

Technical Data

Pump Name

GS2 32-200.1-207/B/7.5

Customer	Date	2024-06-14	Company
Contact	Item no.		Issued by
Phone	Project		Phone
E-mail	Project ID	Proiect redenumit 2024-06-14 18:50:31	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 32-200.1-207/B/7.5	Frequency Hz	50
10	Design	End Suction Volute Pump	Installation type	with base, motor
11	Manufacturer	EBARA	Impeller Diameter	Max. mm 207
12	Speed rpm	2900		Designed mm 207
13	No. of Stage	1		Min. mm 172
14	Connection Suction side	EN PN16	Flow	Operating m³/h
15	Connection Discharge side	EN PN16		Max- m³/h 39
16	Max Working Pressure bar	16		Min- m³/h 4.08
17	Shut-off head bar	5.32	Head	Operating m
18	Total weight kg	See the table of "Dimensions".		- (Qmax.) m 24.7
19	Shaft power kW			- (Qmin.) m 54.4
20			Max. Shaft Power at max. impeller kW	5.92
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	WEG	Insulation class	F
29	Type	132S_7.5_3_400	Phases	3~
30	Specific design	TEFC/B3/IE3/W22 / 50 Hz / Pole pairs 1	Frame size	132S
31	Rated power kW	7.5	Weight kg	65
32	Number of poles	2	Electric voltage V	400
33	Speed rpm	2930	Electric current A	14.1
34	Degree of protection	IP55		
35				

Remarks

Performance Curve

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Requested data

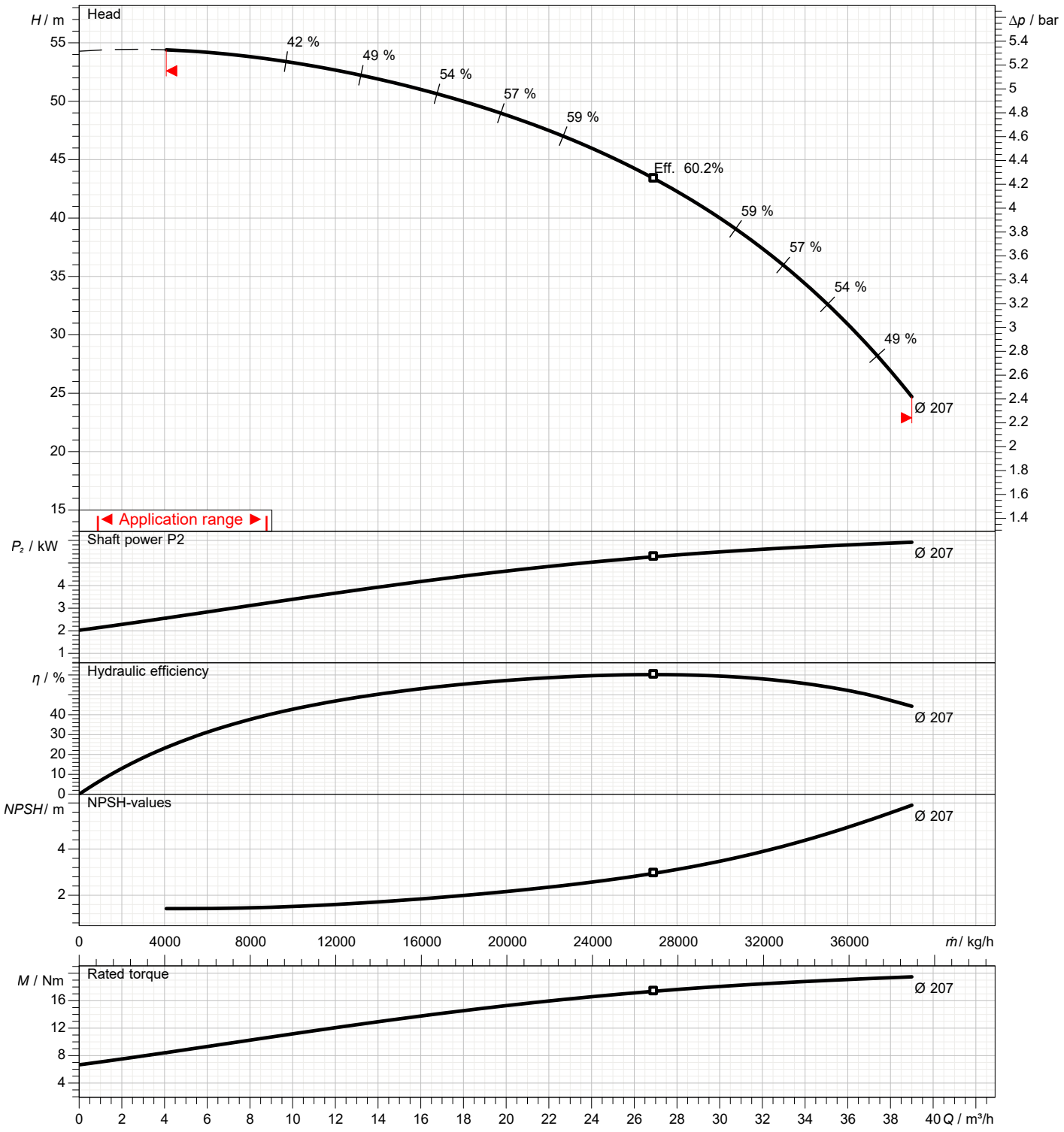
1	Flow	m³/h	
2	Head	m	
3	Geodetic head	m	

