C.R.I. PUMPS
Pumping trust. Worldwide.

Technical Data

Pump Model
S8S-95/10

Project Name	: Untitled project 2025-03-21 14:25:11.477	**Project ID** :	
Company Name	:		
Department	:		
Phone number	:		
e-mail address	:		

Requested Data

Flow	: 87.92 m³/h	**Fluid**	: Water
Head	: 132.4 m	**Density**	: 0.9983 kg/dm³
		Viscosity	: 1.005 mm²/s
		Temperature	: 20 °C
		pH-value at t A	:
		Vapour pressure at t A	: 0.0234 bar

Pump

Pump Model	: S8S-95/10	**Minimum Continuous Flow**		: 40 m³/h
No. of Stages	: 10	**Flow**	**Nominal**	: 87.81 m³/h
Outlet Size	: 125		**Max-**	: 126.1 m³/h
Speed	: 2900 1/min		**Min-**	: 40 m³/h
Direction of Rotation	: Counter clockwise	**Head**	**Nominal**	: 131.2 m
Impeller type	: Mixed Flow impeller		**Max-**	: 182.2 m
Impeller Design	: Closed		**Min-**	: 51.24 m
pump weight(Approx)	: 56.79 kg	**Efficiency**	**Overall Efficiency**	: 67.55 %
Pump Standard	:		**Pump Efficiency**	: 78.38 %

Motor

Motor Model	: W8B-550TN	**Motor Standard**	:
Frequency	: 50 Hz	**Insulation Class**	: Y
Phase	: 3~	**Degree of Protection**	: IP 68
Rated Voltage	: 525 V	**Method of Starting**	: Direct starting
Rated current	: 92 A	**Service factor**	: 1
Rated Power P2	: 55 kW	**Power factor**	: 0.83
Speed	: 2900 1/min	**No.of.starts per hour**	: 15
Efficiency	: 85 %	**Starting current**	:
Motor Weight (Approx)	: 180 kg	**Starting torque**	:

Material of Construction

Pump		Motor	
Check Valve Housing	S.S 304	**Shaft Seal Housing**	Cast Iron
Check Valve Disc	S.S 304	**Shaft Seal / Mechanical Seal**	Nitrile Rubber / Ceramic - Carbon , Si(
Check Valve Seat	Nitrile Butyle Rubber	**Upper & Lower Housings**	Cast Iron
Diffuser Chamber	S.S 304	**Stator Shell**	SS 304
Impeller	S.S 304	**Thrust Pad**	Carbon Graphite
Split Cone with Nut	S.S 304	**Thrust Bearing**	SS 420
Impeller Wearing / Seal Ring	Nitrile Butyle Rubber	**Diaphragm**	High Nitrile Rubber
Upthrust Washer / Stop Ring	S.S 420	**Motor Base**	Cast Iron
Intermediate Bearing	Nitrile Butyle Rubber	**Shaft**	EN-8
Suction Interconnector	S.S 304	**Shaft Extension**	S.S 410
Inlet Screen	S.S 304	**Sleeves**	SS 431
Pump Shaft	S.S 431		
Coupling Splines	S.S 329		
Locking Strap	S.S 304		
Cable Guard	S.S 304		

