

WKTB – Vertical Can-type Ring-section Pump



Applications:

- Pumping condensate in power stations and industrial plants

More information:

www.ksb.com/products

WKTB – Vertical Can-type Ring-section Pump

1 Optimum adjustment to customer requirements

- Seal variants: gland packing or mechanical seal
- Thrust bearing: anti friction bearing or plain bearing
- Different material variants
- Mating flanges to DIN EN or ASME
- Installation options: above-floor or below-floor suction nozzle or two-floor installation

2 Excellent rotordynamic properties

- The subsequent stages are fitted directly on the distributor casing, separate from the suction stage

3 High operating reliability

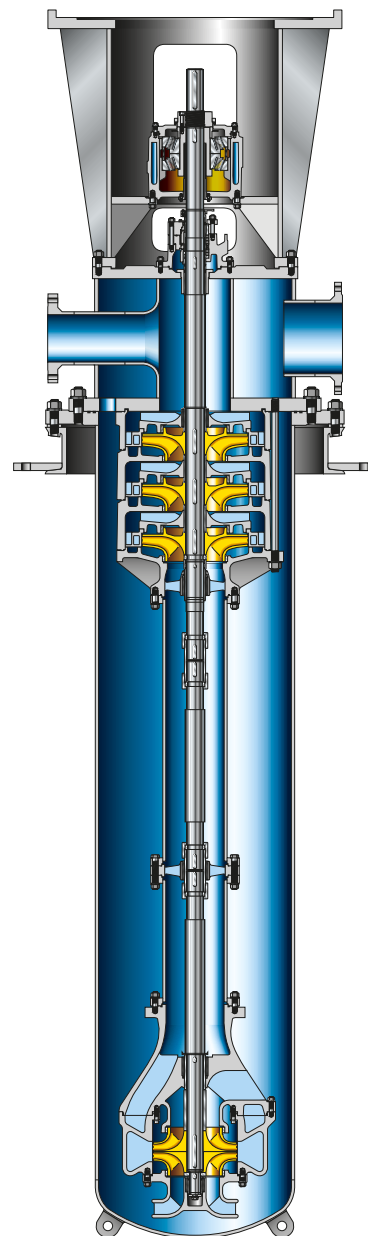
- Casing wear rings with anti-seizure properties
- Precise hydraulic design to meet operating parameters Q, H, NPSH_{available}

4 Smooth running

- Low-wear, product-lubricated plain bearings

5 Low installation and maintenance costs

- Only minimal installation depth is required thanks to the double-entry suction-stage impellers with low NPSH values.
- The complete pump can be taken out of the can for inspection and maintenance.
- Design variant with spacer-type coupling allows the mechanical seal (cartridge) to be replaced without having to dismantle the motor.



Technical data*

Operating Data	50 Hz	60 Hz
Flow rate	up to 1,500 m ³ /h up to 6,600 US gpm	up to 1,800 m ³ /h up to 7,900 US gpm
Head	up to 370 m up to 1,200 feet	
Operating pressure	up to 40 bar up to 580 psi	
Temperature	up to +140 °C up to +284 °F	
Speed	up to 1,500 min ⁻¹	up to 1,800 min ⁻¹

*Higher ratings on request



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