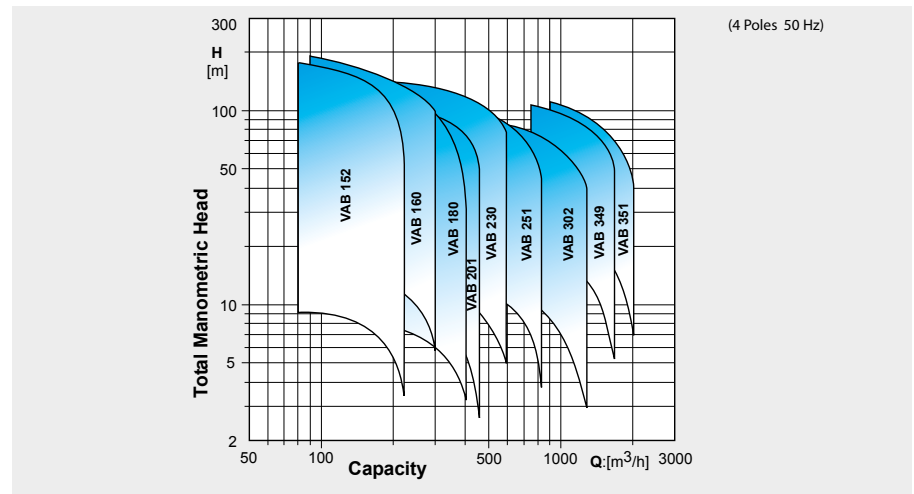




MEDIUM-FLOW VERTICAL MULTISTAGE TURBINE PUMPS “VAB”



DESCRIPTION

VAB 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, clockwise (viewed from TOP).



APPLICATIONS

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

TECHNICAL DATA

SIZE: DN 125 to DN 300
CAPACITY: from 80 to 2.000 m ³ /h
HEAD: 180 m
TEMPERATURE: 0°C to +60°C (standard execution) 0°C to +90°C (special execution)
Ø BOWL: 12" to 22"

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

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