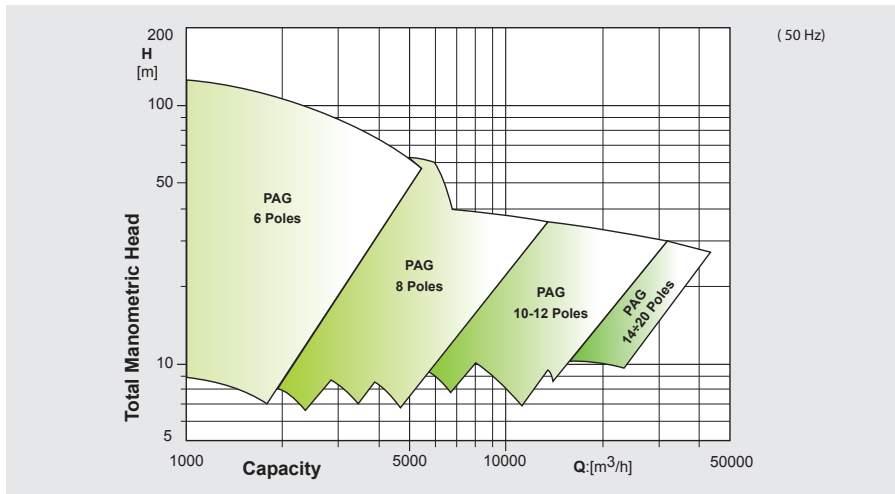


# HIGH-FLOW MIXED AND SEMI-AXIAL FLOW VERTICAL PUMPS “PAG”



## DESCRIPTION

PAG series are Vertical Single and Multistage Mixed and Semi-Axial Flow pumps suitable for use in wet pits or dry pits (with possibility of inspection).  
API 610 last edition is available for this kind of pumps.

## CONSTRUCTION

- Pump Bowl with shaft supported by intermediate bearing sleeves lubricated by pumped liquid.
- **Impeller Closed or Open Mixed Flow Type, hydraulically and dynamically balanced.**
- Line shaft and Column Pipe composed of delivery pipe, with shaft sleeves support lubricated by pumped liquid.
- Discharge Head with delivery flange, shaft supported by oil lubricated thrust bearings.
- Pump and Motor, coupled to the drive (usually an electric motor) by means of two half joints.
- Direction of rotation, clockwise (viewed from TOP)

### TECHNICAL DATA

<b>SIZE:</b> DN 300 to DN 2.000
<b>CAPACITY:</b> from 1.000 to 44.000 m <sup>3</sup> /h
<b>HEAD:</b> 120 m
<b>TEMPERATURE:</b> 0°C to +60°C (standard execution) 0°C to +90°C (special execution)
<b>Ø BOWL:</b> 22" to 78"

Pumps for duties out of this range will be designed and quoted on specific customer request.

### APPLICATIONS

- Iron and steel, chemical, petrochemical and paper industry
- Steam and nuclear power generation - Incinerators
- Agriculture
- Municipalities
- Building and construction industry
- Desalting and potable water plants
- Salt works
- Cooling Water Pumps in LPG/LNG transfer plants

### MATERIALS

Components	Cast Iron (*)	Steel (*)	Bronze	Carbon Steel	Stainless Steel	Duplex Gr. 4A	Super Duplex Gr. 5A
Bowl	■	■	■	■	■	■	■
Impeller	■	■	■	■	■	■	■
Discharge Head	■	■	■	■	■	■	■
Motor Stool	■	■	■	■	■	■	■
Welded Struct. Components	■	■	■	■	■	■	■

(\*) Standard Execution

PAG series pump is feasible with special materials for corrosive and abrasive liquids.

