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

Technical Data

Pump Model
CTC-65/125

Project Name	: Untitled project 2025-10-29 17:23:47.125	**Project ID** :	
Company Name	:		
Department	:		
Phone number	:		
e-mail address	:		

Requested Data

Flow	: 105.3 m³/h	**Fluid**	: Water
Head	: 20.46 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	: CTC-65/125	**Minimum Continuous Flow**		: 35 m³/h
No. of Stages	: 1	**Flow**	**Nominal**	: 105.2 m³/h
Inlet / Outlet size	: 80 x 65		**Max-**	: 120.2 m³/h
Speed	: 2900 1/min		**Min-**	: 35 m³/h
Direction of Rotation	: Clockwise from the drive end	**Head**	**Nominal**	: 20.53 m
Impeller type	: Radial impeller		**Max-**	: 26.23 m
Impeller Design	: Closed		**Min-**	: 17.81 m
Pumpset Weight (Approx)	: 74 kg	**Efficiency**	**Overall Efficiency**	: 69.23 %
Pump Standard	:		**Pump Efficiency**	: 78.59 %

Motor

Motor Model	: CTC-65/125	**Insulation Class**	: F
Frequency	: 50 Hz	**Frame size**	: 112
Phase	: 3~	**Degree of Protection**	: IP 55
Rated Voltage	: 380 V	**Method of Starting**	: Star-delta
Rated current	: 15 A	**Service factor**	: 1.15
Rated Power P2	: 7.5 kW	**Power factor**	: 0.89
Speed	: 2900 1/min		
Efficiency	: 88.1 %		
Motor Standard	:		

Material of Construction

Pump casing	Cast Iron
Impeller	Cast Iron
Mechanical seal	Sic/Carbon/SS 304
O' Ring	Rubber
Oil Seal	Rubber
Shaft	Carbon Steel
Motor Case	Aluminium
Back Cover	Cast Iron
Fan Cover	Aluminium
Fan	Plastic
Counter/companion Flange	Galvanized Cast Iron

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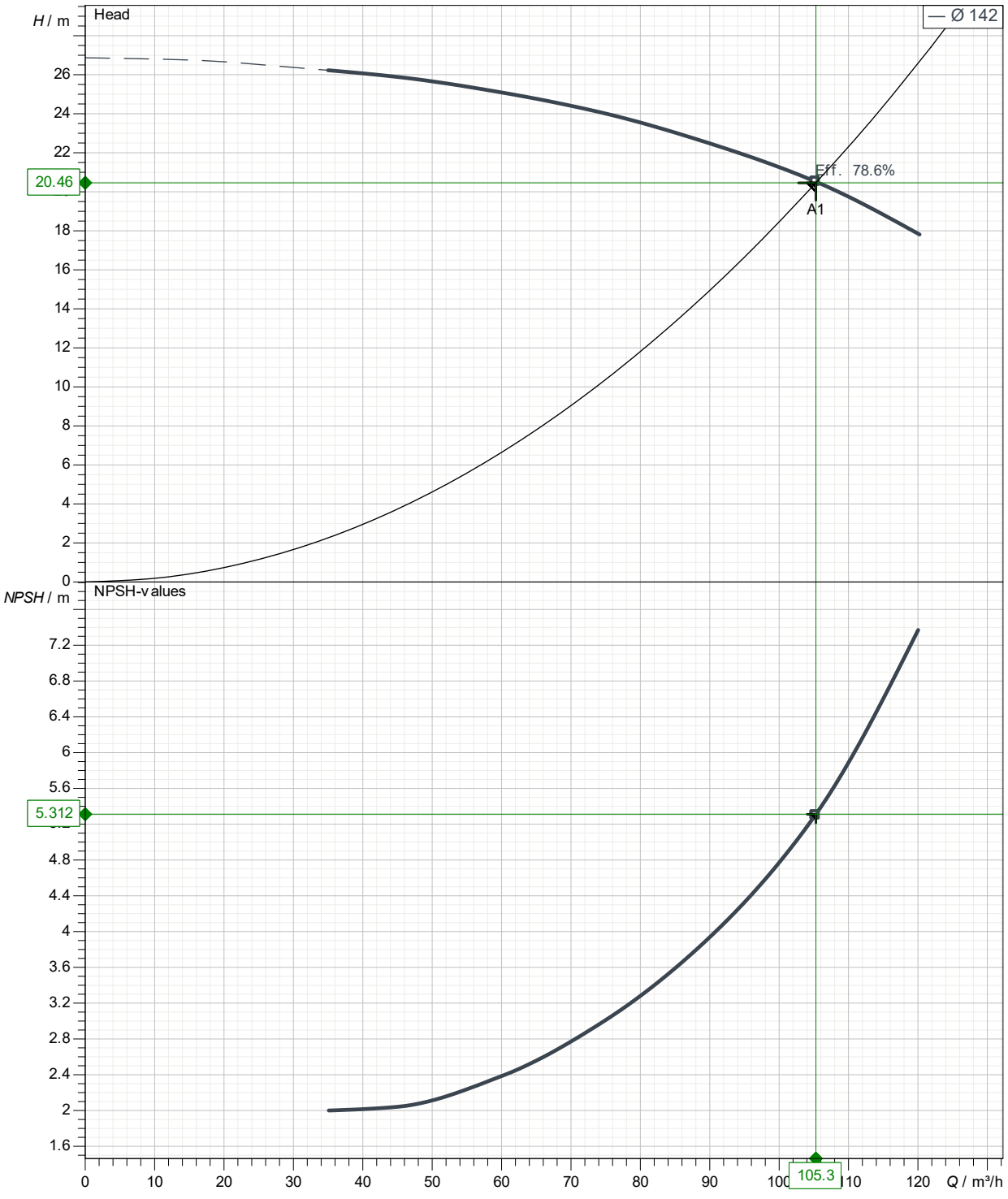
Performance Curve

