



Technical Data

Project Name : Untitled project 2025-03-18 08:55:30.918	Project ID :
Company Name : Department : Phone number : e-mail address :	

Requested Data

Flow : 17.88 m ³ /h	Fluid : Water
Head : 64.37 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-18/28	Minimum Continuous Flow : 9 m ³ /h
No. of Stages : 28	Flow Nominal : 17.85 m ³ /h
Outlet Size : 50	Max- : 24.03 m ³ /h
Speed : 2900 1/min	Min- : 9 m ³ /h
Direction of Rotation : Counter clockwise	Head Nominal : 64.35 m
Impeller type : Mixed Flow impeller	Max- : 99.27 m
Impeller Design : Closed	Min- : 31.1 m
pump weight(Approx) : 22 kg	Efficiency Overall Efficiency : 46.46 %
Pump Standard :	Pump Efficiency : 58.81 %

Motor

Motor Model : L4A-75TI	Motor Standard :
Frequency : 50 Hz	Insulation Class : F
Phase : 3~	Degree of Protection : IP 68
Rated Voltage : 380 V	Method of Starting : Direct starting
Rated current : 17.6 A	Service factor : 1
Rated Power P2 : 7.5 kW	Power factor : 0.85
Speed : 2900 1/min	No.of.starts per hour : 30
Efficiency : 79 %	Starting current :
Motor Weight (Approx) : 31 kg	Starting torque :

Material of Construction

Pump		Motor	
Check Valve Housing	S.S 304	Outer Shell	S.S 304
Check Valve	Delrin	Shaft Extension	17-4 PH
Check Valve Seat	Nitrile Butyle Rubber	O Ring	High Nitrile Rubber
Outer Shell	S.S 304	MECHANICAL SEAL	Carbon / Ceramic
Impeller	NORYL	Diaphragm	High Nitrile Rubber
Diffuser Chamber	Lexan	Cable	TPE / EPDM
Stop Ring	Hylem		
Intermediate Bearing (Sleeve / Ball)	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		



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

Performance Curve

Pump Model
S4P-18/28

Project Name : Untitled project 2025-03-18 08:55:30.918

Project ID :