Pump

Operating flow	m³/h		Frequency	Hz	50
Operating head	m		Number of poles		2
Impeller diameter designed	mm	207	Speed	rpm	2900

Test standard: ISO 9906:2012 - Grade3B

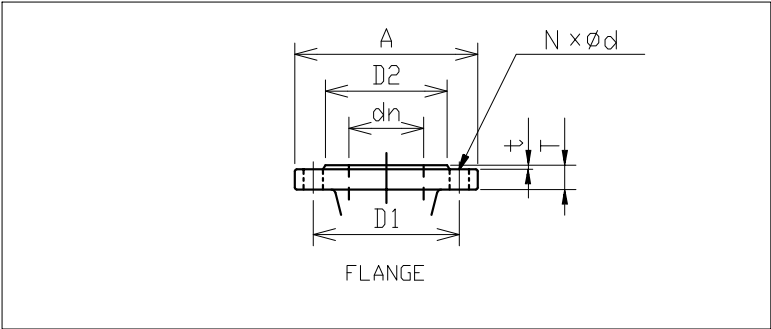
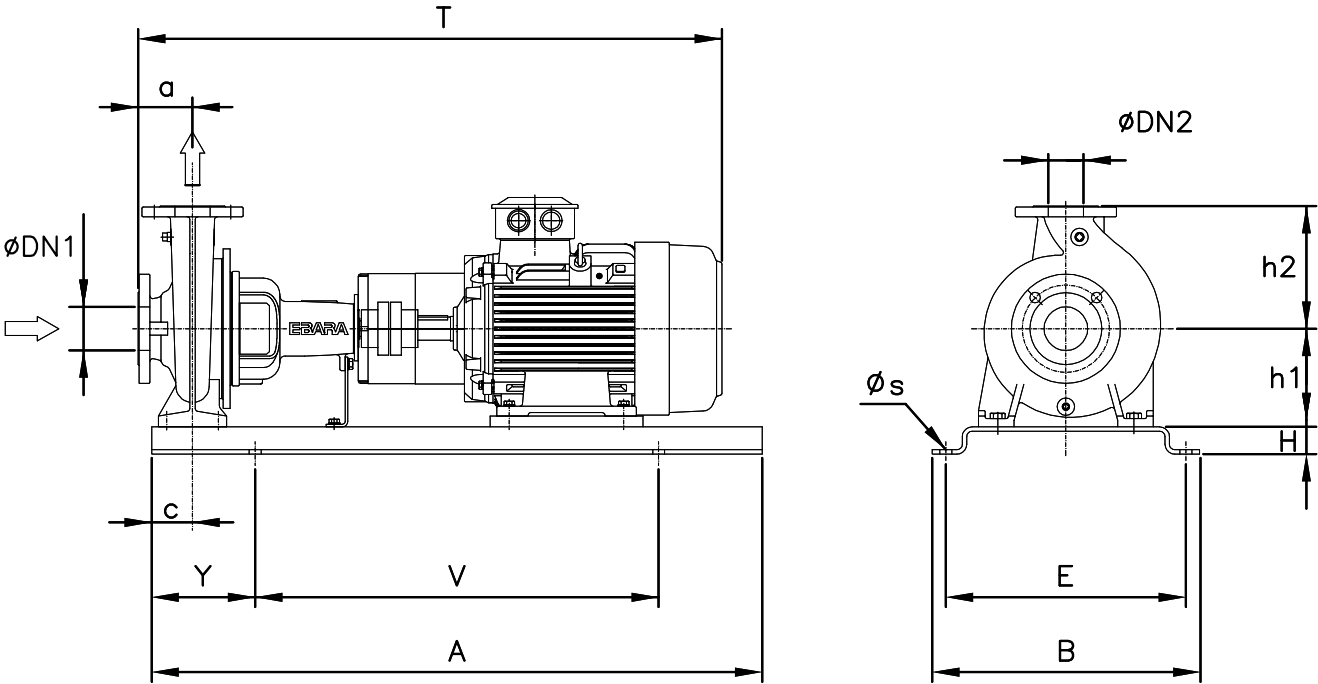
Water; 20°C; 998.3kg/m³; 1mm²/s



Dimensions

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Total weight : 138 kg

Pump dimensions				mm		Suction side		mm		Discharge side		mm	
a	80					A	165			A	140		
A	900					d	19			d	19		
B	490					D1	125			D1	100		
c	80					D2	99			D2	76		
DN1	50					dn	50			dn	32		
DN2	32					N	4(Num)			N	4(Num)		
E	440					t	2			t	2		
H	50					T	20			T	18		
h1	160												
h2	180												
s	18												
T	895												
V	600												
Y	150												

Construction

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