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## DIRTY WATER PUMP "ACH" SERIES

### APPLICATIONS :

- "ACH" Type pumps are used in Chemical & Petrochemicals Industry, Food Industry, Dyeing , Sugar Industry, Paper & Pulp Industry, Fertilizer Units & Etc.
- Handling of all types of Liquids , Acids , Alkalis , Dyes , Hydrocarbons , Corrosive Slurries (Solids Up to 15 mm) , Green , Black Liquor , Pulp (Consistency up to 2%) & Etc.

### OPERATING RANGE :

<b>Capacity</b>	Up to 600 M3/Hr
<b>Head</b>	Up to 180 Mtrs (590 Feet)
<b>Temperature</b>	Up to 200° C (392° F)
<b>Casing Pressure</b>	Up to 24 Kg / cm <sup>2</sup>
<b>Pump size ( Delivery bore)</b>	DN 25 mm to DN 200 mm
<b>Speed</b>	Up to 2900 rpm
<b>Direction of rotation</b>	Clockwise from drive end

### DESIGN :

Horizontal Back Pull Out Design Pumps. Open and Semi Open Impeller Construction with one Cylindrical roller bearing on pump end, one double row angular contact ball bearing on drive end designed in accordance with ANSI B 16.5



## **SAILENT FEATURES :**

- Back pull out Centrifugal design
- Steady flow
- Energy Efficient
- Sturdy Construction
- Low NPSH
- Noise & Maintenance Free
- Environment Friendly
- Shaft Deflection Below 0.05 mm
- Simple External axial Adjustment for impeller wear & tear
- Bearing Life-More Than 17000 Operating Hours\*.

## **MATERIAL OF CONSTRUCTION**

Graded CAST IRON, WCB, CF8, CF8M, CD4MCu, SS 317 L, ALLOY 20, HAST ALLOY 'B' & 'C' & ETC.

