

Performance Testing of Prototype Live Loaded Packed Stem Seals For Large Gate Valves in Pressurized Hot Water.

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Fixed Condition	Variable	Fan Laws	Equation
Impeller (i)	Speed (n)	Flow rate varies directly as the speed ratio.	$Q_i = Q_1 (n_i/n_1)$
System		Pressure varies as the square of the speed ratio.	$P_i = P_1 (n_i/n_1)^2$
Density (ρ)		Power required varies as the cube of the speed ratio.	$P_i = P_1 (n_i/n_1)^3$
Speed (n)	Impeller Diameter (D)	Flow rate varies as the cube of the fan diameter ratio.	$Q_i = Q_1 (D_i/D_1)^3$
Density (ρ)		Pressure varies as the square of the fan diameter ratio.	$P_i = P_1 (D_i/D_1)^2$
Point of Rating		Power required varies as the fifth power of the fan diameter ratio.	$P_i = P_1 (D_i/D_1)^5$
Flow Rate	Density (ρ)	Power and pressure vary directly as the air density ratio.	$P_i = P_1 (ρ_i/ρ_1)$
Speed			$P_i = P_1 (ρ_i/ρ_1)$

Description: -

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Atomic Energy of Canada Limited. AECL -- 5312Performance Testing of Prototype Live Loaded Packed Stem Seals For Large Gate Valves in Pressurized Hot Water.

Notes: 1

This edition was published in 1976



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Tags: #INJECTION #MOLDING: #Gate

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Application of partial pressure technology to combinations of one gas above its critical temperature helium mixed with a two-phase liquid nitrogen can result in liquid temperatures down to and below the nitrogen triple point. Rectifiers of this type were used in electric motor power supplies for industry, in electric railways, streetcars, and diesel-electric locomotives. The dragline excavator was invented in 1904 by John W.

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Lawriter

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Port Manteaux Word Maker

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