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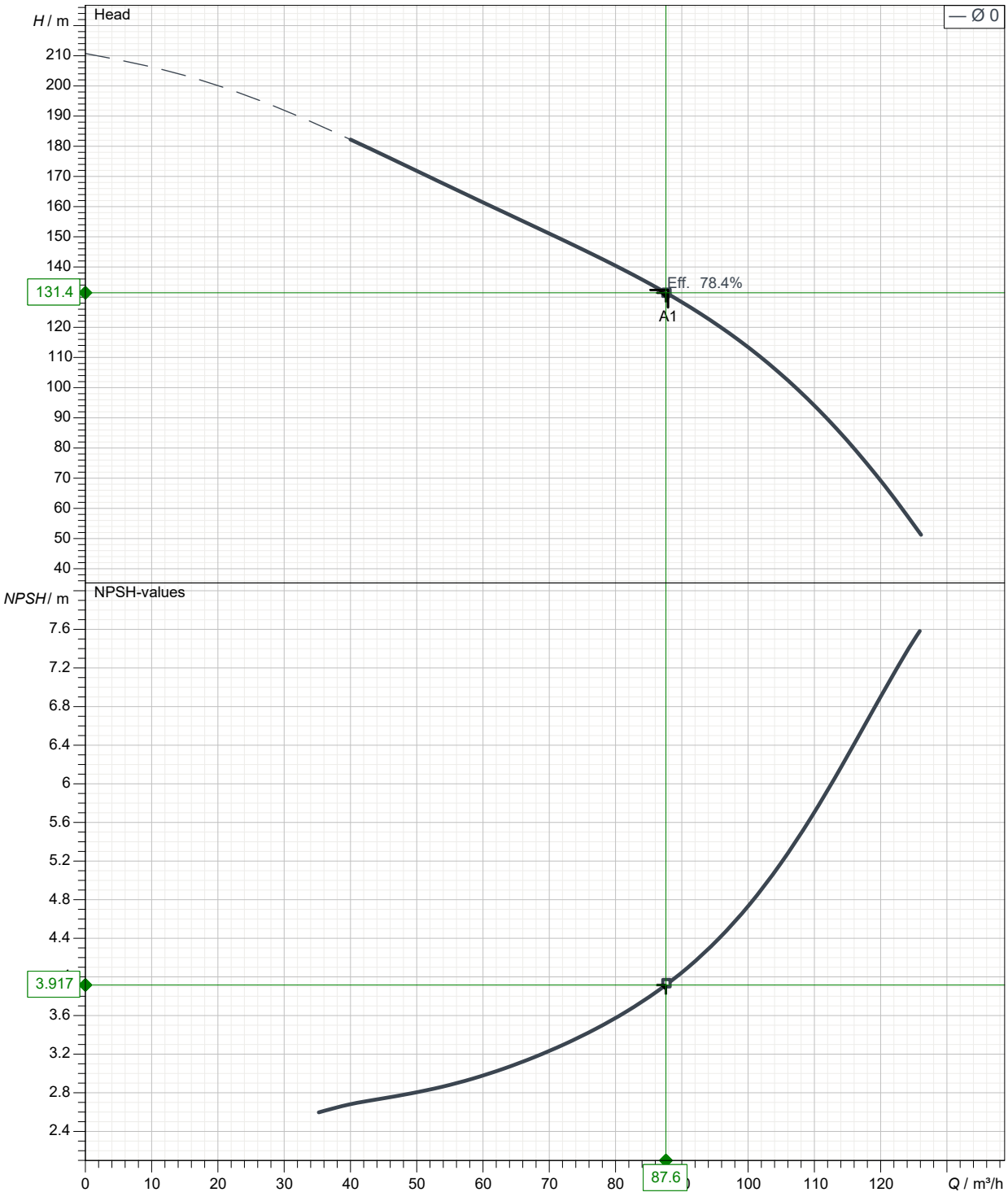
Performance Curve

Pump Model
S8S-95/10

Project Name : Untitled project 2025-03-21 14:25:11.477	**Project ID :**
Company Name : **Department** : **Phone number** : **e-mail address** :	

Curve Tolerance ISO : 9906, Grade-3B

Speed 2900 rpm



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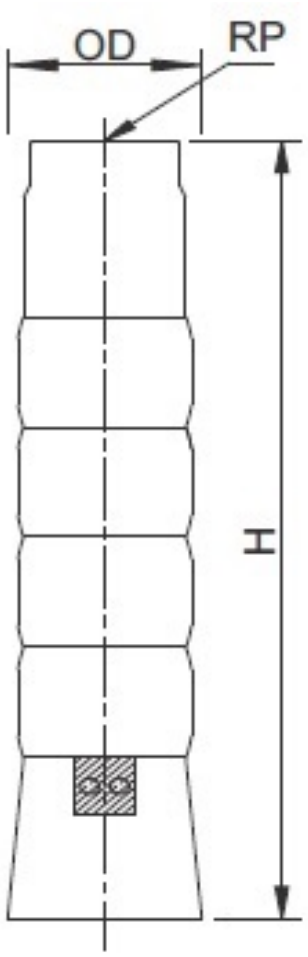
Dimensional Drawing

Pump Model
S8S-95/10

Project Name	: Untitled project 2025-03-21 14:25:11.477	**Project ID :**	
Company Name	:		
Department	:		
Phone number	:		
e-mail address	:		



In View of continuous developments, The information/specifications/Description/ Illustrations are subject to change without notice.

Dimensions in mm

H	1706		
OD-DOL	193		
OD-SD	195		
RP	125		

C.R.I. PUMPS
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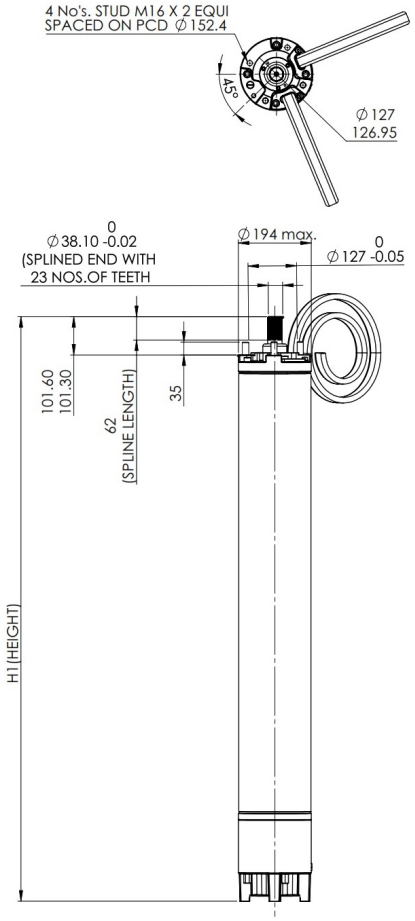
Dimensional Drawing

