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## **BACKPULL OUT PUMP "PS" SERIES (PULP APPLICATION)**

### **APPLICATIONS:**

"PS" Type pumps are used in paper & pulp industry, food industry, sugar industry, efficient plants, sea water desalination plants, chemical & petrochemicals industry, power stations and absorption plants in environmental engineering & Etc.

Handling of pulp & paper stocks up to 5% consistency heavily contaminated liquids, raw sewage, chlorinated water & Etc

### **OPERATING RANGE:**

<b>Capacity</b>	Up to 2500 M3/Hr
<b>Head</b>	Up to 80 Mtrs (262 Feet)
<b>Temperature</b>	Up to 140 C (284 F)
<b>Casing Pressure</b>	Up to 22 Kg / cm <sup>2</sup>
<b>Pump size ( Delivery bore)</b>	65 mm to 400 mm
<b>Speed</b>	Up to 1480 rpm
<b>Direction of rotation</b>	Clockwise from drive end

### **DESIGN :**

Horizontal Back Pull Out Design Pumps. Closed and Semi Open Impeller Construction with taper roller bearing on both end and designed in accordance with ANSI B 16.5.



## **SAILENT FEATURES :**

- Back pull out design
- Steady flow
- Energy Efficient
- Sturdy Construction
- Low NPSH
- Noise & Maintenance Free
- Environment Friendly
- Shaft Deflection Below 0.055 mm
- Simple External axial Adjustment for impeller wear & tear
- To pump the pulp as Like water

## **MATERIAL OF CONSTRUCTION:-**

**Graded CAST IRON,WCB,CFB, CF8,CF8M,CD4MCu,SS 2324.ALLOY 20 & ETC.**

