



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

Technical Data

Pump Model
S10S-215/10

Project Name : Untitled project 2025-03-21 17:37:15.521

Project ID :

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

Requested Data

Flow	: 237.2 m ³ /h	Fluid	: Water
Head	: 224.7 m	Density	: 0.9983 kg/dm ³
		Viscosity	: 1.005 mm ² /s
		Temperature	: 20 °C
		pH-value at t A	:
		Vapour pressure at t A	: 0.0234 bar

Pump

Pump Model	: S10S-215/10	Minimum Continuous Flow	: 70 m ³ /h
No. of Stages	: 10	Flow Nominal	: 237.1 m ³ /h
Outlet Size	: 150	Max-	: 280.1 m ³ /h
Speed	: 2900 1/min	Min-	: 70 m ³ /h
Direction of Rotation	: Counter clockwise	Head Nominal	: 219.1 m
Impeller type	: Mixed Flow Impeller	Max-	: 357.9 m
Impeller Design	: Closed	Min-	: 156.5 m
pump weight(Approx)	: 167 kg	Efficiency Overall Efficiency	: 69.32 %
Pump Standard	:	Pump Efficiency	: 78.78 %

Motor

Motor Model	: W10B-B22T	Motor Standard	:
Frequency	: 50 Hz	Insulation Class	: Y
Phase	: 3~	Degree of Protection	: IP 68
Rated Voltage	: 415 V	Method of Starting	: Direct starting
Rated current	: 425 A	Service factor	: 1
Rated Power P2	: 220 kW	Power factor	: 0.86
Speed	: 2900 1/min	No.of.starts per hour	: 15
Efficiency	: 88 %	Starting current	:
Motor Weight (Approx)	: 500 kg	Starting torque	:

Material of Construction

Pump

Check Valve Housing	S.S 304
Check Valve Disc	S.S 304
Check Valve Seat	Nitrile Butyle Rubber
Diffuser Chamber	S.S 304
Impeller	S.S 304
Split Cone with Nut	S.S 304
Impeller Wearing / Seal Ring	Nitrile Butyle Rubber
Upthrust Washer / Stop Ring	S.S 420
Intermediate Bearing	Nitrile Butyle Rubber
Suction Interconnector	S.S 304
Inlet Screen	S.S 304
Pump Shaft	S.S 431
Coupling Splines	S.S 329
Locking Strap	S.S 304
Cable Guard	S.S 304

Motor

Shaft Seal Housing	Cast Iron
Shaft Seal / Mechanical Seal	Nitrile Rubber / Ceramic - Carbon , SiC
Upper & Lower Housings	Cast Iron
Stator Shell	S.S 304
Thrust Pad	Graphite Carbon
Thrust Bearing	S.S 420
Diaphragm	NITRILE RUBBER
Motor Base	Cast Iron
Sleeve	SS 431
Shaft Extension	SS 410
Shaft	EN8



