



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

Technical Data

Pump Model

S4P-8/08

Project Name : Untitled project 2025-03-18 07:49:45.857

Project ID :

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

Requested Data

Flow	: 8.195 m ³ /h	Fluid	: Water
Head	: 37.59 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	: S4P-8/08	Minimum Continuous Flow	: 4 m ³ /h
No. of Stages	: 8	Flow Nominal	: 8.19 m ³ /h
Outlet Size	: 50	Max-	: 11.98 m ³ /h
Speed	: 2900 1/min	Min-	: 4 m ³ /h
Direction of Rotation	: Counter clockwise	Head Nominal	: 37.65 m
Impeller type	: Mixed Flow impeller	Max-	: 46.75 m
Impeller Design	: Closed	Min-	: 18.19 m
pump weight(Approx)	: 3.2 kg	Efficiency Overall Efficiency	: 44.77 %
Pump Standard	:	Pump Efficiency	: 63.95 %

Motor

Motor Model	: W4A-22TK	Motor Standard	:
Frequency	: 50 Hz	Insulation Class	: Y
Phase	: 3~	Degree of Protection	: IP 58
Rated Voltage	: 415 V	Method of Starting	: Direct starting
Rated current	: 6.5 A	Service factor	: 1
Rated Power P2	: 2.2 kW	Power factor	: 0.73
Speed	: 2900 1/min	No.of.starts per hour	: 20
Efficiency	: 70 %	Starting current	:
Motor Weight (Approx)	: 27.6 kg	Starting torque	:

Material of Construction

Pump

Check Valve Housing	S.S 304
Check Valve	Delrin
Check Valve Seat	Nitrile Butyle Rubber
Outer Shell	S.S 304
Impeller	NORYL
Diffuser Chamber	Lexan
Stop Ring	Hylem
Intermediate Bearing (Sleeve / Bt	S.S 304
Suction Interconnector	S.S 304
Inlet Screen	S.S 304
Pump Shaft Hexagonal	S.S 431
Cable Guard	S.S 304
Coupling Splines	S.S 329

Motor

Shaft Seal	NITRILE RUBBER
Housing Shell	S.S 304
Stator Shell	S.S 304 / 441
Thrust Pad	Carbon Graphite
Thrust Bearing	S.S 420
Diaphragm	High Nitrile Rubber
Motor Base	S.S 304
Bush	LTB



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Performance Curve

Pump Model
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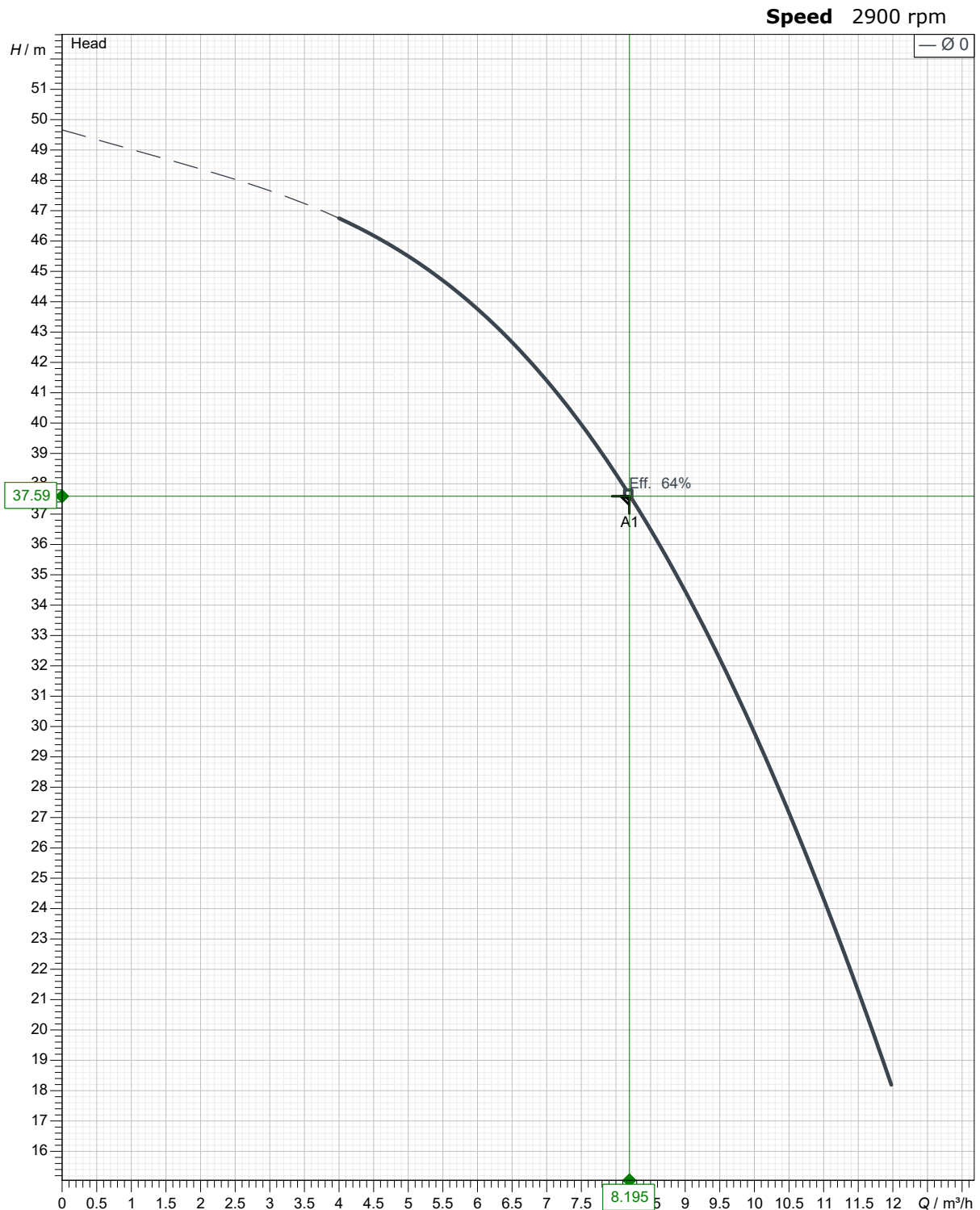
Company Name :

Department :

Phone number :

e-mail address :

Curve Tolerance ISO : 9906, Grade-3B



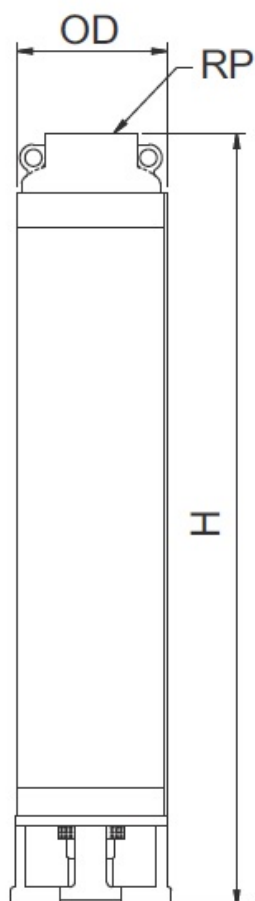


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In View of continuous developments, The information/specifications/Description/ Illustrations are subject to change without notice.

Dimensions in mm

H OD RP	498 98 50		
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Dimensions in mm

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