



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 : 17.9 m ³ /h	Fluid : Water
Head : 48.86 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-18/22	Minimum Continuous Flow : 9 m ³ /h
No. of Stages : 22	Flow Nominal : 17.85 m ³ /h
Outlet Size : 50	Max- : 24.01 m ³ /h
Speed : 2900 1/min	Min- : 9 m ³ /h
Direction of Rotation : Counter clockwise	Head Nominal : 48.55 m
Impeller type : Mixed Flow impeller	Max- : 76.88 m
Impeller Design : Closed	Min- : 24.54 m
pump weight(Approx) : 18 kg	Efficiency Overall Efficiency : 44.1 %
Pump Standard :	Pump Efficiency : 58.81 %

Motor

Motor Model : L4A-55TK	Motor Standard :
Frequency : 50 Hz	Insulation Class : F
Phase : 3~	Degree of Protection : IP 68
Rated Voltage : 415 V	Method of Starting : Direct starting
Rated current : 14.5 A	Service factor : 1
Rated Power P2 : 5.5 kW	Power factor : 0.74
Speed : 2900 1/min	No.of.starts per hour : 30
Efficiency : 75 %	Starting current :
Motor Weight (Approx) : 25 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		



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Performance Curve

Pump Model
S4P-18/22

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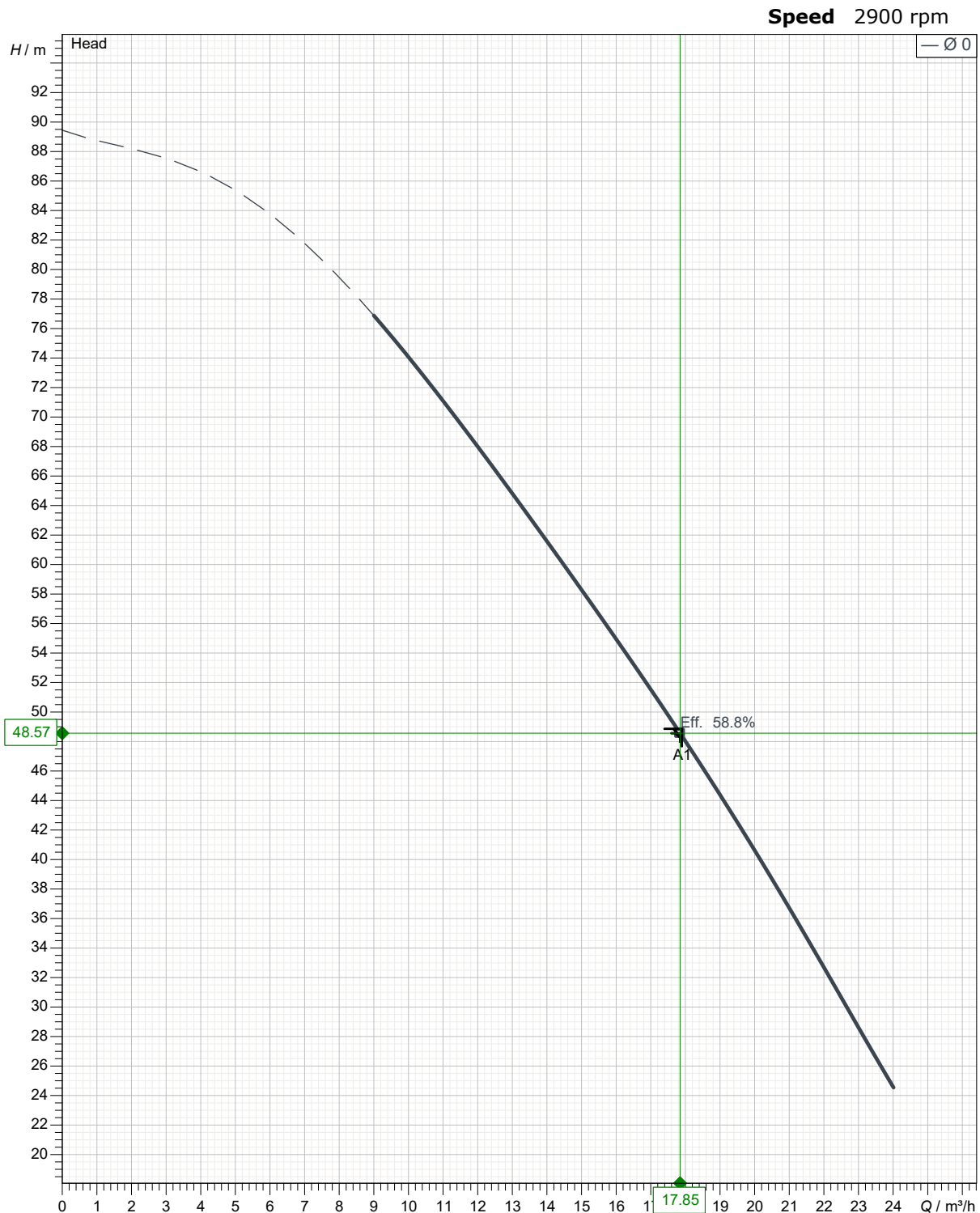
Company Name :

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e-mail address :

Curve Tolerance ISO : 9906, Grade-3B





Pump Model
S4P-18/22

Project ID :

Dimensions in mm

H OD RP	1778 98 50		
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Motor Model
L4A-55TK

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D

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

Dimensions in mm

95

762