

PNW, SNW – Vertical tubular casing pumps



Applications:

- Irrigation and drainage
- Storm water handling in storm water pumping stations
- Raw and clean water transport in waterworks
- Cooling water handling in power stations and industrial plants
- Industrial water supply
- Docks, locks and sluices

More information: www.ksb.com/products

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1 Easy installation

The locating surface in the motor stool simplifies motor mounting and removes the requirement for alignment.

2 Reliable and hard-wearing

The sleeve coupling is bi-rotational. Being fully encapsulated, the coupling offers high corrosion resistance and reliable operation.

3 Low maintenance costs

Short shaft overhang makes for minimum shaft deflection and minimum bearing loads.

4 High operating reliability at low operating costs

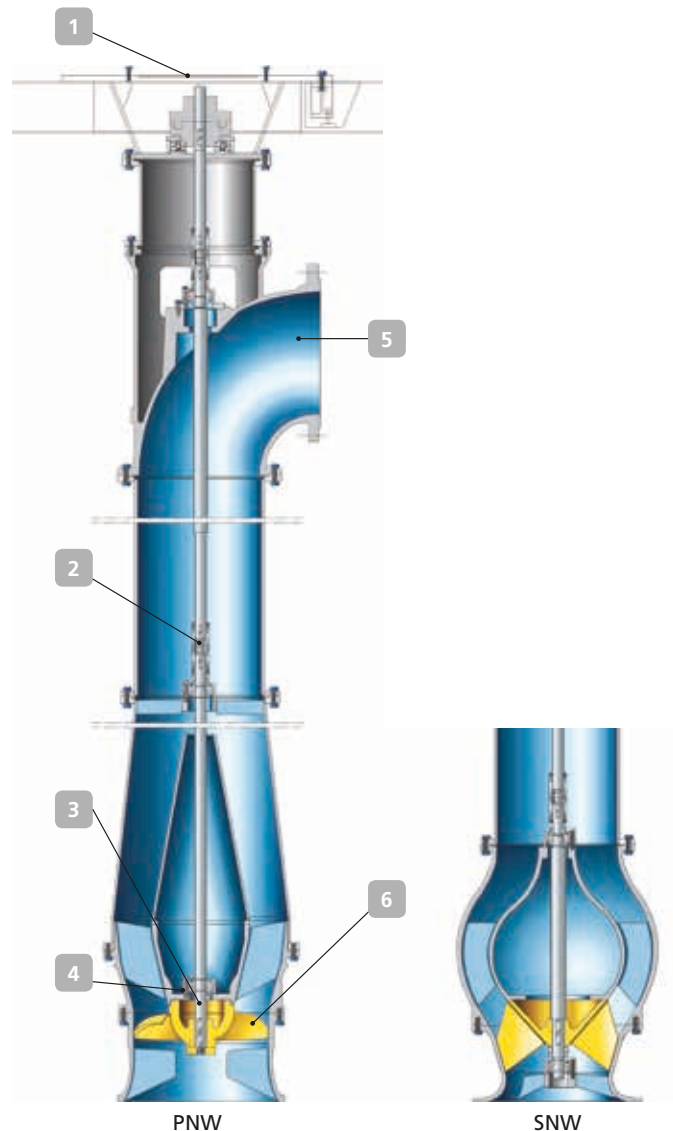
The maintenance-free and wear-resistant RESIDUR® bearing operates without external cooling and lubrication facilities thus eliminating cost of periphery equipment. Temporary dry-running during pump start-up is permitted, without damaging the pump. The pump's chemical and physical resistance makes it suitable for virtually any fluid (incl. solids-laden fluids).

5 Constant efficiencies

Thanks to its corrosion and abrasion resistant materials the pump maintains its optimum efficiency.

6 Low maintenance (PNW only)

The special „Ever-Clean-Blade“ protection of the hydraulic system prevents clogging of the propeller blades from fibres in the fluid.



Materials*	PNW	SNW
Bellmouth	Cast Iron	Cast Iron
Diffuser element	Cast Iron	Cast Iron
Discharge elbow	Cast Iron	Cast Iron
Riser	Steel	Steel
Motor stool	Steel	Steel
Shaft	Steel / Stainless steel	Steel / Stainless steel
Impeller	–	Bronze / Stainless steel
Propeller	Al bronze	

*Other materials upon request

Technical Data	PNW	SNW	
Max. capacity	2.5 39,600	2.4 38,000	m ³ /s gpm
Max. discharge head	10 33	50 164	m ft
Max. fluid temperature	60 140	60 140	°C °F
Max. speed	1,450	1,450	rpm