Pump Model
CTC-65/125

Project Name : Untitled project 2025-10-29 17:23:47.125	**Project ID :**
Company Name : **Department** : **Phone number** : **e-mail address** :	

Curve Tolerance ISO : 9906

Speed 2900 rpm



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Dimensional Drawing

Pump Model
CTC-65/125

Project Name	: Untitled project 2025-10-29 17:23:47.125	**Project ID :**	
Company Name	:		
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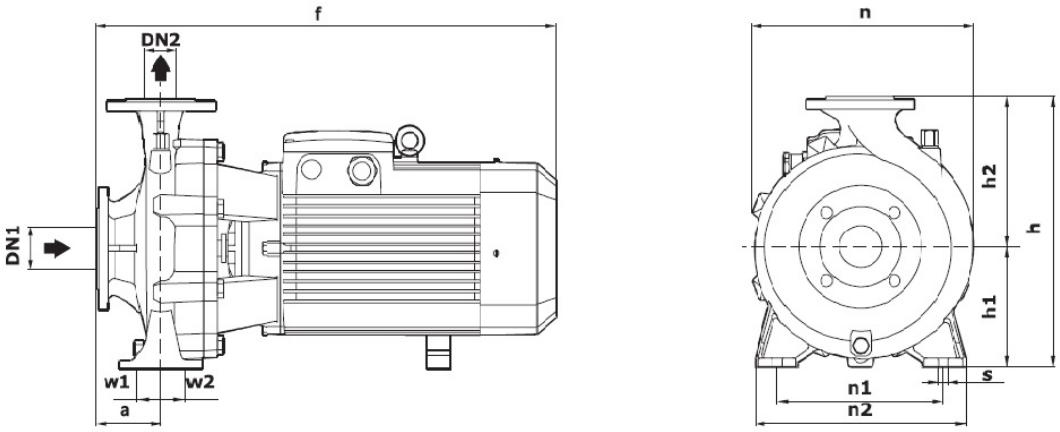

In View of continuous developments, The information/specifications/Description/ Illustrations are subject to change without notice.

Dimensions in mm

a	104	w1	49
DN1	80	w2	49
DN2	65		
f	580		
h	345		
h1	162		
h2	193		
n	275		
n1	212		
n2	280		