

# ABRA VL, VS, VAP

## Vertical Centrifugal Pump



### Use

- ABRA pump models VL, VS and VAP (vertical execution) are designed for pumping liquids containing suspended abrasive solids, such as thickened sludge, glaze, cement, metals and sand
- Due to the particular construction characteristics of the materials used, these pumps are very reliable, extremely wear-resistant and easy to maintain
- Vertical pumps in various sizes (30, 40, 50, 60, 100, 150, 175), are particularly suited for working in medium-depth wells and pits

### Main Characteristics

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### Main Applications

- Water purification plants
- Natural and engineered stone slurry
- Glaze and slip slurry
- Cement water slurry
- Industrial water recycling

### Physical/Operating Characteristics

Model	Flow		*Delivery head		Power
	gallon/min	liter/min	psi	m H2O	kW
30	26 - 106	100 - 400	4.3 - 11.4	3 - 8	2.2 - 4
40	79 - 251	300 - 950	7.1 - 17.1	5 - 12	3 - 5.5
50	132 - 370	500 - 1,400	11.4 - 28.5	8 - 20	5.5 - 7.5
60	264 - 476	1,000 - 1,800	19.9 - 34.1	14 - 24	11 - 18.5
100	449 - 1,321	1,700 - 5,000	25.6 - 28.5	18 - 20	18.5 - 37
150	449 - 1,849	5,000 - 7,000	25.6 - 37	18 - 26	37 - 45
175	1,849 - 2,378	7,000-9,000	25.6 - 57	18 - 40	55 - 90

\*Available at higher pressure for filter press feeding