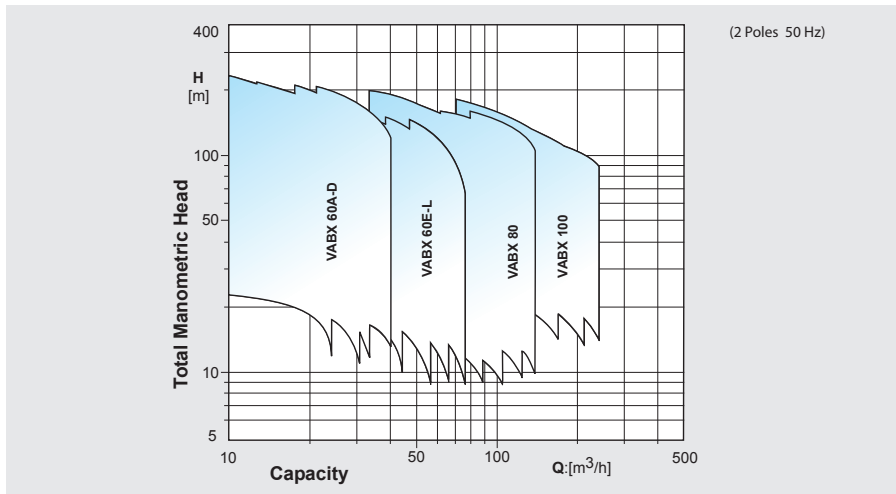


# LOW-FLOW VERTICAL MULTISTAGE TURBINE PUMPS “VABX”



## DESCRIPTION

VABX series are Vertical line-shaft Mixed Flow Multistage Pumps suitable for use in basin or pits.

## CONSTRUCTION

- Pump Bowl with shaft supported by intermediate bearing sleeves lubricated by pumped liquid.
- **Impeller, 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 grease lubricated thrust bearings.
- Pump and Motor are coupled to a motor stool and elastic coupling.
- Direction of rotation, counterclockwise (viewed from TOP).

## TECHNICAL DATA

<b>SIZE:</b> DN 80 to DN 125
<b>CAPACITY:</b> from 20 to 250 m <sup>3</sup> /h
<b>HEAD:</b> 220 m
<b>TEMPERATURE:</b> 0°C to +60°C (standard execution) 0°C to +90°C (special execution)
<b>Ø BOWL:</b> 6" to 10"

## APPLICATIONS

- Municipalities - Water supply
- Industrial plant - Water supply, cooling tower, water treatment
- Agriculture - Irrigation water
- Draining - Storm water
- Fire-fighting - Main and jockey pumps
- Pumping water from sump, canal, river, lake or sea

## 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

VABX series pump is feasible with Special Materials for corrosive and abrasive liquids.

