



## "BPO ANSI" SERIES

## BACK PULLOUT PUMPS (SLURRY APPLICATION)

### APPLICATION

- "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.

### DESIGN

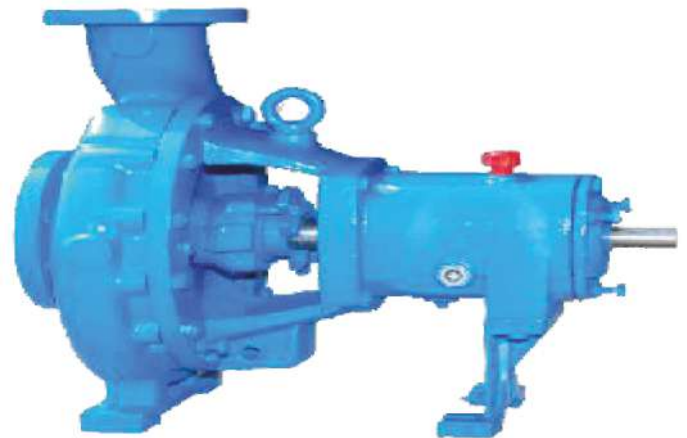
Horizontal Back Pull Out Design Pumps.  
Open and Semi Open Impeller Construction with one cylindrical roller Bearing on pump end, one double row angular contact ball bearing on drive end designed in accordance with ANSI B 16.5

### 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.

### OPERATING RANGE

<b>Capacity</b>	: Up to 600 M <sup>3</sup> /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 200mm
<b>Speed</b>	: Up to 2900 rpm
<b>Direction of rotation</b>	: Clockwise from drive end



Graded CAST IRON, WCB, Cf8, CF8M, CD4MCu, SS 317 L, ALLOY 20, HAST ALLOY 'B' & 'C' & ETC.

Video Link : <https://www.youtube.com/watch?v=EMCSlcJOEtM>