



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

Technical Data

Pump Model
S4P-8/43

Project Name : Untitled project 2025-03-18 07:49:45.857	Project ID :
Company Name : Department : Phone number : e-mail address :	

Requested Data

Flow : 8.201 m ³ /h	Fluid : Water
Head : 190.1 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 : S4P-8/43	Minimum Continuous Flow : 4 m ³ /h
No. of Stages : 43	Flow Nominal : 8.19 m ³ /h
Outlet Size : 50	Max- : 12.01 m ³ /h
Speed : 2900 1/min	Min- : 4 m ³ /h
Direction of Rotation : Counter clockwise	Head Nominal : 189.9 m
Impeller type : Mixed Flow impeller	Max- : 241.4 m
Impeller Design : Closed	Min- : 86.15 m
pump weight(Approx) : 17.5 kg	Efficiency Overall Efficiency : 50.52 %
Pump Standard :	Pump Efficiency : 63.95 %

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		



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Performance Curve

Pump Model
S4P-8/43

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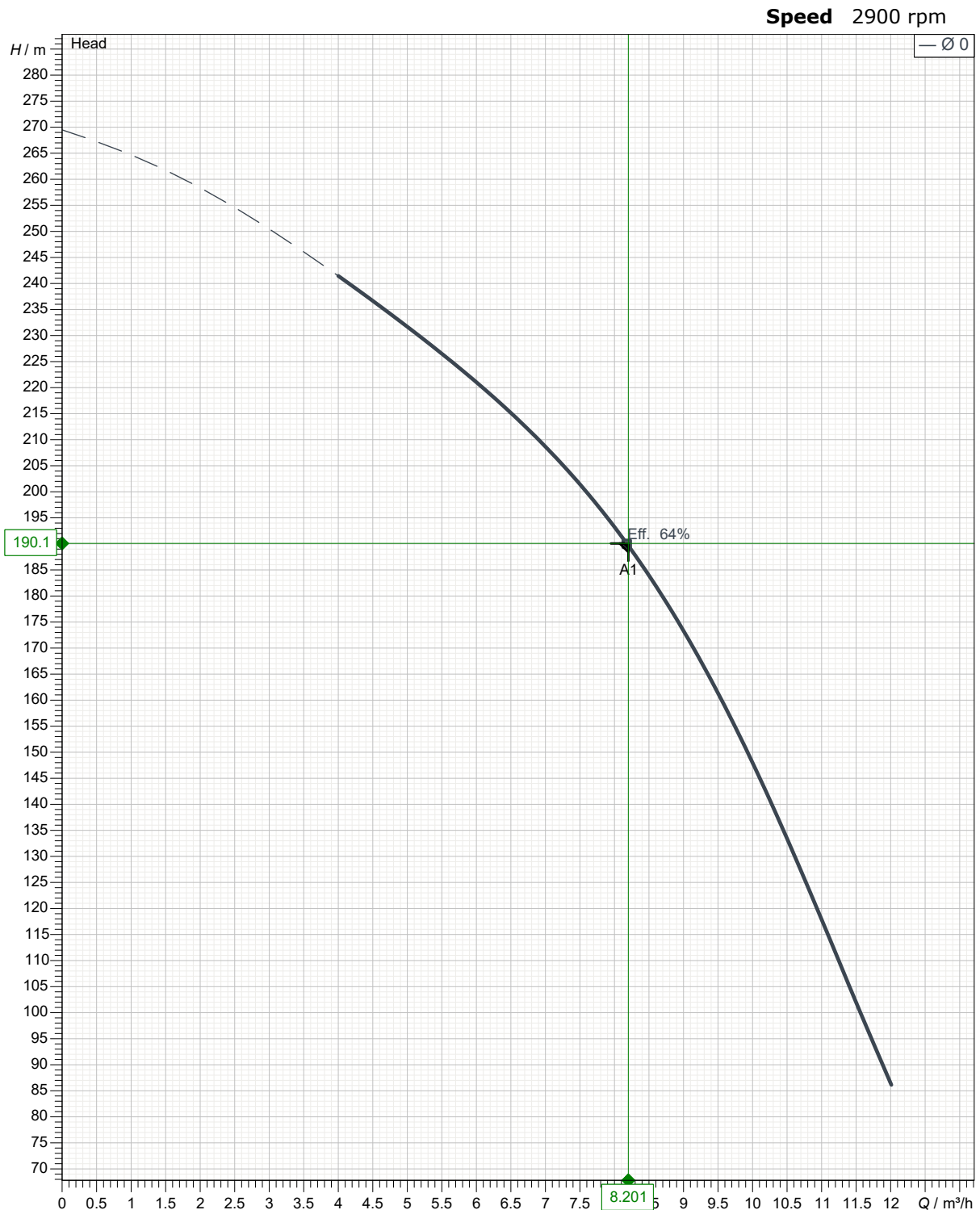
Company Name :

Department :

Phone number :

e-mail address :

Curve Tolerance ISO : 9906, Grade-3B

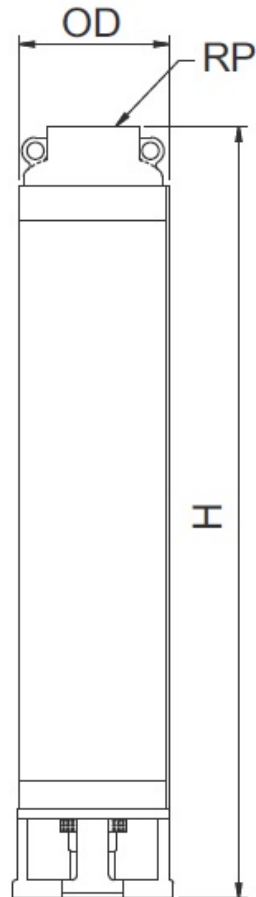




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In View of continuous developments, The information/specifications/Description/ Illustrations are subject to change without notice.

Dimensions in mm

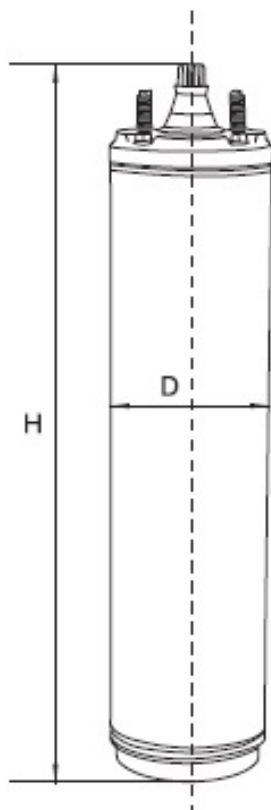
H	1643
OD	98
RP	50



Motor Model
L4A-75TI

Project ID :

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