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Performance Curve

Pump Model
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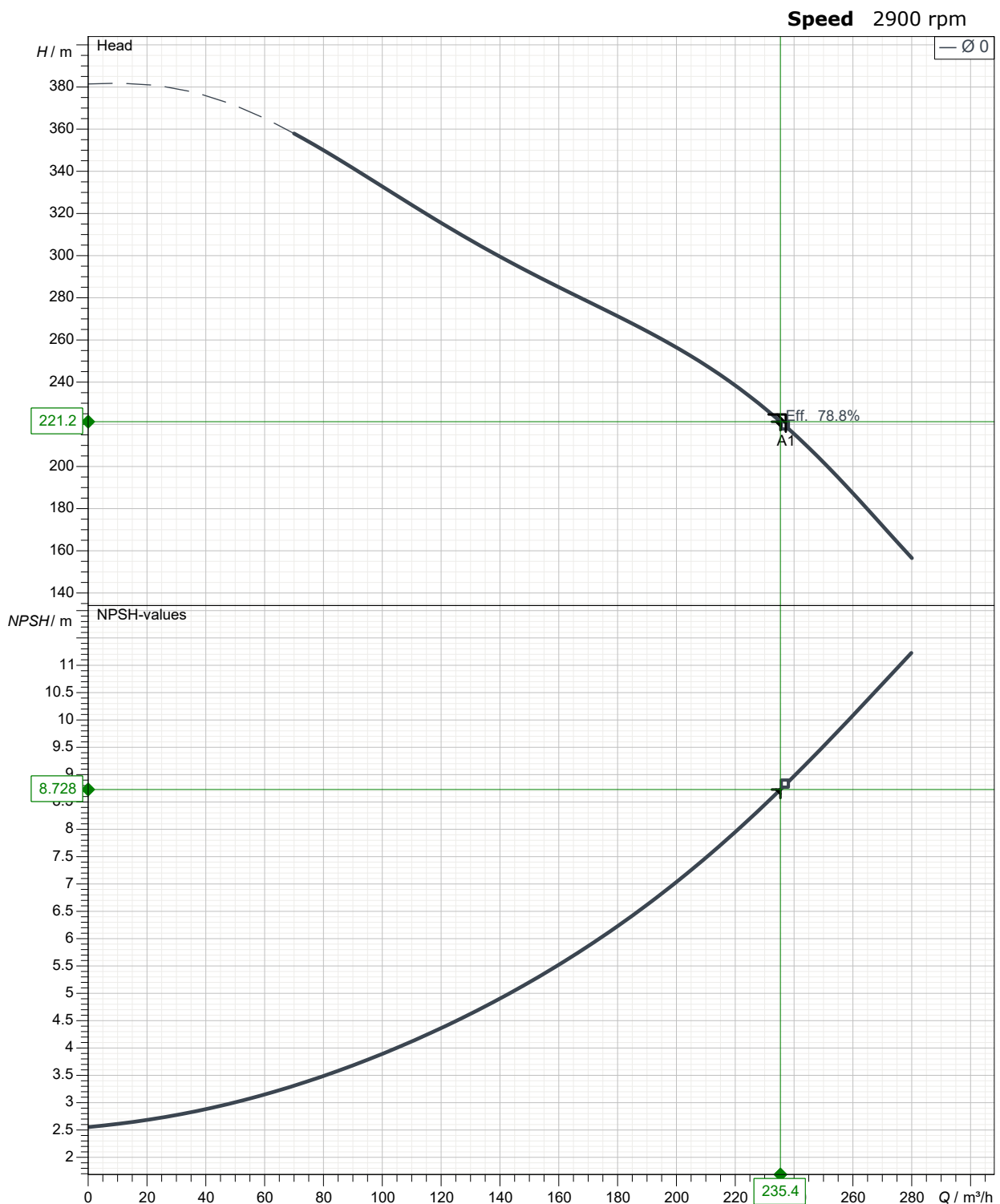
Company Name :

Department :

Phone number :

e-mail address :

Curve Tolerance ISO : 9906, Grade-3B





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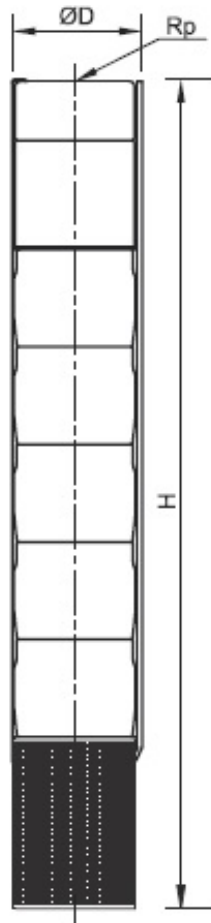
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In View of continuous developments, The information/specifications/Description/ Illustrations are subject to change without notice.

Dimensions in mm

H	2378		
OD-DOL	247		
OD-SD	255		
RP	150		

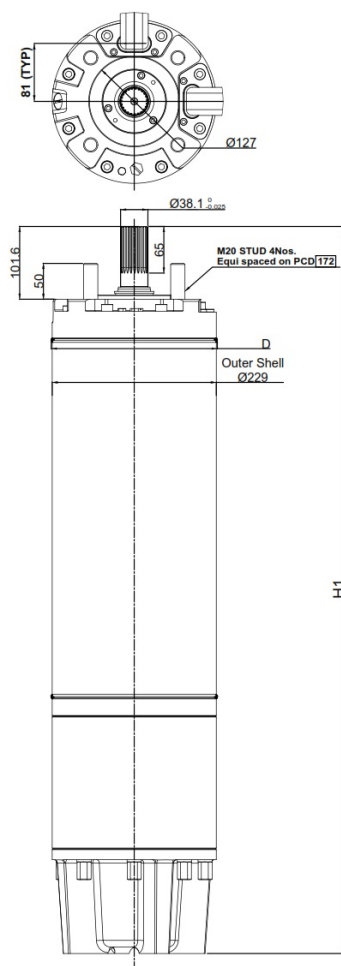


Motor Model
W10B-B22T

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Dimensions in mm

D H1	240 2183		
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