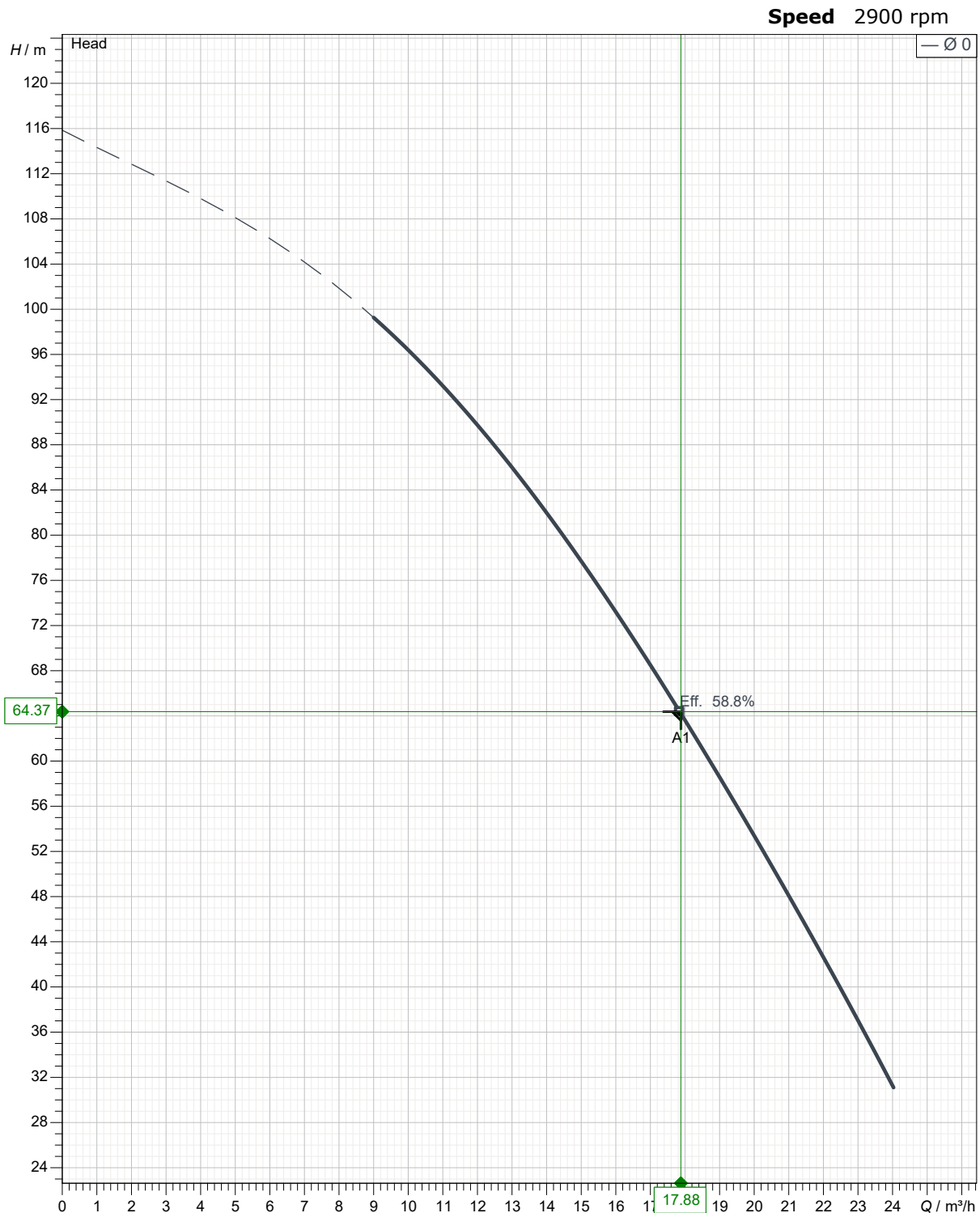
Company Name :

Department :

Phone number :

e-mail address :

Curve Tolerance ISO : 9906, Grade-3B





Pump Model
S4P-18/28

Project Name : Untitled project 2025-03-18 08:55:30.918

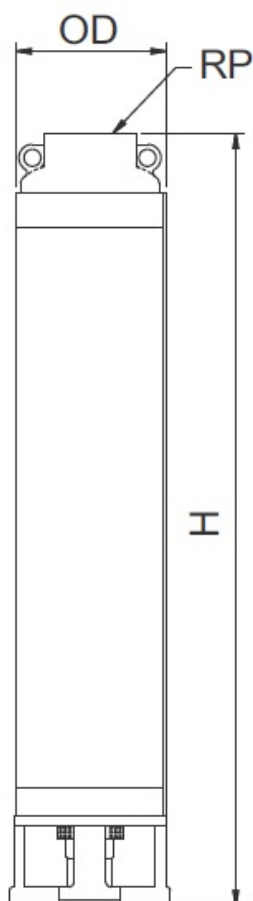
Project ID :

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

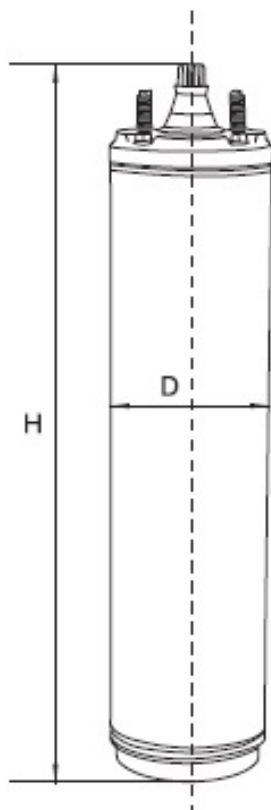
H OD RP	2201 98 50		
---------------	------------------	--	--



Motor Model
L4A-75TI

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

D H	95 882		
--------	-----------	--	--