



## **Catalog CPS series**

**centrifugal pump**

### Product introduction:

These pumps are single stage centrifugal pumps, suitable for both domestic and industrial applications to convey clean liquids and non-aggressive chemical fluids. The hydraulic characteristic is with higher head and smaller capacity



### Component Construction:

Pump body: Stainless steel 304  
 Pump support: Aluminum  
 Motor Housing: Aluminum  
 Impeller: Stainless Steel/PPO Plastic  
 Motor Shaft: Carbon Steel(304SS if request)  
 Mechanical seal: Ceramic/Graphite



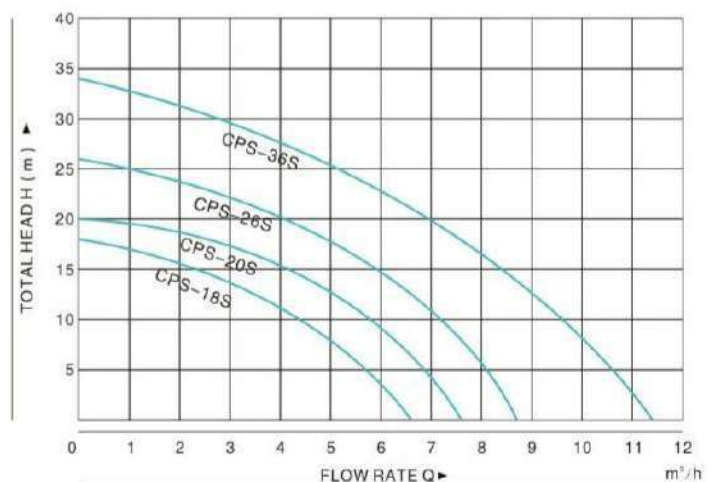
### Operating Condition:

Liquid Temperature up to 60°C  
 Ambient Temperature up to 40°C  
 Total Suction lift up to 9m

### Motor:

Single Phase 220V/50Hz, 110V/60Hz if request  
 Insulation Class B  
 Production: IP44, IP54 if request  
 Cooling: External Ventilation  
 With Thermal Protector  
 Continuous Work S1

### PERFORMANCE CHART AT n = 2900rpm



### MODEL PARAMETERS

| Model   | Power |      | Max.Flow | Max.Head | In/outlet | Max.Suct | G.W. | Dimension   |
|---------|-------|------|----------|----------|-----------|----------|------|-------------|
|         | Kw    | Hp   | m³/h     | m        | inch      | m        | kgs  | mm          |
| CPS-18S | 0.37  | 0.5  | 6.6      | 18       | 1.25"x1"  | 9        | 9    | 310*195*220 |
| CPS-20S | 0.55  | 0.75 | 7.8      | 20       | 1.25"x1"  | 9        | 10   | 330*230*245 |
| CPS-26S | 0.75  | 1    | 8.7      | 26       | 1.25"x1"  | 9        | 11   | 330*230*245 |
| CPS-36S | 1.5   | 2    | 11.4     | 34       | 1.25"x1"  | 9        | 16.5 | 390x250x280 |