Motor Model
W8B-550TN

Project Name	: Untitled project 2025-03-21 14:25:11.477	**Project ID :**	
Company Name	:		
Department	:		
Phone number	:		
e-mail address	:		



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Dimensions in mm

H1	1275		

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Performance Curve

Motor Model
W8B-550TN

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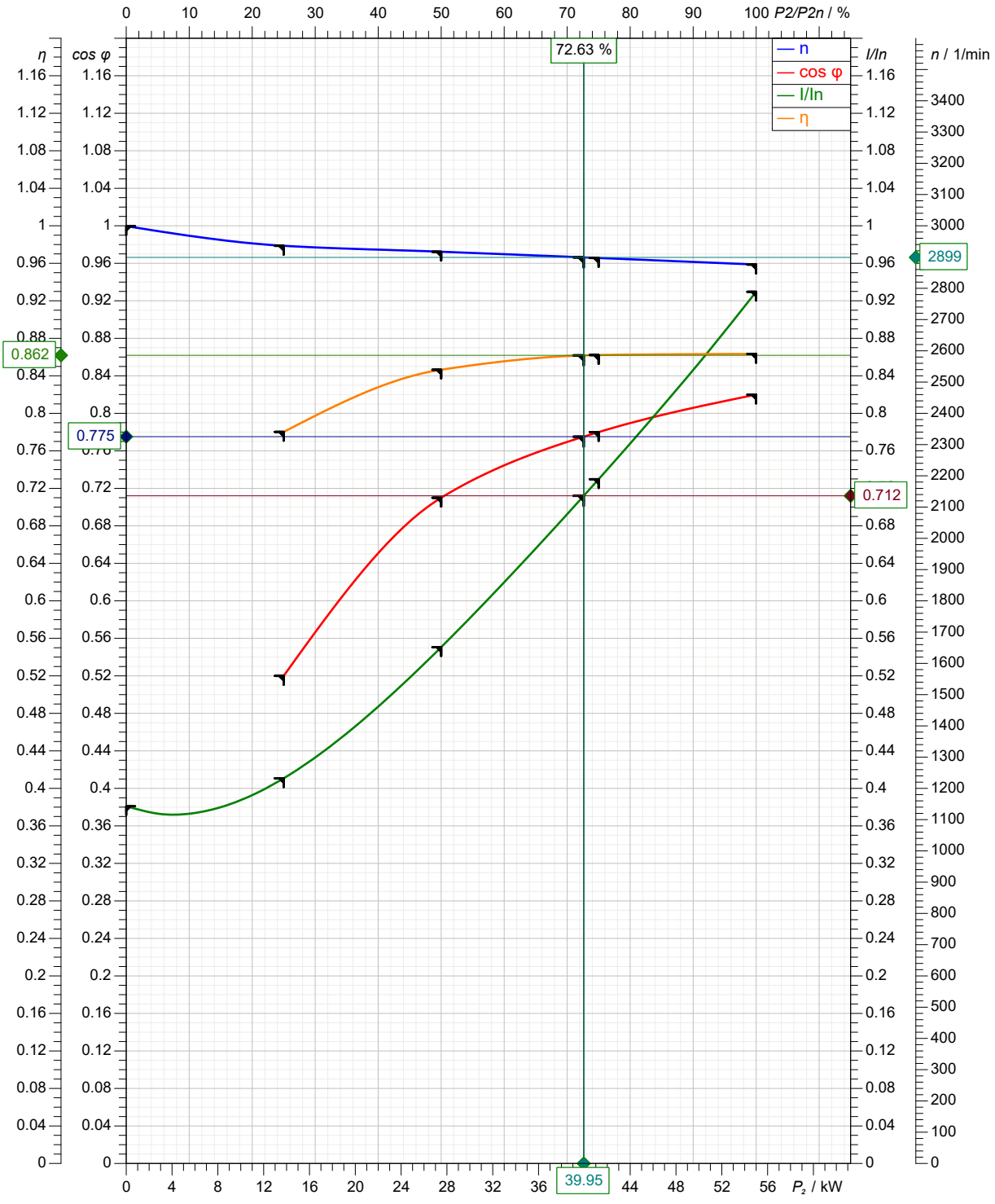
Company Name : **Department** : **Phone number** : **e-mail address** :	

Curve Tolerance ISO : 9906, Grade-3B