

## Nominal data for Kaplan runner

head	$H = 4,88$	m
discharge	$Q = 25,37$	$m^3/s$
output	$P = 1079$	kW
speed	$n = 163,6$	1/min
runaway speed	$n_H = 465$	1/min
direction of rotation	: clockwise	
runner nominal diameter	$D_1 = 2190$	mm
blade outside diameter	$D_F = 2187,8$	mm
number of blade	$Z_2 = 4$	
blade profile	K 124/4	
hub ratio	$\delta = 0,428$	
angle of adjustment	$\tau = 0^\circ + 37^\circ$	
stroke	$s = 136,4$	mm
control pressure	$p = 40/60$	bar
dead weight	$G = 31,50$	kN
oil volume	ca 250	ltr
closing direction	in water flow	