



Technical Data

Project Name : Untitled project 2025-03-18 12:11:26.344	Project ID :
Company Name : Department : Phone number : e-mail address :	

Requested Data

Flow : 11.72 m ³ /h	Fluid : Water
Head : 111.1 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 : S4S-14/22	Minimum Continuous Flow : 4 m ³ /h
No. of Stages : 22	Flow Nominal : 11.7 m ³ /h
Outlet Size : 50	Max- : 18.93 m ³ /h
Speed : 2900 1/min	Min- : 4 m ³ /h
Direction of Rotation : Counter clockwise	Head Nominal : 111.3 m
Impeller type : Radial impeller	Max- : 136 m
Impeller Design : Closed	Min- : 48.49 m
pump weight(Approx) : 18.9 kg	Efficiency Overall Efficiency : 46.22 %
Pump Standard :	Pump Efficiency : 58.51 %

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 Disc	S.S 304	Shaft Extension	17-4 PH
Check Valve Seat	NBR/Viton	O Ring	High Nitrile Rubber
Diffuser Chamber	S.S 304	MECHANICAL SEAL	Carbon / Ceramic
Impeller	S.S 304	Diaphragm	High Nitrile Rubber
Split Cone with Nut	S.S 304	Cable	TPE / EPDM
Impeller Wearing / Seal Ring	NBR/Viton		
Upthrust Washer / Stop Ring	S.S 304/Teflon,S.S 420/Bronze		
Intermediate Bearing	NBR/Viton		
Suction Interconnector	S.S 304		
Inlet Screen	S.S 304		
Pump Shaft	S.S 304		
Coupling Splines	S.S 329		
Locking Strap	S.S 304		
Cable Guard	S.S 304		



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

Performance Curve

Pump Model
S4S-14/22

Project Name : Untitled project 2025-03-18 12:11:26.344

Project ID :

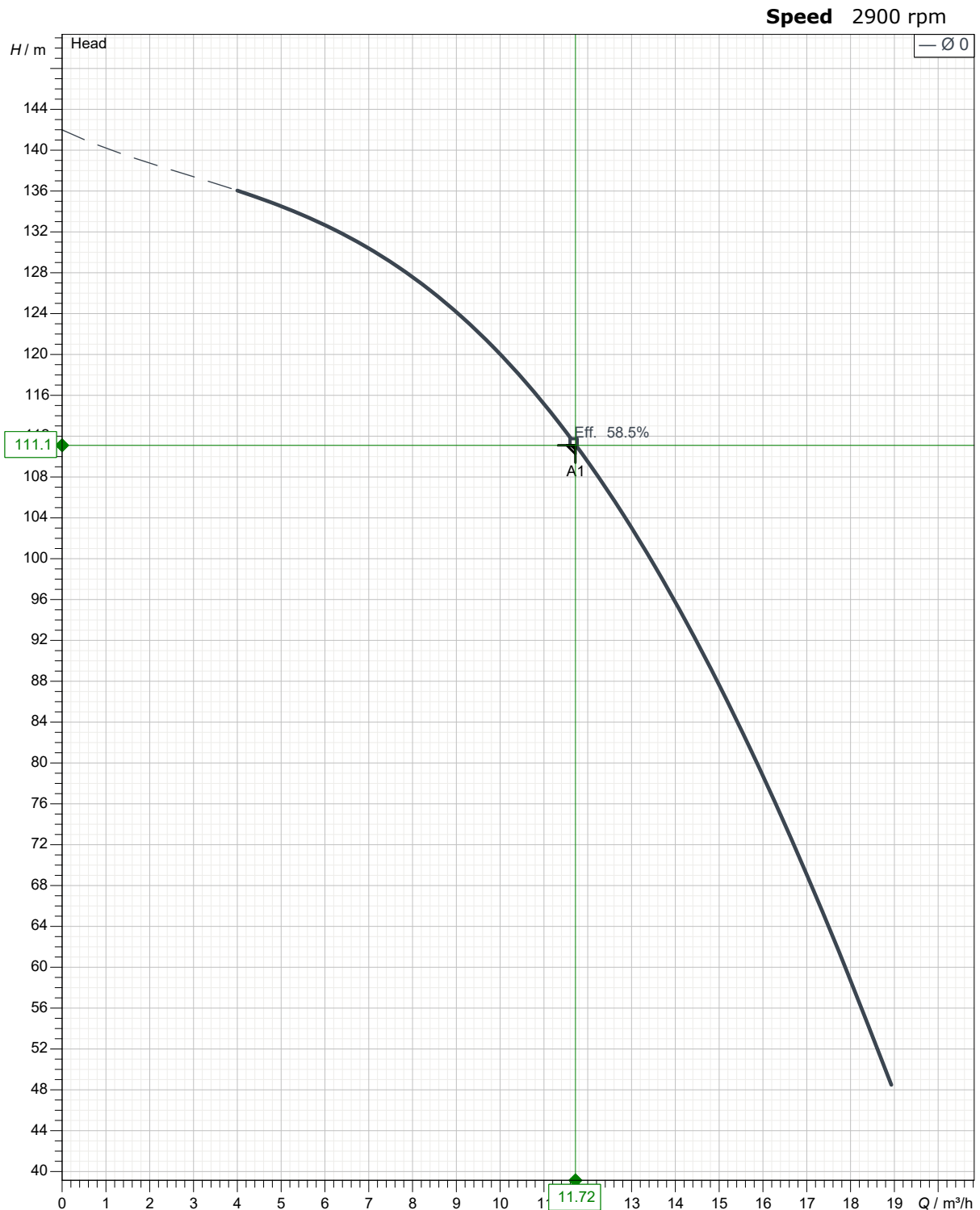
Company Name :

Department :

Phone number :

e-mail address :

Curve Tolerance ISO : 9906, Grade-3B

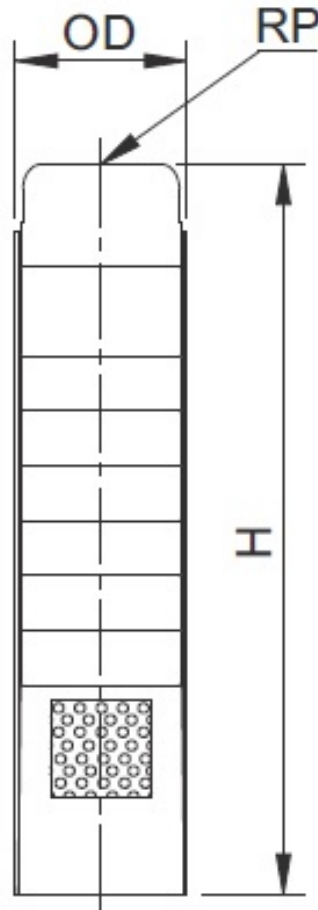




Project Name : Untitled project 2025-03-18 12:11:26.344

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	1678
OD	97
RP	50



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

Dimensional Drawing

Motor Model
L4A-75TI

Project Name : Untitled project 2025-03-18 12:11:26.344	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

--	--	--	--