



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

Technical Data

Pump Model
S4S-3/45

Project Name : Untitled project 2025-03-18 11:09:23.561	Project ID :
Company Name : Department : Phone number : e-mail address :	

Requested Data

Flow : 2.856 m ³ /h	Fluid : Water
Head : 213.8 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-3/45	Minimum Continuous Flow : 1 m ³ /h
No. of Stages : 45	Flow Nominal : 2.857 m ³ /h
Outlet Size : 32	Max- : 4.501 m ³ /h
Speed : 2900 1/min	Min- : 1 m ³ /h
Direction of Rotation : Counter clockwise	Head Nominal : 213.3 m
Impeller type : Radial impeller	Max- : 264.6 m
Impeller Design : Closed	Min- : 83.7 m
pump weight(Approx) : 16.25 kg	Efficiency Overall Efficiency : 45.11 %
Pump Standard :	Pump Efficiency : 60.96 %

Motor

Motor Model : L4A-37TK	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 : 9.9 A	Service factor : 1
Rated Power P2 : 3.7 kW	Power factor : 0.73
Speed : 2900 1/min	No.of.starts per hour : 30
Efficiency : 74 %	Starting current :
Motor Weight (Approx) : 19 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		



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Performance Curve

Pump Model
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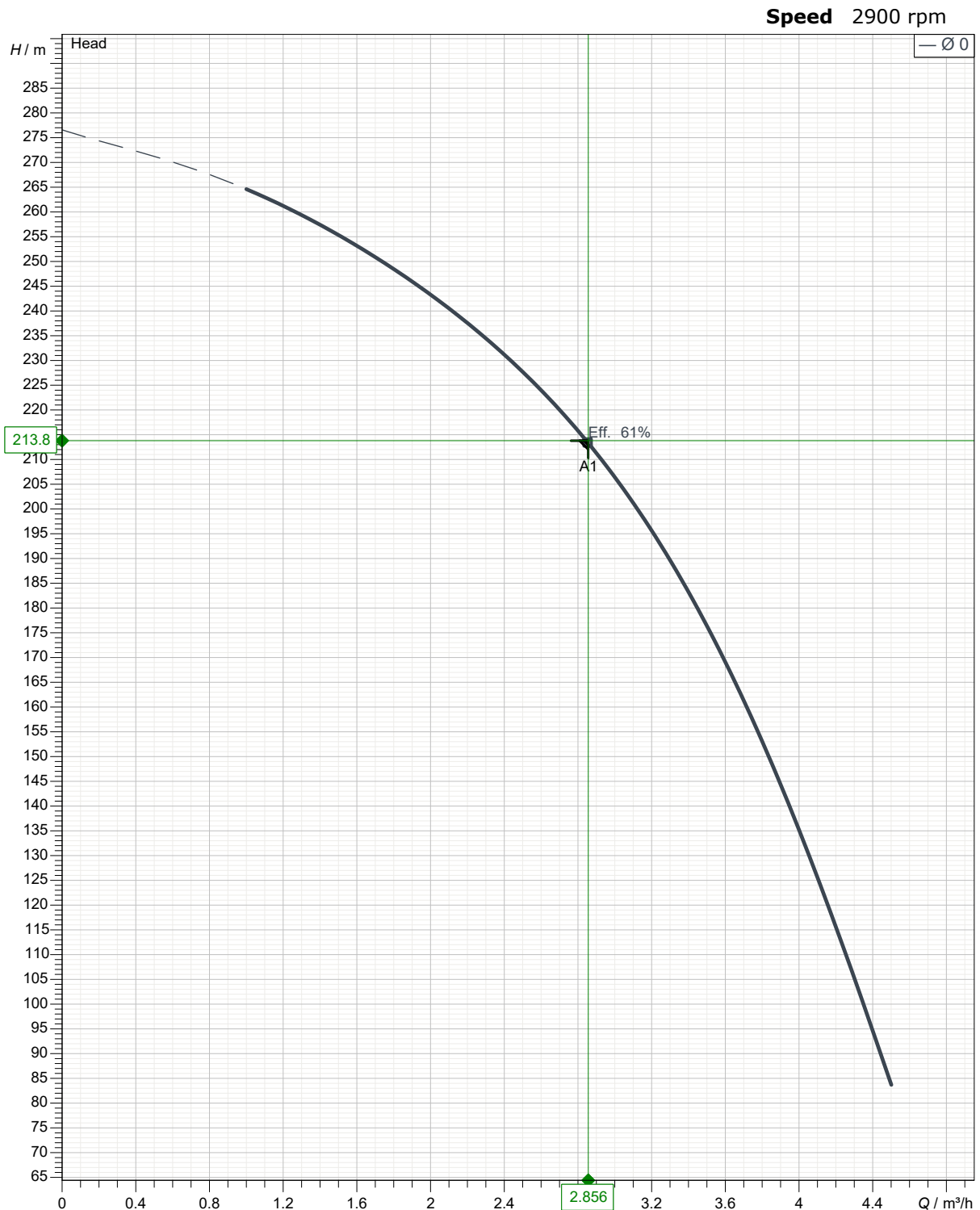
Company Name :

Department :

Phone number :

e-mail address :

Curve Tolerance ISO : 9906, Grade-3B



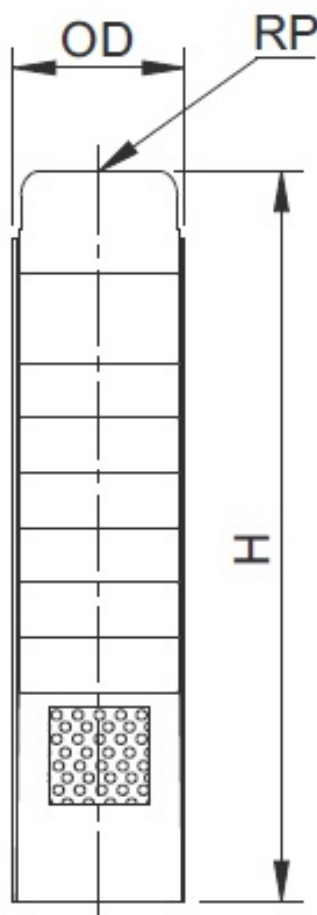


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In View of continuous developments, The information/specifications/Description/ Illustrations are subject to change without notice.

Dimensions in mm

H OD RP	1334 97 32		
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Dimensions in mm

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