



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

# Technical Data

Pump Model  
**S4S-2/28**

<b>Project Name</b> : Untitled project 2025-03-18 10:06:36.092	<b>Project ID</b> :
<b>Company Name</b> : <b>Department</b> : <b>Phone number</b> : <b>e-mail address</b> :	

## Requested Data

<b>Flow</b> : 1.754 m <sup>3</sup> /h	<b>Fluid</b> : Water
<b>Head</b> : 124.5 m	<b>Density</b> : 0.9983 kg/dm <sup>3</sup>
	<b>Viscosity</b> : 1.005 mm <sup>2</sup> /s
	<b>Temperature</b> : 20 °C
	<b>pH-value at t A</b> :
	<b>Vapour pressure at t A</b> : 0.0234 bar

## Pump

<b>Pump Model</b> : S4S-2/28	<b>Minimum Continuous Flow</b> : 0.7 m <sup>3</sup> /h
<b>No. of Stages</b> : 28	<b>Flow Nominal</b> : 1.755 m <sup>3</sup> /h
<b>Outlet Size</b> : 32	<b>Max-</b> : 2.521 m <sup>3</sup> /h
<b>Speed</b> : 2900 1/min	<b>Min-</b> : 0.7 m <sup>3</sup> /h
<b>Direction of Rotation</b> : Counter clockwise	<b>Head Nominal</b> : 124.4 m
<b>Impeller type</b> : Radial impeller	<b>Max-</b> : 168.7 m
<b>Impeller Design</b> : Closed	<b>Min-</b> : 73.16 m
<b>pump weight(Approx)</b> : 8.15 kg	<b>Efficiency Overall Efficiency</b> : 35.27 %
<b>Pump Standard</b> :	<b>Pump Efficiency</b> : 50.39 %

## Motor

<b>Motor Model</b> : L4A-22N	<b>Motor Standard</b> :
<b>Frequency</b> : 50 Hz	<b>Insulation Class</b> : F
<b>Phase</b> : 1~	<b>Degree of Protection</b> : IP 68
<b>Rated Voltage</b> : 230 V	<b>Method of Starting</b> :
<b>Rated current</b> : 15 A	<b>Service factor</b> : 1.15
<b>Rated Power P2</b> : 2.2 kW	<b>Power factor</b> : 0.95
<b>Speed</b> : 2900 1/min	<b>No.of.starts per hour</b> : 30
<b>Efficiency</b> : 70 %	<b>Starting current</b> :
<b>Motor Weight (Approx)</b> : 14 kg	<b>Starting torque</b> :

