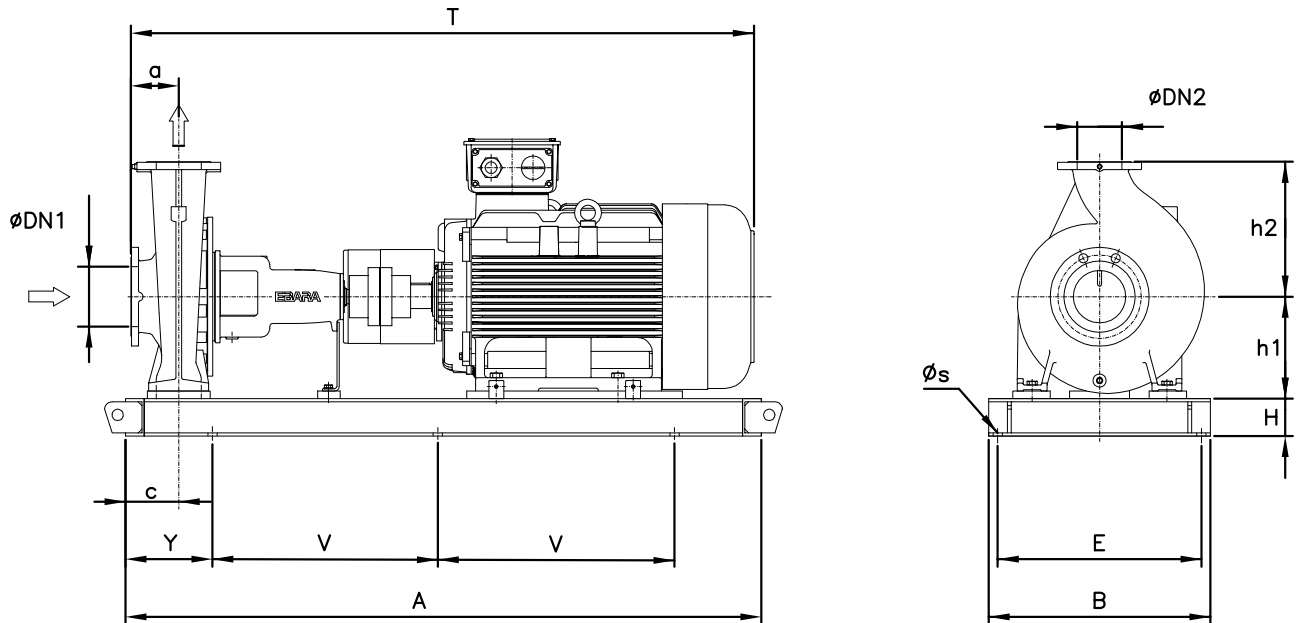
Water; 20°C; 998.3kg/m³; 1mm²/s



Dimensions

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Total weight : 1537 kg

Pump dimensions		mm	Suction side	mm	Discharge side	mm
a	140		A	285	A	250
A	2260		d	23	d	19
B	820		D1	240	D1	210
c	245		D2	211	D2	184
DN1	150		dn	150	dn	125
DN2	125		N	8(Num)	N	8(Num)
E	770		t	2	t	2
H	160		T	26	T	26
h1	280					
h2	355					
s	20					
T	1947					
V	900					
Y	230					

Construction

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E-mail	Project ID Project redenumit 2024-06-14 18:50:31	E-mail