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Pumps • Valves • Service



PNW, SNW – Vertical tubular casing pumps



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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 effciencies

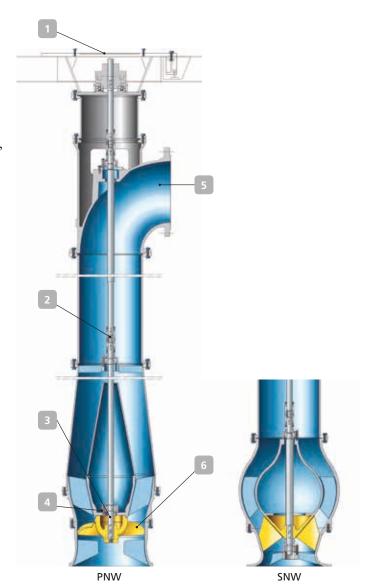
Thanks to its corrosion and abrasion resistant materials the pump maintains its optimum efficiency.

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		
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^{*}Other materials upon request



Technical Data	PNW	SNW	
Max. capacity	2.5	2.4	m³/s
	39,600	38,000	gpm
Max. discharge head	10	50	m
	33	164	ft
Max. fluid temperature	60	60	°C
	140	140	°F
Max. speed	1,450	1,450	rpm