## Material of Construction

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



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

# Performance Curve

Pump Model  
**S4S-2/28**

**Project Name** : Untitled project 2025-03-18 10:06:36.092

**Project ID** :

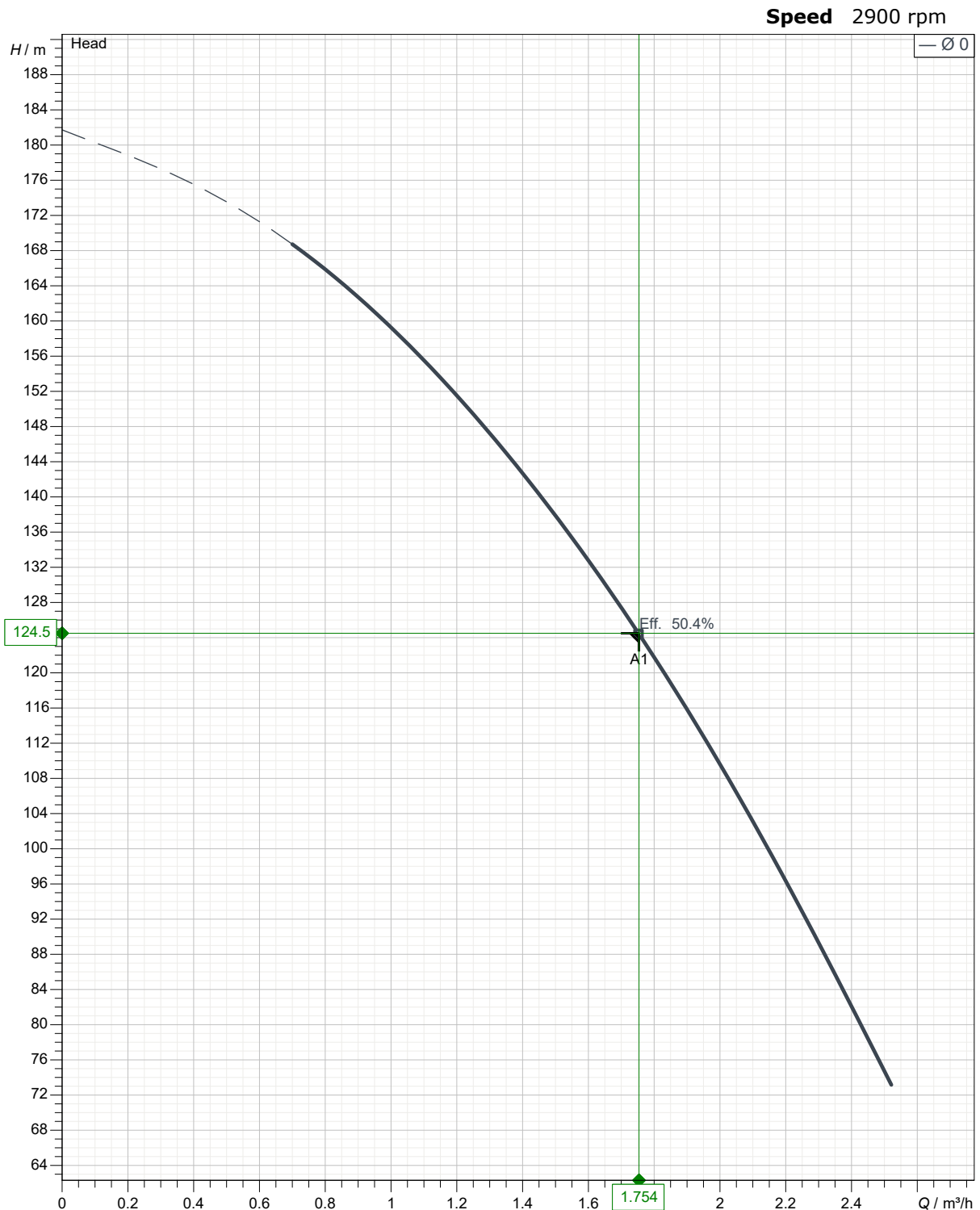
**Company Name** :

**Department** :

**Phone number** :

**e-mail address** :

**Curve Tolerance** ISO : 9906, Grade-3B





Pump Model  
**S4S-2/28**

**Project Name** : Untitled project 2025-03-18 10:06:36.092

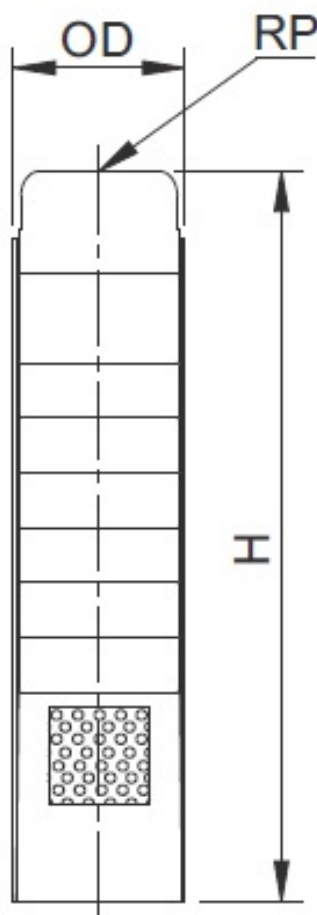
**Project ID :**

**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	775 97 32		
---------------	-----------------	--	--



<b>Project Name</b> : Untitled project 2025-03-18 10:06:36.092	<b>Project ID</b> :
<b>Company Name</b> : <b>Department</b> : <b>Phone number</b> : <b>e-mail address</b> :	

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

## Dimensions in mm

--	--	--	--