

## Stainless Steel Single Stage Semi-Open Impeller type

### Applications

- 1) Open impeller centrifugal pumps with the hydraulic element manufactured from stainless steel AISI 304.
- 2) suitable for suspended solids handling food process e.g.washing vegetables, meats and fishes.
- 3) Industrial washing machines that may contain solids e.g. bottles, jars, glasses & crates.
- 4) Process applications such as general & industrial dirty liquid handling.

### Specification

- Max temperature of liquid : 70°C
- Max working pressure : 3 bar
- Max Flow : 5.5 m<sup>3</sup>/hr (24.2 USGPM)
- Max Head : 10 meter (32 Feet)
- Threaded tube connection.

### Technical Data

2-pole Induction Motor.  
 Continuous duty suitable  
 Single phase with thermal protector  
 Protection: IP55  
 High efficiency motor on request  
 Bearing: NSK

### Materials

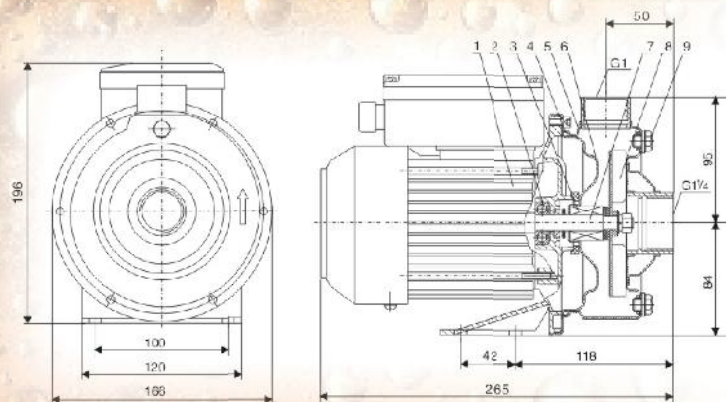
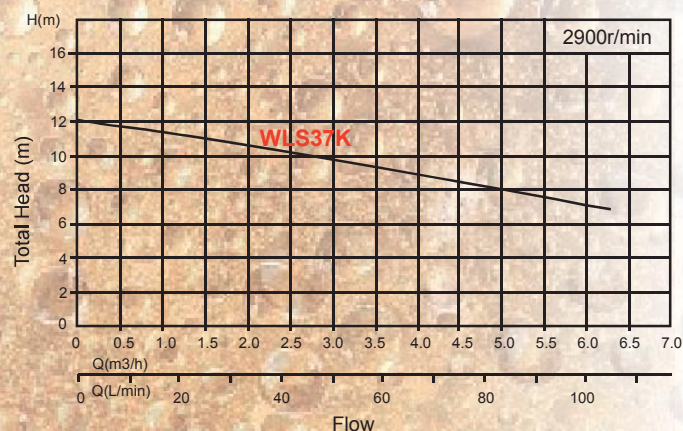
- Pump casing, pump cover, impeller are made of 304SS.
- Motor frame, front flange in aluminium alloy.
- Mechanical seal : Carbon / Ceramic / NBR.

### Performance Table

Model	Power P <sub>e</sub> (W)	L/H L/min	0	1	2	3	4	5	6
			0	16.7	33.3	50	66.7	83.3	100
		HEAD (m)							
WLS37K	370		12	11	10	9.5	8.5	7.5	7



### Performance Curves



1. Motor  
 4. O-ring  
 7. Shaft

2. Bearing  
 5. Casing  
 8. Impeller

3. Mechanical Seal  
 6. Cover  
 9. Plug



## Stainless Steel Single Stage Semi-Open Impeller type



### Materials

- Pump casing, pump cover, impeller are made of 304SS.
- Motor frame, front flange is made of aluminium alloy.
- Mechanical seal : Carbon / Ceramic / NBR.

### Technical Data

Insulation class : F  
 Protection : IP55  
 Liquid Temperature :  $-15^{\circ}\text{C} \sim 80^{\circ}\text{C}$   
 Ambient temperature :  $-15^{\circ}\text{C}$  to  $40^{\circ}\text{C}$   
 Voltage : 220-240V/ 50Hz  
 380-415V/50Hz.  
 Motor casing : Aluminium  
 High efficiency motor on request  
 Bearing: NSK

### Performance Table

Model	Power		Capacity				
	kW	HP	M3/h	6	12	18	24
			L/min	100	200	300	400
			Head (m)				
WLS-100K	0.75	1.0		7	6	5	

### Applications

Open impeller centrifugal pumps with the hydraulic element manufactured from stainless steel AISI 304, suitable for suspended solids handling food process e.g. washing vegetables, meats and fishes. Industrial washing machines that may contain solids e.g. bottles, jars, glasses & crates. Process applications such as paint plants & general dirty liquid handling.

### Specification

- Max Flow : 20 m<sup>3</sup>/hr ,73 IPGM
- Max Head : 7 meter (23 Feet)
- Max solid diameter : 19mm
- Max working pressure : 8bar
- Threaded tube connection.

### Performance Curves

